

EDUCATIONAL SPECIFICATIONS

VILLAGE ACADEMY

Addition

Grades: K-12

Total Student Stations: 1,382

Utilization Factor: 90%

FISH Capacity: 1,244

Program Capacity: 975

Core Facilities: 975



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INTRODUCTION

These Educational Specifications are intended for use as a planning guide by architects and others responsible for developing physical facilities in Palm Beach County. The general concept embodied in the specifications is to provide general and adequate details for proposed spaces while leaving ample flexibility for creativity and options in design by the architects.

Philosophy and Goals of the School Board of Palm Beach County are provided as general directions for programs in the School District and are followed by a listing of General Considerations. The facility list is intended to be a summary of the spaces to be provided, but is sufficiently flexible to accommodate design requirements and compatibility with adjacent space.

Specifications for the various program areas include a common listing of informational categories within each of the areas. Specific information relative to each particular area is included under various headings as follows:

- I. Program Philosophy
- II. Program Goals
- III. Program Activities
- IV. Organizational Nomenclature
- V. Innovations, Experimental Ideas, Other Planned Uses
- VI. Justification for Variance from S.R.E.F. Requirements
- VII. Program Facilities List
- VIII. Program Furniture and Equipment
- IX. Special Considerations

The graphic representations of Space Relationships are intended only to establish adjacencies and not to set design. Spaces shall be arranged for the various program areas in a configuration compatible with traffic control, site needs and the following considerations:

1. Facilities shall be as functional as possible; that is, they shall be organized in a manner responsive to educational programming requirements in an orderly economical way.
2. Facilities shall be as responsive as possible to long-term maintenance goals. The architect shall endeavor to produce a product with the lowest possible life cycle cost.
3. Facilities shall be as vandal-resistant as is possible within realistic budget constraints.
4. Facilities shall be as aesthetically pleasing as possible, considering neighborhood, shape, materials, colors, etc.
5. Facilities shall be designed to provide adequate student movement (circulation) without unnecessary waste.

Special attention is directed to planning for community utilization of the plant and campus, maximum energy conservation and capital budget restraints.

PHILOSOPHY AND GOALS

I. PROGRAM PHILOSOPHY

The Board's philosophy is to provide an educational system which is instructionally sound and environmentally stimulating enough to attract and maintain high-quality professional, technical and administrative employees. This system is designed to earn the respect of the Palm Beach County community, the state and the nation.

The Board believes that successful implementation of its philosophy is highly dependent upon a positive, active, working partnership which includes the Board, administrators, teachers, staff, students, parents, community, business and industry. For this reason, the support requirements for this project were developed by a participatory process involving committees of educators, the Department of Secondary and Career Education and various departments of the SDPBC.

II. PROGRAM GOALS

A. **Student Goals** - Students shall acquire, to the extent of their individual physical, mental and emotional capacities, a mastery of the basic skills required in the curriculum.

1. **Communication and Learning Skills** - All students shall be provided an opportunity to do the following:

- a. Develop and apply basic skills in reading, writing, speaking, viewing and listening.
- b. Gain a general education in broader fields of language arts, social studies, science, mathematics, humanities and vocational education.
- c. Develop a desire for learning.
- d. Develop a capacity for self-evaluation and self-direction.
- e. Examine, analyze, evaluate and utilize various kinds of information.

2. **Human Relations** - All students shall be provided an opportunity to do the following:

- a. Develop a pride of accomplishment and a feeling of self-worth.
- b. Learn to respect and get along with people.

3. **Citizenship Education** - All students shall be provided an opportunity to do the following:
 - a. Develop good character and self-respect.
 - b. Be responsible citizens.
 - c. Participate in democratic experiences and processes.
4. **Occupational Interests** - All students shall be provided an opportunity to do the following:
 - a. Develop a positive attitude toward work.
 - b. Develop respect for the dignity of all occupations.
 - c. Acquire information needed for making appropriate job selections.
 - d. Develop the ability to use information as it relates to a particular vocation.
5. **Home and Family Relationships** - All students shall be provided an opportunity to do the following:
 - a. Broaden an appreciation of the family as a social institution and as a basic unit of society.
 - b. Acquire skills and attitudes for management of family resources.
 - c. Acquire and understand the skills of family living.
6. **Mental and Physical Health** - All students shall be provided an opportunity to do the following:
 - a. Develop good health habits and an understanding of the conditions necessary for maintenance of physical and emotional well-being.
 - b. Acquire a knowledge of basic psychological and sociological factors affecting human behavior and mental health.
 - c. Develop competence for adjusting to changes.
 - d. Recognize and work to solve environmental health problems.
7. **Aesthetic and Cultural Appreciation** - All students shall be provided an opportunity to do the following:
 - a. Develop an understanding and appreciation of human achievement in natural sciences, social sciences, humanities and the arts.

- b. Broaden interests and prepare for productive use of leisure time.
- c. Develop skills and creative abilities for self-expression.

B. Management Goals

1. **General Management** - The SDPBC shall refine, implement and utilize management practices which will provide the following:
 - a. Planning and evaluation programs which will ensure accurate and adequate information for decision-making.
 - b. Administrative procedures which ensure that program planning, budgeting and evaluation systems are integrated and cyclical in nature.
 - c. Information services that promote timely acquisition of accurate information regarding SBPBC policies, procedures and activities which fulfill the needs of the SDPBC and the public.
 - d. Administrative and Instructional support for "school-based management" procedures and techniques.
 - e. System-wide support services for functions, processes and programs.
 - f. Continuing development, refinement, implementation and evaluation of instructional materials, processes and components of the curriculum.
 - g. Flexible organizational structure which clearly defines and delineates authority, responsibility and accountability.
 - h. Fiscal integrity in budgeting and business affairs.
2. **Personnel Management** - The SDPBC will develop and maintain the following:
 - a. Practices and programs to recruit the best qualified personnel for all positions.
 - b. Programs to orient all employees properly to their job responsibilities, operation and organization of their units, and organization of the school system.
 - c. Staff Development Programs to update employees in their chosen fields and to enhance their professional and career growth.
 - d. Develop programs to teach administrators at all levels how to achieve excellence in managing people, including performance, planning, evaluation and counseling.

- e. A system to identify high potential employees and their readiness status to qualify for higher career positions within the SDPBC.
- f. Practices and programs to attain effective affirmative action.
- g. Practices and systems to establish realistic position descriptions for each level and equitable compensation for those levels.

FACILITY LIST BY AREAS

Village Academy

Addition

Grades: K-12

Total Student Stations: 1,382

Utilization Factor: 90%

FISH Capacity: 1,244

Program Capacity: 975

Core Facilities: 975

Spaces	Description	Generic Ed Spec & SREF	Proposed		Existing	Proposed		Existing
			Sq. Ft. Per Unit	Sq. Ft. Total	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.	Stu. Stat. Total.
ELEMENTARY SCHOOL								
ADMINISTRATIVE								
1	Principal	300			253			
5	Administrative Office	700			776			
1	Bookkeeper	125			125			
1	Principal's Secretary	158			280			
2	General Reception/Secretary	490			514			
1	Production/Workroom	270			125			
1	Conference	123			338			
1	Administrative Storage	138			171			
1	Computer Area/Data Processor	101			182			
1	Textbook Storage	186			169			
2	Office for School Police	300			327			
1	Restrooms (out of allotment)							
	Subtotal			0	3,260			
STUDENT SERVICES								
1	Clinic (Board approved prototype)	653			338			
1	Records/Vault	203			133			
1	Conference	300			119			
3	Administrative Office	525			470			
1	Itinerant/Attendance Clerk	125						
1	Student Activities Area/Careers Room (Combine into 1 space)				134			
1	Reception/Secretary	458			295			
1	Student Service Storage	100			79			
	Subtotal				1,568			
	TOTAL			0	4,828			
ART								
1	Elementary Laboratory	1,036			1,275			
1	Kiln	80			60			
1	Material Storage	155			241			
	Project Storage	150						
	TOTAL	1,421		0	1,576			

Spaces	Description	Generic Ed Spec & SREF	Proposed		Existing	Proposed		Existing
			Sq. Ft. Per Unit	Sq. Ft. Total	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.	Stu. Stat. Total.
CUSTODIAL								
1	Central Receiving, Toilets, Lockers, Showers, Custodial Closets, Workroom & Office				273			
1	Flammable Storage				143			
1	Equipment Storage				539			
1	Golf Cart Storage (from dining)							
	TOTAL			0	955		0	
EXCEPTIONAL STUDENT EDUCATION								
1	Part Time Instructional Classroom	975			942			14
1	Material Storage	155			151			
1	Project Storage	150			111			
	Student Storage	40						
1	Restroom and Shower, Student				80			
	Subtotal				1,284			
1	Self Contained Classroom	950			1,004			10
1	Material Storage	155			151			
	Outside Storage	50						
	Student Storage	40						
1	Restroom and Shower, Student	100			80			
	Subtotal				1,235			
2	Supplementary Instruction	200			494			
2	Material Storage	155			276			
	Student Storage	40						
	Subtotal				770			
2	ESE Resource Room	672			1,420			
2	Material Storage	155			300			
	Student Storage	40						
	Subtotal				1,720			
1	ESE Changing Room/Restroom	150			148			
	Subtotal				148			
	TOTAL			0	5,157		0	24
FOOD SERVICE								
1	Dining (150 NSF to Custodial Golf Cart Storage)	2,550			3,330			
1	Kitchen (including office and restroom - Elementary prototype)	3,600			3,478			
1	Chair Storage	135			257			
1	Staff Dining/Lounge	700			406			
1	Staff Restrooms (out of allotment)							
1	Student Restrooms (out of allotment)							
	TOTAL			0	7,471		0	

Spaces	Description	Generic Ed Spec & SREF	Proposed		Existing	Proposed		Existing
			Sq. Ft. Per Unit	Sq. Ft. Total	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.	Stu. Stat. Total.
INTERMEDIATE								
14	Intermediate Classroom	741			13,600			308
14	Material Storage	90			1,022			
	Student Storage	40						
	Teacher Planning	29						
	Student Restrooms (out of allotment)				734			
	TOTAL	900		0	15,356			308
KINDERGARTEN								
4	Existing Kindergarten Classroom	721			3,832			72
4	Material Storage	90			360			
2	Project Storage				146			
	Teacher Planning	49						
	Subtotal	900			4,338			
4	Shared Kitchen	100						
1	Outside Storage (combine with ESE)	50			191			
3	Student Restrooms - M/F	35			123			
	TOTAL			0	4,652			72
MEDIA CENTER								
1	Reading Room/Stacks	2,498			2,481			
1	Technical Processing (combined with Library Media Specialist's office)	270			784			
1	Professional Library (combined with Media Production/Copying Room)	270			377			
1	AV Storage/Maintenance and Repair/CCTV Storage	810			879			
1	Periodical Storage (combined with Reading/Stacks)	135						
1	CCTV Studio - Production and Control (100 NSF from Stage Control Booth)	573			568			
1	Media Production/Copying Room (combined with Professional Library)	473						
1	Small Group Listening (combined with Reading/Stacks)	68			361			
1	Group Projects (combined with Reading/Stacks)	338			1,047			
1	Library Media Specialist's Office (combined with Technical Processing)	175			141			
1	Staff Restroom (out of allotment)							
	TOTAL	5,608		0	6,638		0	
MUSIC								
1	Elementary Music Laboratory	1,456			1,548			
1	Material Storage/Reference Room	255			274			
1	Practice Room	70			70			

Spaces	Description	Generic Ed Spec & SREF	Proposed		Existing	Proposed		Existing
			Sq. Ft. Per Unit	Sq. Ft. Total	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.	Stu. Stat. Total.
	TOTAL	1,781		0	1,892			
PHYSICAL EDUCATION								
1	Covered Play Area	3,000			3,500			
1	PE Storage	315			342			
1	Teacher Planning with Restroom (from allotment)							
	TOTAL			0	3,842			
PRIMARY								
11	Primary Classroom	721			10,852			198
11	Material Storage	90			1,112			
	Student Storage	40						
	Teacher Planning	49						
	Subtotal	900						
11	Student Restroom - M/F	35			518			
	TOTAL			0	12,482			198
RESOURCE ROOMS (1/150 stations per SREF) (Individual or small group instruction)								
5	Elementary Resource				2,508			
5	Material Storage				514			
	TOTAL			0	3,022			
RESTROOMS (adjust square footage for FACBC and parity requirements)								
1	Public Restrooms							
1	Student Restrooms				399			
1	Staff Restrooms (near classrooms and teacher planning)				763			
	TOTAL			0	1,162		0	
SKILLS DEVELOPMENT LABORATORY								
3	Elementary Skills Laboratory				2,834			22
1	Material Storage				94			
	TOTAL			0	2,928			22
STAGE/SUPPORT								
1	Stage				637			
1	Stage Storage							
2	Dressing Room				280			
	Control Booth (to CCTV Studio-Production)							
	TOTAL			0	917		0	

Spaces	Description	Generic Ed Spec & SREF	Proposed		Existing	Proposed		Existing
			Sq. Ft. Per Unit	Sq. Ft. Total	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.	Stu. Stat. Total.
TEACHER PLANNING								
1	Teacher Planning				898			
	TOTAL			0	898		0	
MIDDLE SCHOOL								
ART								
1	Middle School Laboratory			1,176		28	28	
1	Kiln			80				
1	Material Storage			155				
1	Project Storage			150				
	TOTAL			1,561	0		28	
COMPUTER/SKILLS LABORATORY								
1	Skills Development Laboratory		810	810		22	22	
1	Material Storage		90	90				
	TOTAL		900	900			22	
CUSTODIAL								
1	Custodial Closets			248				
1	Golf Cart storage			300				
	TOTAL			548				
EXCEPTIONAL STUDENT EDUCATION								
1	Laboratory (1/1,000 stations per SREF)			1,140		12	12	
1	Material Storage			155				
1	Student Storage			40				
1	Restrooms & Showers (from allotment)							
	Subtotal			1,335				
2	ESE Resource Room		672	1,344				
2	Material Storage		155	310				
2	Student Storage		40	80				
	Subtotal		867	1,734				
	TOTAL			3,069			12	
GENERAL CLASSROOMS								
1	Classroom		750	750		22	22	
1	Material Storage		90	90				
1	Teacher Planning		60	60				
	TOTAL		900	900			22	
LANGUAGE ARTS								
2	Classroom		750	1,500		22	44	

Spaces	Description	Generic Ed Spec & SREF	Proposed		Existing	Proposed		Existing
			Sq. Ft. Per Unit	Sq. Ft. Total	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.	Stu. Stat. Total.
2	Material Storage		90	180				
2	Teacher Planning		60	120				
	TOTAL		900	1,800			44	
MATHEMATICS								
2	Classroom		750	1,500		22	44	
2	Material Storage		90	180				
2	Teacher Planning		60	120				
	TOTAL		900	1,800			44	
MUSIC								
1	Music Classroom			2,000		45	45	
1	Ensemble Room			300				
1	Practice Room			70				
1	Reference Room			100				
1	Instrument Storage			600				
1	Material Storage			155				
1	Uniform/Robe Storage			175				
1	Teacher Planning			100				
	TOTAL			3,500			45	
PHYSICAL EDUCATION								
2	Dressing Rooms		780	1,560				
2	Lockers		130	260				
2	Showers		130	260				
2	Drying		130	260				
1	PE Storage (200 SF to outside PE storage)	587		387				
2	Restrooms		130	260				
2	Teacher Planning		100	200				
2	Teacher Restrooms>Showers		66	132				
1	Laundry/Towel			130				
1	Activity Lab			3,600			60	
1	Restrooms (from allotment)							
1	Outside PE Storage (from PE Storage)			200				
	TOTAL			7,249			60	
RESOURCE ROOMS (1/150 stations per SREF) (Individual or small group instruction)								
2	Resource Room		480	960				
2	Material Storage		90	180				
	TOTAL			1,140			0	

Spaces	Description	Generic Ed Spec & SREF	Proposed		Existing	Proposed		Existing
			Sq. Ft. Per Unit	Sq. Ft. Total	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.	Stu. Stat. Total.
RESTROOMS (adjust square footage for FACBC and parity requirements)								
1	Public Restrooms			45				
1	Student Restrooms			338				
1	Staff Restrooms (near classrooms and teacher planning)			90				
	TOTAL			473			0	
SCIENCE								
1	Science Demonstration/Classroom		900	900		22	22	
1	Material Storage			200				
1	Chemistry Demonstration/Classroom			900		22	22	
1	Chemical Storage		200	200				
	TOTAL			2,200			44	
SOCIAL STUDIES								
2	Classroom		750	1,500		22	44	
2	Material Storage		90	180				
2	Teacher Planning		60	120				
	TOTAL		900	1,800			44	
STUDENT STORAGE (Lockers)								
1	Student Personal Storage			113				
	TOTAL			113				
TEACHER PLANNING								
1	Teacher Planning			400				
	TOTAL			400			0	
CAREER EDUCATION - BUSINESS								
1	Orient/Explore Business Laboratory		1,320	1,320		24	24	
1	Material Storage		155	155				
1	Project Storage		150	150				
	TOTAL		1,625	1,625			24	
CAREER EDUCATION - FAMILY & CONSUMER SCIENCE								
1	Life Skills Laboratory (combine sewing & kitchen)			1,680		24	24	
1	Material Storage			155				
1	Project Storage			150				
1	Kitchen (combine with Lab)		125	125				
	TOTAL			2,110			24	

Spaces	Description	Generic Ed Spec & SREF	Proposed		Existing	Proposed		Existing
			Sq. Ft. Per Unit	Sq. Ft. Total	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.	Stu. Stat. Total.
HIGH SCHOOL								
ADMINISTRATIVE								
1	Administration Office			175				
1	Reception/Secretary			225				
1	Conference Room			250				
1	Textbook Storage			184				
1	Records Vault/Student Records			158				
1	Production/Workroom			210				
1	Student Activities Area/Careers Room (Combine into 1 space)			420				
	TOTAL			1,621				
COMPUTER/SKILLS LABORATORY								
1	Skills Development Laboratory		810	810		25	25	
1	Material Storage		90	90				
	TOTAL		900	900			25	
CUSTODIAL								
1	Custodial Closets			330				
	TOTAL			330				
FOOD SERVICE								
Middle School Prototype								
1	Dining (combine with Multipurpose)	4,900		1,570	3,330			
1	Kitchen (including office and restroom)	5,400		1,922	3,478			
1	Chair Storage	195			257			
1	Staff Dining/Lounge	850		444	406			
1	Staff Restrooms (out of allotment)							
1	Student Restrooms (out of allotment)							
	TOTAL	11,345		3,936	7,471		0	
LANGUAGE ARTS								
3	Classroom		750	2,250		25	75	
3	Material Storage		90	270				
3	Teacher Planning		60	180				
	TOTAL		900	2,700			75	
MATHEMATICS								
3	Classroom		750	2,250		25	75	
3	Material Storage		90	270				
3	Teacher Planning		60	180				
	TOTAL		900	2,700			75	

Spaces	Description	Generic Ed Spec & SREF	Proposed		Existing	Proposed		Existing
			Sq. Ft. Per Unit	Sq. Ft. Total	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.	Stu. Stat. Total.
MULTIPURPOSE								
Middle School Prototype								
1	Multipurpose Room (combine with Dining)			2,015				
	TOTAL			2,015			0	
RESOURCE ROOMS (Individual or small group instruction) (1/150 stations per SREF)								
2	Resource Room		480	960				
2	Material Storage		90	180				
	TOTAL			1,140	0		0	
RESTROOMS (adjust square footage for FACBC and parity requirements)								
1	Public Restrooms			60				
1	Student Restrooms			450				
1	Staff Restrooms (near classrooms and teacher planning)			120				
	TOTAL			630			0	
SCIENCE								
3	Science Demonstration/Classroom		900	2,700		25	75	
2	Material Storage		200	400				
	TOTAL			3,100			75	
SOCIAL STUDIES								
3	Classroom		750	2,250		25	75	
3	Material Storage		90	270				
3	Teacher Planning		60	180				
	TOTAL		900	2,700			75	
STAGE/SUPPORT								
Middle School Prototype								
1	Stage	990		353	637			
1	Stage Storage	650		650				
2	Dressing Room	488	244	208	280			
	Control Booth (to CCTV Studio-Production)	100		0				
	TOTAL			1,211	917		0	
STUDENT STORAGE (Lockers)								
1	Student Personal Storage			150				
	TOTAL			150				

Spaces	Description	Generic Ed Spec & SREF	Proposed		Existing	Proposed		Existing
			Sq. Ft. Per Unit	Sq. Ft. Total	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.	Stu. Stat. Total.
TEACHER PLANNING								
1	Teacher Planning			400				
	TOTAL			400			0	
HEALTH OCCUPATION								
1	Health Occupations Laboratory		1,200	1,200		20	20	
1	Dispensary		135	135				
1	Laundry area (from dispensary)		135	135				
1	Material Storage		155	155				
1	Project Storage		150	150				
1	Related Classroom		675	675				
	TOTAL			2,450			20	

For modernization of existing schools and other schools with a high concentration of special program needs additional teaching spaces may be provided through the use of Resource Rooms and ESE Rooms to meet program capacity per the approval on January 21, 2003 of the Charter District Waiver.

Net Square Feet (NSF) from Library Media Center and Multipurpose were reallocated to ensure that classroom sizes are no less than 900 NSF for purposes of providing sufficient space for quality instruction.

Material Storage and/or Teacher Planning shall be folded into the classroom to create a classroom of 900 NSF. This will affect General Classrooms, Language Arts Classrooms, Math Classrooms, Social Studies Classrooms and Skills Development Laboratories. Science Classrooms shall be 900 NSF with shared Material Storage.

The existing facilities would be analyzed by the project architect to determine appropriate usage of the buildings, necessary renovations and remodeling to meet SREF size standards, ADA requirements and other code issues.

GENERAL CONSIDERATIONS

Use the following documents, as a minimum, in facility design, the latest edition of the Florida Building Code (FBC) with latest revisions, the Florida Fire Prevention Code (FFPC), the SDPBC Educational Specification, District Master Specifications (DMS), District Design Criteria (DDC) and State Requirements for Educational Facilities (SREF).

- A. **Security** - The design shall comply with the DDC – Architectural and Civil.
- B. **Flexibility** - Consider flexibility to allow for future program changes and expansions of the school plant.
- C. **Construction Techniques** - Consider fast and economical construction consistent with long-range maintenance and flexibility requirements of a permanent school plant. Refer to DDC - Architectural.
- D. **Heating, Ventilating and Air-Conditioning (HVAC)** – Design the system(s) in accordance with DDC – Mechanical and the related DMS sections in Division 15.
- E. **Plumbing** - Design the system(s) in accordance with DDC – Plumbing and the related DMS sections in Division 15.
- F. **Building Fire Protection** - Design the system(s) in accordance with DDC – Mechanical and the related DMS sections in Division 15.
- G. **Windows** – Provide windows in accordance with DDC – Architectural.
- H. **Floors** – Provide floors in accordance with DDC – Architectural.
- I. **Walls** – Provide walls in accordance with DDC – Architectural.
- J. **Roof** - Provide windows in accordance with DDC – Architectural.
- K. **Corridors and Student Commons** - Corridor shall comply with the Florida Building Code, DDC and DMS.
- L. **Sound Treatment** - Acoustically-treated walls and ceilings shall be provided as necessary for the intended use of the space, refer to DDC - Architectural.
- M. **Hot Water** - Hot water shall be provided as indicated and per code, refer to DDC – Mechanical and Plumbing and DMS.
- N. **Lighting** - Classroom lighting shall be controlled with alternate switching of light fixtures. Provide lighting in accordance with DDC – Electrical and DMS.
- O. **Electrical** – Provide Electrical systems in accordance with DDC - Electrical and DMS.
- P. **Student Toilets** - Soap dispensers shall be liquid type provided and installed by the contractor. Paper towel dispensers and toilet paper dispensers shall be continuous metal

jumbo roll type provided and installed by the contractor. Follow the DDC – Architectural and Plumbing for locating, designing and equipping student toilet facilities.

- Q. **Entrances** - Entrance shall comply with the requirements if the DDC - Architectural.
- R. **Lockers** - Lockers shall be located in air-conditioned corridors. Refer to DMS.
- S. **Clock and Bell System** - GPS master satellite clock system (wireless) shall be utilized throughout the facility and provided by the contractor. Bell system shall have automatic and manual operation.
- T. **Intercommunications System** - Provide two-way intercom system in accordance with the DDC - Electrical.
- U. **Instructional Television System**– Provide ITV system in accordance with the DDC – Electrical and DMS sections in Division 16.
- V. **Colors/Finishes** - Harmonizing colors shall be used to enhance the design of the plant. The architect shall submit colors for review and approval by the SDPBC Department of Program Management. The exterior of the buildings shall use a maximum of three (3) different colors and the interior of the buildings shall use a maximum of four (4) different colors with one of the four interior colors serving as the accent color for the instructional space. Exterior materials and coatings shall be graffiti resistant and easily cleaned to the maximum extent practical. The architect shall submit finishing schedules and mill work for review and approval by the SDPBC Department of Program Management.
- W. **Display Case** - A built-in recessed display case with tackable backboard shall be located in the entrance foyer, music area and art area and media center. A built-in trophy case with tackable surface shall be located in the gymnasium and auditorium. Provide safety glass. The recessed display case shall be 6’W x 4’H and 36” off the floor.
- X. **Communications (Voice and Data)** – Provide Communication systems in accordance with the DDC - Electrical.
- Y. **Safety** - Provide safety devices in accordance DDC, DMS and FBC.
- Z. **Site Fire Protection** - Refer to DDC, DMS, FBC and FFPC.
- AA. **Automobile Parking** - Provide parking in accordance with traffic control section, DDC – Architectural and Civil. Visitor parking shall be provided near the entrance to the administrative suite. .
- AB. **Water Outlets** - Provide hose bibb in accordance with the DDC - Plumbing.
- AC. **Potable Water** - Systems shall be designed in accordance DDC – Civil and Plumbing.

- AD. **Pavement, Site Improvements** - Provide all pavement, markings, signage and other site improvements in accordance with DDC – Civil.
- AE. **Sanitary Sewer** - Systems shall be designed in accordance with the DDC –Civil.
- AF. **Storm Water Drainage** - Systems shall be designed in accordance with the DDC- Civil.
- AG. **Irrigation Water** - Systems shall be designed in accordance with the DDC- Civil.
- AH. **Structural** - Systems shall be designed in accordance with the DDC -Structural.
- AI. **Bulletin Boards** - In addition to any bulletin boards specified in departmental specifications, there shall be located in all of the corridors and/or student common area the following: (a) for general administrative, provide eight lineal feet; (b) for student activities, eight lineal feet; (c) for general faculty, eight lineal feet; (d) for interscholastic activities, eight lineal feet; (e)for music, eight lineal feet; (f) for interdepartmental use, eight lineal feet. Bulletin (tack) boards shall not be less than 36" vertical measurement.
- AJ. **Ceiling Heights** - Ceiling height shall be in accordance with the DDC - Architectural.
- AK. **Crowd Control** - The design shall reflect good crowd control. Consideration shall be given to large groups that enter and leave the site at times of public and school events.
- AL. **Energy Conservation** - The building and its systems shall be designed in accordance with the DDC - Mechanical:
- AM. **Community School** - The general plan and campus design shall be arranged to permit and facilitate use of all appropriate school facilities by community agencies when these spaces are not in use for the regular school program. Community school considerations include ready access from parking lots to all athletic and recreational facilities, meeting rooms, music facilities, media center, cafeteria and community school coordinator's office. Offices(s) shall be located near the parking lot with adequate lighting and natural surveillance.
- AN. **Exterior Building Materials** - Major exterior building materials shall be fully documented in the design phase of project development for review and approval by the SDPBC Superintendent or his/her designee. Exterior materials and coatings shall be graffiti resistant and easily cleaned to the maximum extent practical. Refer to the DDC – Architectural.
- AO. **Instructional Technology-** Provide conduits, wiring, data outlets and receptacles for computer network requirements. Provide spaces and special air-conditioning for computer- related electronics. Refer to DDC.
- AP. **School Site and Play Fields** - The school site and play fields shall be designed in accordance with DDC – Architectural and Civil.

- AQ. Working Heights** - Provide built-in equipment and furnishings in accordance with DDC - Architectural.
- AR. Ventilation** - Design Ventilation system in accordance with the DDC - Mechanical.
- AS. Program Furniture and Equipment** - Program furniture and equipment list, in this document, is a design guide for determining space requirements and it is not intended to be used as an ordering guide. Use existing furniture and equipment where possible.
- AT. Natural Gas** - Refer to DDC - Plumbing.
- AU. Design Notebooks** - Refer to DDC - Mechanical.
- AV. Communications Room** - Every facility shall have one Communication Equipment Room (CER) and several Communication Closet Rooms (CCR) as necessary to comply with the DDC – Electrical and Mechanical.
- AW.** The Architect/Engineer shall request a clarification from the Senior Project Administrator (SPA) of any conflicts between the Educational Specifications, DDC or DMS.
- AX.** For middle schools, contractor to provide a lighted double sided marquee/school sign, 5’x10’ in size, with adequate electrical service stubbed out.
- AY.** Refer to the DDC – Electrical and DMS with regards to ceiling projectors raceway system. Contractor to provide ceiling projectors raceway system with all necessary wiring and properly supported projector mounting brackets in all instructional spaces and other designated areas. Obtain the latest detail of installation and specifications from the District’s Network Services Department.
- AZ.** Contractor to provide and install wall mounted pencil sharpeners and flag pole holders with proper backing in all necessary areas. Contractor to provide and installed AV screens and brackets with proper backing in all necessary areas. Provide proper backing for all mounted equipment where necessary.
- BA.** Each school shall have a lightning detection device.
- BB.** All built-in counters shall be wire management holes (grommets) to service telephones and computer hook-ups.
- BC.** When possible, the “head-in” equipment shall be located in the production room in the Library Media Center. The equipment should not be located in the control room of the CCTV studio.
- BD.** Schools under modernization and/or comprehensive addition shall have the interior signage comply with the building and room numbering of the School District’s guidelines. Room names and numbers on signage shall be coordinated with SDPBC Interior Design Coordinators.

- BE.** Contractor to provide a 30' high flagpole with two complete rope systems. The flagpole shall be located near the main office/administration.

- BF.** Refer to the DDC – electrical and DMS with regards to conduit and junction box for sound field enhancement system.

- BG.** Classrooms, instructional areas and other designated areas shall be equipped with built-in multimedia cabinets, provided by the contractor, for TV, LCD, DVD/VCR, and other multi-media equipment. The multimedia cabinet shall be approximately 48” in height with the capability to have a 27” TV sit on top of the cabinet. The multimedia cabinet shall include lockable doors with adjustable shelving for equipment and grommets for wire management. The cabinet shall be located on the teaching wall.

GENERAL SECURITY CONSIDERATIONS

- A. Meet with SDPBC Department of School Police at first stage, site and building layout development, to discuss project specific security issues.
- B. The area for loading/unloading of students shall be designed for easy supervision with no mixture of pedestrian and vehicles.
- C. Open parking areas shall have good natural surveillance. Provide a fenced staff parking area that can be locked during the day where local conditions warrant.
- D. Site access shall consist of a primary road and secondary access in the event the primary road is blocked.
- E. School sites shall have perimeter security fencing preventing access to walkways and courtyards when facility is not occupied, but allow for public use of exterior athletic facilities. Design exterior doors to prevent unauthorized entry by minimizing key locks and hardware on doors which would not be used for the purpose of essential entry but are installed for emergency egress.
 - 1. Doors which are determined to be essential entry shall be provided with key access and include card access control and hardware as per current SDPBC policy, guidelines and the project specific plan review process.
 - 2. Entire perimeter of site shall be fenced or wall barriered and gated to a minimum height of six (6) feet. Provide the delivery/receiving/service entry gates(s) with electric latching/lock hardware and all associated hardware to allow the control of it from the card access system.
 - 3. Create an interior perimeter barrier so that all open area students and staff commons and their thoroughfares, i.e. courtyards, areas between buildings, portable classrooms, PE fields, etc. are blocked from entering except through an access controlled main public entry. Create a structurally mounted set of metal entry doors in the interior perimeter barrier to become the focal point of all public entry. These doors shall be located in the entry thoroughfare between the visitor parking area and the administration reception area. At the public entry, provide card access, video surveillance; remote intercom and electric controlled lock hardware as per current SDPBC policy, guidelines and the project specific plan review process. All other egress points through this open area interior perimeter barrier shall have the same type of structurally mounted metal entry doors. No fence gates allowed.
- F. Use maze-type of entry system to restrooms where appropriate, i.e., gymnasium. Do not use maze-type of entry for exterior locations.
- G. Bicycle parking compound shall be located in an area with good natural surveillance and have an 8' fence. Provide racks to which bicycles can be locked. Should be visible from office staff or classroom windows.
- H. When designing courtyards, consider physical division of space, i.e. benches, planters,

to avoid congregation of large groups of students and to allow smooth flow of traffic. Position amenities to create multiple access and passageways. Planters shall not be placed in such a way as to allow its contents to block clear vision of common areas and courtyards. Limit the heights of all trees and shrubbery that are planted between the buildings and all thoroughfares, congregate areas, bike and auto parking spaces, courtyards, portables, entry/exit points throughout the interior perimeter barrier, playfields, etc. to not exceed three feet (3'), for a distance of fifty feet (50'). Consideration should be taken when locating landscaping to assure that it will not block lighting.

- I. Locate teacher planning areas throughout the campus to provide supervision for potential problem areas. Acceptable locations are at ends of buildings and center of hallways.
- J. Provide zoned lighting to allow for security during community school activities at night. Consider use of motion detector lights in isolated areas.
- K. Design roofs without obstructions that could conceal persons from view. Roof access shall be properly secured and lockable.
- L. Provide two (2) KNOX box for emergency key access to the site and building(s), one for school police and one for fire department. Coordinate with local fire department and district personnel.

SITE DEVELOPMENT

- A. All site plans shall comply with SDPBC **Technical Requirements Manual for Site Plans.**
- B. **Refer to District Design Criteria (DDC).**
- C. A landscaping plan shall contribute to the development of a balanced and harmonious appearance of the educational complex. Landscaping shall be based on surveys of existing plants on the site and a palette of species of plants native to the vicinity. Plantings shall be site specific with special consideration given to minimizing supplemental irrigation systems, energy efficiency and maintainability of the designed vegetation systems, from installation to maturity. Supplemental irrigation systems to be used shall provide for total coverage of landscape areas. Where practical, minimum plant sizes and maximum spacing shall be used. Landscaping shall be in compliance with State Requirements for Educational Facilities Guidelines.

TRAFFIC CONTROL

The following traffic-related activities occur on the school site:

1. Approximately, 15 - 25 school buses will enter and exit the site at the beginning and end of each school day.
2. Approximately, 150 staff will enter and exit the site daily.
3. Service and visitor vehicles will enter and exit the site daily.
4. Private vehicles and spectators attending extra-curricular activities will enter and exit the site periodically.

Proper signage should be included to delineate each area. Signage and bumpers for parking spaces shall be provided by the contractor.

Specific consideration shall be given to the following:

1. Approximately, 160 parking spaces shall be conveniently located for staff, visitors and service personnel. Ten of these to be convenient to the kitchen. Parking locations shall be located on-site and/or off-site.
2. Visitor parking shall be provided near the administrative suite and will naturally lead to the administrative suite reception entry.
3. A fenced parking area with lockable gate for bicycles shall be provided.
4. Student pedestrian traffic to playfields shall not cross any vehicular traffic area.
5. Refer to **District Design Criteria (DDC)**.

ART**I. PROGRAM PHILOSOPHY**

Students will perceive and respond to aesthetic qualities found in Art, value Art experiences as an important realm of human activity, be actively involved in art production and know about the Arts and their relationships to the environment and our cultural heritage. Students will make and justify judgments about the aesthetic qualities and merits of Art objects and artistic production.

II. PROGRAM GOALS

- A. Perceive and respond to Art qualities.
- B. Value Art as an important realm of human experience.
- C. Produce works of Art.
- D. Know and understand the significance of Art content and the relationships that exist between Art and other disciplines.
- E. Make and justify judgments about aesthetic qualities and merits of works of Art.

III. PROGRAM ACTIVITIES

The Art program includes the study of basic elements, principles, concepts and theory of Art. All areas of the Art program will be included such as viewing, producing, critiquing and studying Art History.

A. Art Production

- 1. **Production** - experience and communicate expressive qualities through the use of the flowing process and media.
- 2. **Drawing** - pastels, charcoal, markers, pencil, wax and oil crayon, wash, ink and related materials.
- 3. **Painting** - water color, acrylics and tempera.
- 4. **Printmaking** - intaglio, relief, silk screen and computer.
- 5. **Fiber Arts** - weaving, batik, dyeing and stitchery.
- 6. **Ceramics** - pinch, coil, slab, wheel, glazing and firing techniques.
- 7. **Sculpture** - relief and in-the-round.
- 8. **Construction** - stage sets, video production, collage, architecture, etc.

9. **Photography** - developing, printing, reproduction, and video production.

B. **Critique** - Evaluate their own works and the works of others. Display and exhibit.

C. **History/Art Appreciation** - Study Art objects and artists through the use of, slides, reproductions, books and video tapes.

IV. ORGANIZATIONAL NOMENCLATURE

Teacher - Student Ratio: 1:28

Grade Levels for Which Program is Intended 6 - 8

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

A. Hard surface patio area of, approximately, 1200 sq. ft. The patio shall be accessible from each laboratory and shall have planting areas for greenery and adequate drainage. A "lattice effect" patio cover shall be provided that is stable enough to support hanging plants, sculpture (150 lbs. max.), etc. Roof overhang shall be 8'.

VI. JUSTIFICATION FOR VARIANCE FROM STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (S.R.E.F.)

A. The Art Laboratory shall have a pottery lab.

VII. PROGRAM FACILITIES LIST

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
ART						
1	Laboratory			1,176	28	28
1	Kiln (combined into 1)			80		
1	Material Storage			155		
1	Project Storage			150		
	TOTAL			1,561		28

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Laboratory

No. of Items	Contractor Provided	District Provided (FF&E)	Description
30-32		X	Wooden stool
8		X	Art Table, 60" x 42" x 29", all purpose, waterproof, with glides on feet of table legs
2		X	Pencil sharpener, electrical
1		X	Mat cutter, 30" x 40"
2		X	Drying rack, 31"x48", portable, 50 drying shelves, on wheels
1		X	Wall Display assembly, high density, 25-hinged panel posts for 50 display panels
1		X	Double wedging, sculpture station top, 48" x 26", top with backboard, 61"h (Pottery Lab)
1		X	File cabinet, four-drawer, legal, lateral, lockable
4		X	Potter's wheel (3), electric & (1) FACBC accessible (Pottery Lab)
1		X	Teacher desk/workstation with chair
4		X	Spotlight, portable
4		X	Computer
2		X	Printer
2	X		Stainless steel, trough style sink with separate goose neck faucets (CW) and separate clay traps. (in pottery lab, locate adjacent to pottery wheels)
1	X		Teacher storage cabinet, lockable, 36"W x 30"D x 72"H, cabinet, with adjustable shelving, lockable
1	X		Marker board, 4' x 16' with map rail and flag holder
2	X		Tack boards, 4' x 8'
1	X		6' x 8' video format screen with black masking borders
1	X		Pencil sharpener with property backing
1	X		Cabinet, 84"H x 56 - 60"W x 24"D, with two doors, with 11 shelves, each side, adjustable
4	X		Cabinet, 84"H x 56 - 60"W x 24"D, with two doors, with five shelves, each side, adjustable, and lockable
2	X		Storage cabinets for at least 100 tote trays, lockable doors, 4'W x 6'H x 22"D.
1	X		Craft project table with chemical resistant top and two, medium-duty clamp vises with cabinets below
1	X		Clock
1	X		TV/Multimedia Cabinet (refer to general considerations)
	X		Built-ins (refer to special considerations)

B. Kiln Room

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Cart, two shelves
1	X		Utility tub (HW/CW) with clay trap
2	X		Kiln, electric, three-tiered, automatic setter and necessary kiln furniture.
1	X		Damp cabinet
	X		Built-ins (refer to special considerations)

C. Material Storage

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Complete set of hand tools, e.g., saw, hammer, pliers, etc.,
2		X	Cart storage, on casters, tight-fitting top, metal-lined
1		X	Cart for storing two dimensional reproductions, minimum interior, 24" x 30"
1	X		Cabinet, double door, lockable
1	X		Divided cabinet, 84"H x 56"W x 28"D. One side to have four adjustable shelves, two shallow drawers, and one deep drawer. Other side to have three open shelves.
1	X		Flammable storage cabinet
	X		Built-ins (refer to special considerations)

IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED

Refer to **GENERAL CONSIDERATIONS, GENERAL SECURITY CONSIDERATIONS AND TRAFFIC CONTROLS.**

- A. **Heating/Cooling/Ventilation** - As required to meet District Standards.
- B. **Acoustical** - As required to meet District Standards.
- C. **Floor** - As required to meet District Standards. Floor shall colored sealer on concrete in the kiln room. Floor drain in each of the laboratories and kiln room shall be equipped with lift-out sediment traps for easy cleaning. Potter's wheel area shall be concrete floor sealed with a hard resin. Provide two drains and hose connection in potter's wheel area. Threshold shall be ½" h to keep water from flowing out of room when rinsing floor. The floor covering shall be durable, smooth, resilient and easy to clean.
- D. **Walls** - As required to meet District Standards. Provide tackable vinyl covered wall panels where space allows, including cabinet fronts. Provide half wall to separate pottery area and laboratory. Half wall should be no higher than 42" above finished floor.
- E. **Ceiling** - As required to meet District Standards. Laboratories shall have a system of

at least six hooks in the student work areas to support, approximately, 150 lbs. each, used to hang weaving frames, drying lines, print plate lines, mobiles, etc.

- F. **Lighting** - As required to meet District Standards. In addition to regular lighting, provide track lights for display on bulletin board wall and display areas. Provide ceiling attachments and outlets for portable spotlights for still-life arrangements and figure poses. No plastic covers on lights in kiln room.
- G. **Windows** - As required to meet District Standards.
- H. **Doors** - As required to meet District Standards.
- I. **Water/Plumbing Fixtures** - As required to meet District Standards.
- J. **Communications** - As required to meet District Standards.
- K. **Electrical** - As required to meet District Standards.
- L. **Instruction Technology** – As required to meet District Standards.
- M. **Gas and Air** - N/A
- N. **Safety**
 - 1. Kiln room precautions for excessive heat/noxious fumes.
 - 2. Adequate ventilation for chemicals and acids.
 - 3. As required to meet District Standards.
- N. **Fencing** - As required to meet District Standards.
- O. **Service Drives** - As required to meet District Standards.
- P. **Parking** - As required to meet District Standards.
- Q. **Built-ins**
 - 1. **Project Storage Room**
 - a. Provide metal shelving with adjustable shelves on all walls.
 - 2. **Material Storage Room**
 - a. Provide base cabinets with shelves for flat paper storage; draws and open adjustable shelves.
 - b. Provide upper cabinets with open adjustable shelves.
 - 3. **Each Laboratory**

- a. All cabinets and drawers in the Art labs shall be lockable.
- b. Provide computer counter to accommodate four (4) computers and two (2) printers (14'W x 30"D). The counter shall have grommets for wire management.
- c. Provide built-in bookcase, 5'L x 15"D x 40"H with adjustable shelves.
- d. Provide TV/Multimedia cabinet, approximately 48" in height with the TV monitor sitting on top of the cabinet. The TV/Multimedia cabinet shall include lockable doors with adjustable shelving for multimedia equipment. The TV/Multimedia cabinet shall also have grommets for wire management. The TV/Multimedia cabinet shall be located along or near the teaching wall.
- e. Provide metal shelves with closed ends in pottery area.
- f. Provide base and upper cabinets with lockable doors and adjustable shelves.

4. Kiln

- a. Provide maximum steel shelving, 18", on all walls with proper backing for mounting.

5. School Display/Exhibition

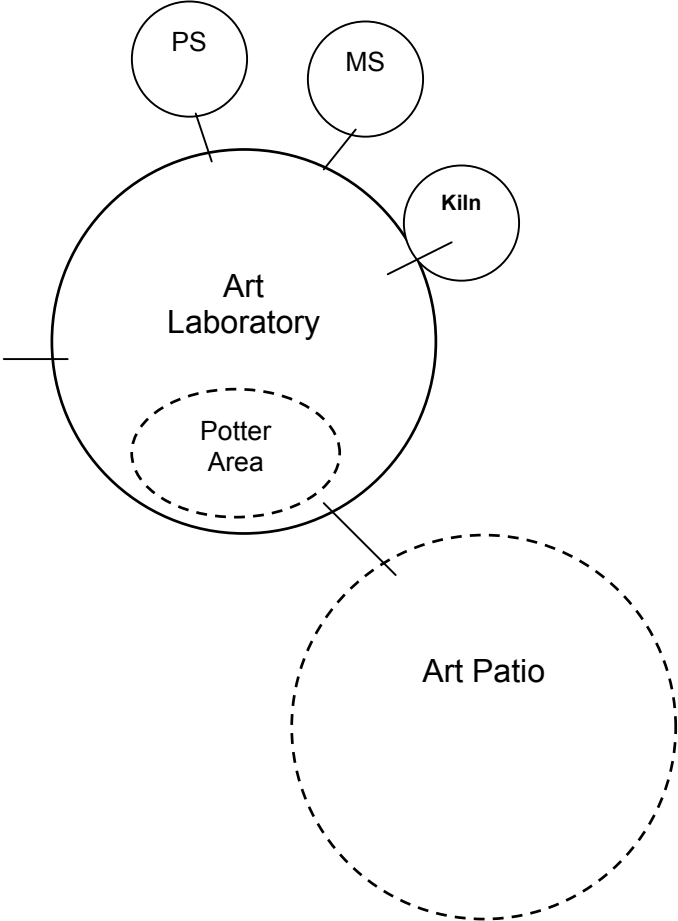
- a. Provide recessed display cabinet (6'W x 4'H) for students' artwork in hallways.

R. Other Considerations -

1. If a darkroom is provided, a silver photo recovery system shall be in accordance with current SBPBC policy of the Department of Environmental Control.
2. The kiln room shall be a one-hour rated enclosure.
3. Art patio shall have benches.
4. The art patio, provided by contractor, shall have a north or east exposure.

SPATIAL RELATIONSHIPS

ART



MS = Material Storage
PS = Project Storage

CUSTODIAL**I. PROGRAM PHILOSOPHY**

Staff and students can expect a clean and healthful environment in which to teach and learn. A properly organized, trained custodial staff has the ability to ensure the sanitation and regular cleaning in any facility, if their cleaning program is supported by the cooperation of the entire staff and student body. Custodians are allocated based on the size of the school (square feet) in sufficient numbers to maintain the cleanliness of the facility. Care must be exercised that cleaning is their primary function. Staff and students help ensure the success of a custodial program by avoiding abuse of the facility. Our investment in school facilities is protected by initial provision and utilization of sufficient effective equipment and personnel.

II. PROGRAM GOALS

To provide a safe, sanitary and aesthetically acceptable learning and work environment through proper utilization of human resources, materials, equipment and methods.

III. PROGRAM ACTIVITIES

The principal duties of the custodial staff are as follows:

- A. Prepare and maintain adherence to work schedules to ensure regular, daily cleaning of the entire facility.
- B. Maintain personal use facilities (restrooms, water fountains, shower rooms, sinks) in clean and sanitary condition to minimum standards of State Requirements for Educational Facilities (S.R.E.F.) regulations and in accordance with the "Instructional Handbook for Custodians."
- C. Assure that school grounds are kept free of litter and safety hazards.
- D. Report all hazardous conditions immediately.
- E. Observe all safety and fire regulations.
- F. Maintain security of buildings during non-school hours.
- G. Report any items in facility in need of repair.
- H. Maintain custodial equipment so it is clean and usable at all times.
- I. Use only authorized materials, methods and equipment to accomplish program goals.
- J. Maintain inventory of custodial supplies and reorder as necessary for timely replacement.

K. Use all manual, mechanical, electrical, and automatic equipment as directed.

IV. ORGANIZATIONAL NOMENCLATURE

Number of custodial staff determined as a function of Budget Department.

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

N/A

VI. JUSTIFICATION FOR VARIANCE FROM STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (S.R.E.F.)

A. 300 NSF for Golf Cart Storage Area to accommodate three electrical carts.

VII. PROGRAM FACILITIES LIST

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
CUSTODIAL (Middle School)						
	Custodial Closets			248		
1	Golf Cart Storage			300		
	TOTAL			548		0
CUSTODIAL (High School)						
	Custodial Closets			330		
	TOTAL			330		

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Service Closet (per closet)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1	X		Service sink (HW/CW).
1		X	Service Cart
	X		Built-ins (refer to special considerations)

B. Golf Cart Storage

No. of Items	Contractor Provided	District Provided (FF&E)	Description
3-4		X	Golf Carts, electrical
	X		Built-ins (refer to special considerations)

IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED

Refer to GENERAL CONSIDERATIONS, GENERAL SECURITY

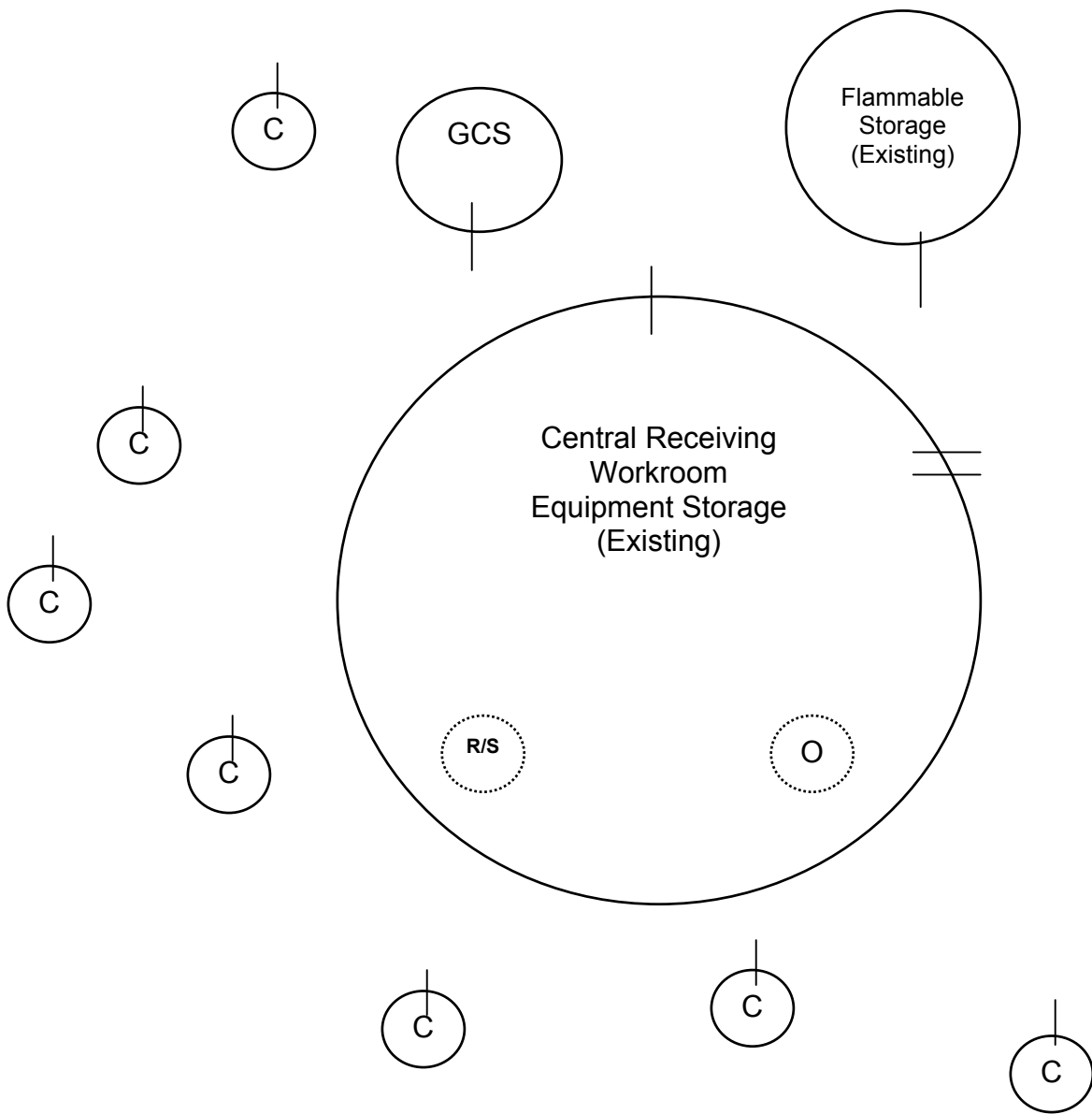
CONSIDERATIONS AND TRAFFIC CONTROLS.

- A. **Heating/Cooling/Ventilation** - As required to meet District Standards.
- B. **Acoustical** - As required to meet District Standards.
- C. **Floor** - As required to meet District Standards.
- D. **Walls** - As required to meet District Standards.
- E. **Ceiling** - As required to meet District Standards.
- F. **Lighting** - As required to meet District Standards.
- G. **Windows** - As required to meet District Standards.
- H. **Doors** - As required to meet District Standards. Provide metal door with at least 6' W opening for golf cart storage.
- I. **Water/Plumbing Fixtures** - As required to meet District Standards.
- J. **Communications** – As required to meet District Standards.
- K. **Electrical** - As required to meet District Standards.
- L. **Instructional Technology** - As required to meet District Standards.
- M. **Gas and Air** - As required to meet District Standards.
- N. **Safety** – As required to meet District Standards.
- O. **Fencing** - As required to meet District Standards.
- P. **Service Drives** - As required to meet District Standards.
- Q. **Parking** - Storage and charging area for battery-powered carts. As required to meet District Standards.
- R. **Built-ins** -
 - 1. **Service Closets** – Provide adjustable, 12"D, steel shelving, on one wall, mid-wall to ceiling.
 - 2. **Golf Cart Storage** – Provide adjustable, 12"D, steel shelving, on one wall, mid-wall to ceiling.
- S. **Other Considerations**

N/A

SPATIAL RELATIONSHIPS

Custodial



C = Closets, per SREF
O = Office
R/S = Restrooms, Showers & Lockers
GCS = Golf Cart Storage

EXCEPTIONAL STUDENT EDUCATION**I. PROGRAM PHILOSOPHY**

All exceptional students are entitled to receive appropriate educational services in the least restrictive environment which will enable them to have full equality of opportunity. Instructional program must fully meet the educational needs of students who deviate from the average to the extent that they require special education to develop their maximum potential.

II. PROGRAM GOALS

Students with special learning differences will be provided educational programs designed to meet their individual needs. Diagnostic evaluation, prescriptive planning and implementation of individual student programs will be provided.

III. PROGRAM ACTIVITIES

Students with special learning styles will be provided educational programs designed to meet their individual needs. Individualized and small group instruction will be provided in academic, learning strategies, prevocational/vocational, and daily living skills curriculum areas. Transitional services are provided for the employment bound and college bound students.

A. Specific Activities**1. Specific Learning Disabilities**

- a. Instruction in basic skills and learning strategies
- b. Functional life skills
- c. Vocational preparation

2. Emotionally Handicapped/Severely Emotionally Handicapped

- a. Behavior adjustment and group interaction, positive behavior management techniques, and affective curriculum
- b. Academic instruction: remedial, ESE or regular curriculum
- c. Functional life skills
- d. Vocational preparation

3. Educable Mentally Handicapped

- a. Instruction in basic academic skills, social studies and science
- b. Social/personal skills development
- c. Functional life skills
- d. Vocational preparation
- e. Community referenced based instruction

4. Physically Impaired/Profoundly Impaired

- a. Independence in daily living skills
- b. Instruction in academic skills development
- c. Independence in community living skills
- d. Employability skills
- e. Training in assistive technology

5. Adolescent Language Program (for eligible Language Impaired Students)

- a. Academic strand-therapeutic language arts within the context of regular curriculum framework
- b. Functional strand-therapeutic language arts within the context of daily living and functional skill curriculum

6. Hearing Impaired & Visually Impaired

- a. Instruction in academic skills
- b. Instruction in communication skills
- c. Instruction in life skills
- d. Vocational preparation

7. Laboratory (Trainable Mentally Handicapped Laboratory)

- a. Laboratory experiences for all exceptional students in activities including food management and preparation, clothing care and construction, home repairs, basic economics, and agriculture production and processing
- b. Simulated job interviews
- c. Appropriate social skills

8. Supplementary Instruction

- a. Individualized or small group therapy
- b. Diagnostic testing
- c. Itinerant instruction (Hearing Impaired, Visually Impaired, Speech Language Impaired)
- d. Psychological evaluations

9. Resource Room

- a. Individualized or small group instruction
- b. Reinforce/enrich basic instruction

IV. ORGANIZATIONAL NOMENCLATURE

Teacher - Student Ratio

Self contained Instructional Classrooms: 1:10

Includes Physically Handicapped, Emotionally Handicapped and Trainable Mental Handicapped.

Part-Time Instructional Classrooms: 1:15

Includes Educable Mentally Handicapped, Specific Learning Disability, Hearing/Visually Impaired.

Laboratory: 1:12

Grade Levels for Which Program is Intended: 6-8

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

- A. After school and Adult Education classes specific to each exceptionality, e.g., Emotionally Handicapped - day treatment.
- B. **General Use** - Availability of interactive video with appropriate hook-ups. Access to a computer in each classroom.
- C. **Laboratory** - This area shall be designed as a F.A.C.B.C. model apartment for teaching life skills (Trainable Mentally Handicapped Laboratory). It includes kitchen, laundry and bathroom facilities.
- D. Other instructional uses can be for programs for English for Speakers of Other Languages.

VI. JUSTIFICATION FOR VARIANCE FROM STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (S.R.E.F.)

- A. ESE classrooms and related spaces shall be disbursed throughout the campus in compliance with the School District inclusion philosophy and can be used as general classrooms for flexibility purposes.
- B. **Laboratory** - This area shall be designed as a F.A.C.B.C. model apartment for teaching life skills. It includes kitchen, laundry, and bathroom facilities. The apartment shall be located on the first floor, adjacent to at least two (2) Self Contained classrooms.
- C. Material Storage and Student Storage shall be folded into the Resource Rooms to create a larger instructional space.
- D. ESE classrooms should be located on the ground floor whenever possible.

VII. PROGRAM FACILITIES LIST

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
EXCEPTIONAL STUDENT EDUCATION						
1	Laboratory			1,140	12	12
1	Material Storage			155		
1	Student Storage			40		
1	Restrooms & Showers (from allotment)					
	Subtotal			1,335		
2	ESE Resource Room		672	1,344		
2	Material Storage		155	310		
2	Student Storage		40	80		
	Subtotal		867	1,734		
	TOTAL			3,069		12

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Laboratory

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Appropriate furniture for a one-bedroom apartment
1	X		Stainless steel, double sink with goose neck faucet (CW)
1	X		Refrigerator
1	X		Dishwasher
1	X		Washer
1	X		Dryer
1	X		Hooded stove & oven
1	X		Microwave oven
1	X		Garbage disposal
4		X	Computers
2		X	Printers
1	X		Marker Board, 4' x 16', with map rails and flag holder
2	X		Tack Board, 4' x 4'
1	X		Clock
1	X		TV/Multimedia Cabinet (refer to general considerations)
	X		Built-ins (refer to special considerations)

Note: All appliances must meet ADA compliance.

B. Resource Room

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Teacher desk and chair
1		X	File cabinet, four-drawer, vertical or lateral lockable
1-2		X	Activity table
7		X	Chairs, stackable, 17", plastic
1	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
2	X		Marker Board, 4' x 8', with map rails and flag holder
2	X		Tack Board, 4' x 4'
1	X		6' x 8' video format screen with black masking borders
4		X	Computers
2		X	Printers
1	X		Pencil sharpener with proper backing
1	X		Clock
1	X		TV/Multimedia Cabinet (refer to general considerations)
	X		Built-ins (refer to special considerations)

IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED

Refer to **GENERAL CONSIDERATIONS, GENERAL SECURITY CONSIDERATIONS AND TRAFFIC CONTROL.**

- A. **Heating/Cooling/Ventilation** – As required to meet District Standards.
- B. **Acoustical** - As required to meet District Standards.
- C. **Floor** – As required to meet District Standards.
- D. **Walls** - As required to meet District Standards.
- E. **Ceiling** - As required to meet District Standards.
- F. **Lighting** – As required to meet District Standards.
- G. **Windows** – As required to meet District Standards.
- H. **Doors** – As required to meet District Standards.
- I. **Water/Plumbing Fixtures** - As required to meet District Standards.
- J. **Communications** - As required to meet District Standards. Provide a telephone jack and a dedicated line for telecommunication hearing and visually impaired.

- K. **Electrical** - As required to meet District Standards.
- L. **Instructional Technology** - As required to meet District Standards.
- M. **Gas and Air** - As required to meet District Standards.
- N. **Safety** – As required to meet District Standards.
- O. **Fencing** – As required to meet District Standards.
- P. **Service Drives** - As required to meet District Standards. Laboratory shall be accessible for commercial delivery.
- Q. **Parking** – As required to meet District Standards.
- R. **Built-ins**
 - 1. **All ESE Instructional spaces**
 - a. Provide base cabinets with lockable doors and adjustable shelves and upper cabinets with lockable doors and adjustable shelves.
 - b. Provide built-in bookcase, 60”L x 15”D x 40”H with adjustable shelves.
 - c. Provide computer counter to accommodate four (4) computers and two (2) printers (14’W x 30”D). The counter shall have grommets for wire management.
 - d. Provide TV/Multimedia cabinet, approximately 48” in height with the TV monitor sitting on top of the cabinet. The TV/Multimedia cabinet shall include lockable doors with adjustable shelving for multimedia equipment. The TV/Multimedia cabinet shall also have grommets for wire management. The TV/Multimedia cabinet shall be located along or near the teaching wall
 - 2. **Laboratory**
 - a. Provide storage unit, 12”D x 36”W x 84”H, adjustable shelves.
 - b. Provide storage unit (3), 18”D x 36”W x 84”H, adjustable shelves.
 - c. Provide floor-to-ceiling shelves with compartments, 18”W x 12”D.
 - d. Clothing/Laundry Area
 - (1) Provide storage cabinets, 18”D x 36”W x 84”H, adjustable shelves and locks
 - e. Kitchen Area Equipment

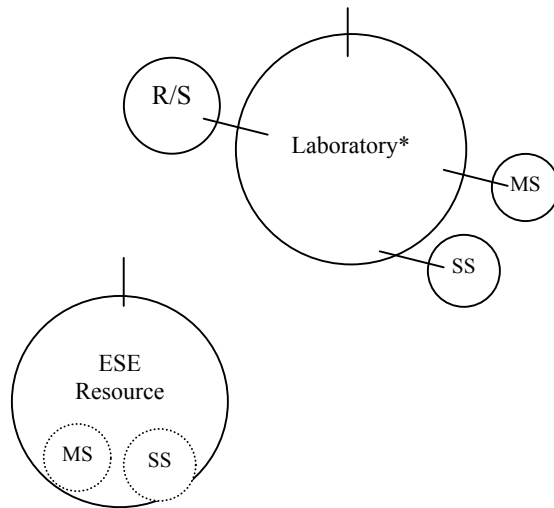
- (1) Provide base and upper cabinets with doors; two bases with one drawer each and one base with four drawers
- (2) Provide food storage cabinet, approximately, 36”D x 12”W x 36”H, over base cabinet
- (3) Provide closed base cabinet (2), with one drawer each
- (4) Provide island with scratch resistant cutting surface

R. Other Considerations -

1. The use of observation window(s) in ESE classroom(s) will be reviewed on a school by school basis.
2. The architect shall work with District staff with regards of the placement of ESE classrooms on the floor plan.

SPATIAL RELATIONSHIPS

Exceptional Student Education



R/S = Restroom /Shower

MS = Material Storage

SS = Student Storage

Laboratory shall be adjacent to (2) two Self-contained classrooms. Other spaces to be distributed throughout school

Not all spaces are shown

GENERAL CLASSROOMS**I. PROGRAM PHILOSOPHY**

During the middle school years, the child experiences rapid mental, physical, social and emotional growth. This stage of development demands a flexible program designed to satisfy individual needs. Teaching goals shall extend opportunities to the students for improvement of self-concepts through successful learning experiences.

II. PROGRAM GOALS

- A. Provide a broad and flexible program which allows for individual differences.
- B. Provide activities and materials to develop skills conducive to effective performance: listening, speaking, reading, writing, grammar and studying.
- C. Provide experiences and opportunities for children to develop skills in critical thinking, deductive and inductive reasoning, and in problem solving.
- D. Develop creativity, positive attitudes and ideals.
- E. Develop critical thinking skills.

III. PROGRAM ACTIVITIES

N/A

IV. ORGANIZATIONAL NOMENCLATURE

Teacher - Student Ratio: 1:22

Grade Levels for Which Program is Intended: 6 - 8

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

N/A

VI. JUSTIFICATION FOR VARIANCE FROM STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (S.R.E.F.)

- A. Material Storage and Teacher Planning shall be folded into classroom to create a classroom of 900 NSF.

VII. PROGRAM FACILITIES LIST

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
GENERAL CLASSROOMS						
1	Classroom			750	22	22
1	Material Storage			90		
1	Teacher Planning			60		
	TOTAL			900		22

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Classroom

No. of Items	Contractor Provided	District Provided (FF&E)	Description
22		X	Student Combo Desk
1		X	Teacher desk and chair
1		X	File cabinet, four-drawer, legal, lateral, lockable
1		X	Table, 30" x 72"
1		X	Bookcase
4-10		X	Chairs, stackable, 17", plastic
1		X	Lectern
1		X	Stool
2	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
1	X		Marker board, 4' x 16', with map rails and flag holder
2	X		Tack Board, 4' x 4'
1	X		6' x 8' video format screen with black masking borders
4		X	Computers
2		X	Printers
1	X		Pencil sharpener with proper backing
1	X		Clock
1	X		TV/Multimedia Cabinet (refer to general considerations)
	X		Built-ins (refer to special considerations)

IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED

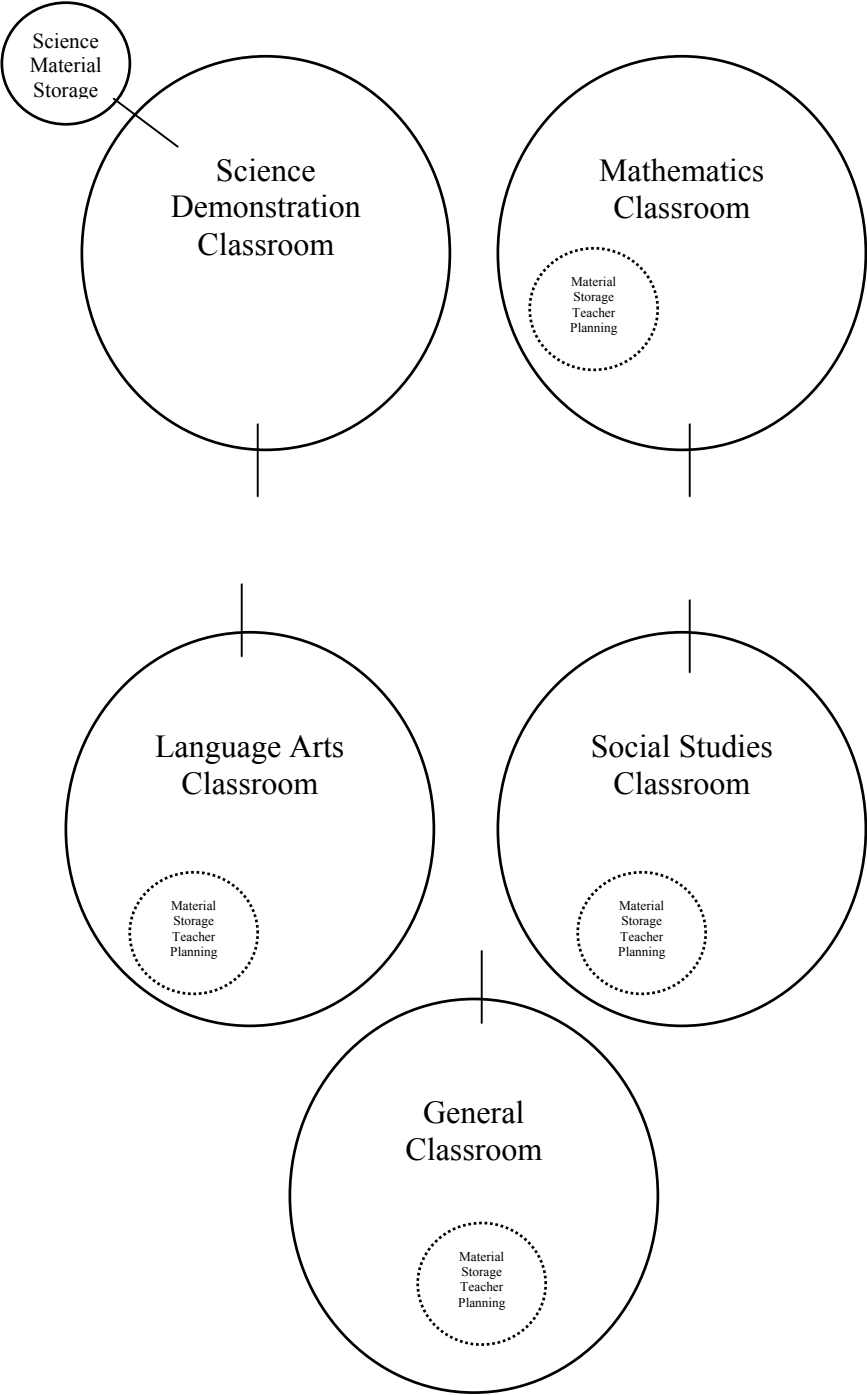
Refer to **GENERAL CONSIDERATIONS, GENERAL SECURITY CONSIDERATIONS AND TRAFFIC CONTROL.**

- A. Heating/Cooling/Ventilation** – As required to meet District Standards.
- B. Acoustical** - As required to meet District Standards.
- C. Floor** – As required to meet District Standards.
- D. Walls** - As required to meet District Standards.

- E. **Ceiling** - As required to meet District Standards.
- F. **Lighting** – As required to meet District Standards.
- G. **Windows** – As required to meet District Standards.
- H. **Doors** – As required to meet District Standards.
- I. **Water/Plumbing Fixtures** - As required to meet District Standards.
- J. **Communications** - As required to meet District Standards.
- K. **Electrical** - As required to meet District Standards.
- L. **Instruction Technology** - As required to meet District Standards.
- M. **Gas and Air** - As required to meet District Standards.
- N. **Safety** – As required to meet District Standards.
- O. **Fencing** – As required to meet District Standards.
- P. **Service Drives** – As required to meet District Standards.
- Q. **Parking** – As required to meet District Standards.
- R. **Built-ins**
 - 1. Provide base cabinet with lockable doors and adjustable shelves, and upper cabinets with lockable doors and adjustable shelves.
 - 2. Provide built-in bookcase, 5'L x 15"D x 40"H with adjustable shelves.
 - 3. Provide computer counter to accommodate four (4) computers and two (2) printers (14'W x 30"D). The counter shall have grommets for wire management.
 - 4. Provide TV/Multimedia cabinet, approximately 48" in height with the TV monitor sitting on top of the cabinet. The TV/Multimedia cabinet shall include lockable doors with adjustable shelving for multimedia equipment. The TV/Multimedia cabinet shall also have grommets for wire management. The TV/Multimedia cabinet shall be located along or near the teaching wall.
- S. **Other Considerations** - N/A

SPATIAL RELATIONSHIPS

Campus Functional Relationship Diagram



LANGUAGE ARTS

I. PROGRAM PHILOSOPHY

The middle school Language Arts program is designed to assist students in achieving the basic communication skills of listening, speaking, reading, writing, grammar and study skills. Through acquisition of the communication skills, students will learn to solve problems, analyze, interpret and communicate information effectively.

During the middle school years, the child experiences rapid mental, physical, social and emotional growth. This stage of development demands a flexible Language Arts program designed to satisfy individual needs. Teaching goals shall extend opportunities to the students for improvement of self-concepts through successful learning experiences.

II. PROGRAM GOALS

- A. Provide a broad and flexible program which allows for individual differences.
- B. Provide activities and materials to develop skills conducive to effective performance in all areas of Language Arts: listening, speaking, reading, writing, grammar and studying.
- C. Provide experiences and opportunities for children to develop skills in critical thinking, deductive and inductive reasoning, and in problem solving.
- D. Develop creativity, positive attitudes and ideals.
- E. Develop critical thinking skills.

III. PROGRAM ACTIVITIES

A. Courses Offered

- 1. Reading Laboratory
- 2. Reading: remedial, corrective developmental
- 3. English 6: basic, regular, advanced
- 4. English 7: basic, regular, advanced
- 5. English 8: basic, regular, advanced
- 6. Compensatory English
- 7. Gifted English
- 8. Writing Laboratory
- 9. Drama
- 10. Speech
- 11. Journalism

B. Teacher Activities

1. Organize for instruction.
2. Keep appropriate record.
3. Confer with parent.
4. Organize and develop Language Arts materials.
5. Participate in school and professional activities.
6. Plan, identify, diagnose, prescribe and counsel, based on individual need.
7. Inform and explain through direct and indirect teaching.

C. Student Activities

1. Participate in class activities.
2. Participate in school-related activities.
3. Study independently.
4. Use required materials.
5. Adhere to classroom policy.

IV. ORGANIZATIONAL NOMENCLATURE

Teacher - Student Ratio 1:22

Grade Levels for Which Program is Intended 6 - 8

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

- A. Computer outlets shall be included in all English classrooms for instruction in Computer Literacy and Word Processing.

VI. JUSTIFICATION FOR VARIANCE FROM STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (S.R.E.F.)

- A. Material Storage and Teacher Planning shall be folded into classroom to create a classroom of 900 NSF.

VII. PROGRAM FACILITIES LIST

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
LANGUAGE ARTS						
2	Classroom		750	1,500	22	44
2	Material Storage		90	180		
2	Teacher Planning		60	120		
	TOTAL		900	1,800		44

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Classroom

No. of Items	Contractor Provided	District Provided (FF&E)	Description
22		X	Student Combo Desk
1		X	Teacher desk and chair
1		X	File cabinet, four-drawer, legal, lateral, lockable
1		X	Table, 30" x 72"
1		X	Bookcase
4-10		X	Chairs, stackable, 17", plastic
1		X	Lectern
1		X	Stool
2	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
1	X		Marker board, 4' x 16', with map rails and flag holder
2	X		Tack Board, 4' x 4'
1	X		6' x 8' video format screen with black masking borders
4		X	Computers
2		X	Printers
1	X		Pencil sharpener with proper backing
1	X		Clock
1	X		TV/Multimedia Cabinet (refer to general considerations)
	X		Built-ins (refer to special considerations)

IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED

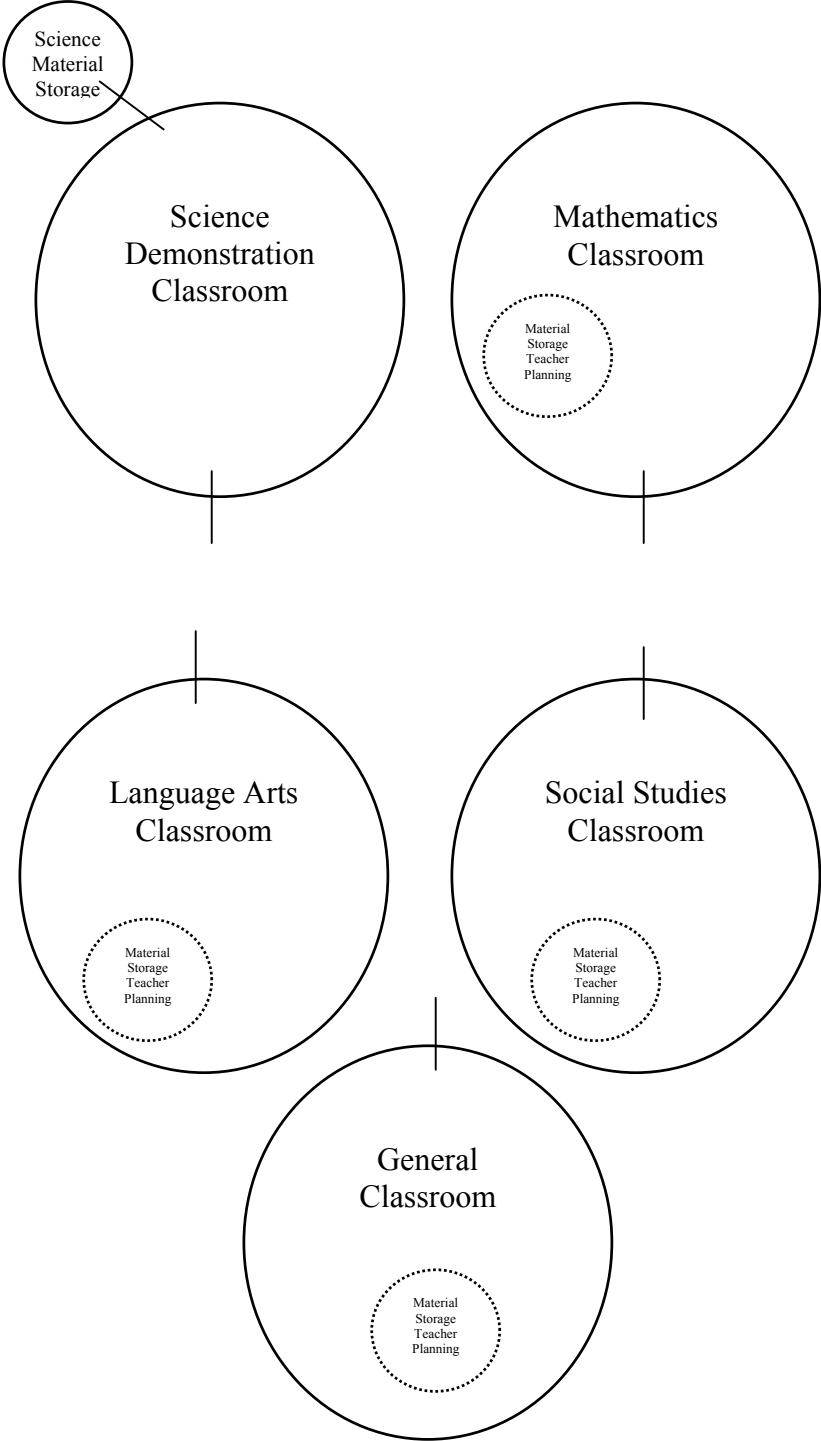
Refer to GENERAL CONSIDERATIONS, GENERAL SECURITY CONSIDERATIONS AND TRAFFIC CONTROL.

- A. Heating/Cooling/Ventilation - As required to meet District Standards.
- B. Acoustical - As required to meet District Standards.
- C. Floor – As required to meet District Standards.
- D. Walls - As required to meet District Standards.
- E. Ceiling - As required to meet District Standards.
- F. Lighting – As required to meet District Standards.
- G. Windows – As required to meet District Standards.
- H. Doors – As required to meet District Standards.
- I. Water/Plumbing Fixtures - As required to meet District Standards.
- J. Communications - As required to meet District Standards.

- K. **Electrical** - As required to meet District Standards.
- L. **Instruction Technology** - As required to meet District Standards.
- M. **Gas and Air** - As required to meet District Standards.
- N. **Safety** – As required to meet District Standards.
- O. **Fencing** – As required to meet District Standards.
- P. **Service Drives** – As required to meet District Standards.
- Q. **Parking** – As required to meet District Standards.
- R. **Built-ins**
 - 1. Provide base cabinet with lockable doors and adjustable shelves, and upper cabinets with lockable doors and adjustable shelves.
 - 2. Provide built-in bookcase, 5’L x 15”D x 40”H with adjustable shelves.
 - 3. Provide computer counter to accommodate four (4) computers and two (2) printers (14’W x 30”D). The counter shall have grommets for wire management.
 - 4. Provide TV/Multimedia cabinet, approximately 48” in height with the TV monitor sitting on top of the cabinet. The TV/Multimedia cabinet shall include lockable doors with adjustable shelving for multimedia equipment. The TV/Multimedia cabinet shall also have grommets for wire management. The TV/Multimedia cabinet shall be located along or near the teaching wall.
- S. **Other Considerations** - N/A

SPATIAL RELATIONSHIPS

Campus Functional Relationship Diagram



MATHEMATICS**I. PROGRAM PHILOSOPHY**

The complexity of society today demands the diverse abilities of all its members. Therefore, it is imperative that students be helped to develop their unique abilities to their peak potentials by offering courses of Mathematics at each student's ability level.

II. PROGRAM GOALS

- A. Provide students the opportunity to develop competency in the basic skills.
- B. Help students understand the structure of Mathematics.
- C. Provide students an opportunity to understand Mathematics as a means of communicating number ideas.
- D. Provide students the opportunity to develop their reasoning abilities.
- E. Provide students the opportunity to apply Mathematics to other disciplines.
- F. Provide students the opportunity to apply Mathematics to the solutions of real world problems.
- G. Provide students the opportunity to appreciate the role Mathematics has played in the development of civilization.
- H. Provide students the opportunity to develop computer and other technology skills.

III. PROGRAM ACTIVITIES**A. Courses Offered**

- 1. Mathematics 6, Regular and Advanced
- 2. Mathematics 7, Regular and Advanced
- 3. Mathematics 8, Regular and Advanced
- 4. Algebra I, Regular and Honors
- 5. Geometry Honors
- 6. Middle/Jr. High Intensive Mathematics

B. Teacher Activities

- 1. Utilize lecture/class discussion.
- 2. Use audio-visual aids such as ITV, film, video cassettes, and overhead calculators.
- 3. Demonstrate on marker board, overhead projector and with computer simulation.
- 4. Teach, test, and remedial individuals, small groups and large groups.
- 5. Lead group activities.
- 6. Plan in teams and individually.
- 7. Answer individual student questions.

8. Prepare students local, state, and national mathematics competitions.
9. Confer with individual students.
10. Plan bulletin boards and interest centers.
11. Make recommendations as to selection of materials and equipment.
12. Assist with assembly programs.
13. Sponsor enrichment programs.
14. Help to plan and to lead field trips.
15. Participate in teacher, parent and student conferences.
16. Use manipulatives in the instructional process.
17. Coordinate student use of manipulatives to facilitate the learning process.
18. Provide for cooperative team learning.

C. Student Activities

1. Independent study.
2. Study in cooperative learning groups of two or more.
3. Complete small group assignments.
4. Complete large group assignments.
5. View ITV, videos and overhead calculators in groups and individually.
6. Marker board work.
7. Individual seat work.
8. Listen.
9. Complete homework assignments.
10. Computer work station.

IV. ORGANIZATIONAL NOMENCLATURE

Teacher - Student Ratio 1:22

Grade Levels for Which Program Is Intended 6 - 8

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

It is planned that Mathematics departments will institute computer courses as curricular requirements in every school. The addition of these courses will require a computer laboratory with the appropriate hardware and software.

VI. JUSTIFICATION FOR VARIANCE FROM STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (S.R.E.F.)

- A. Material Storage and Teacher Planning shall be folded into classroom to create a classroom of 900 NSF.

VII. PROGRAM FACILITIES LIST

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
MATHEMATICS						
2	Classroom		750	1,500	22	44
2	Material Storage		90	180		
2	Teacher Planning		60	120		
	TOTAL		900	1,800		44

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Classroom

No. of Items	Contractor Provided	District Provided (FF&E)	Description
22		X	Student Combo Desk
1		X	Teacher desk and chair
1		X	File cabinet, four-drawer, legal, lateral, lockable
1		X	Table, 30" x 72"
1		X	Bookcase
4-10		X	Chairs, stackable, 17", plastic
1		X	Lectern
1		X	Stool
2	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
1	X		Marker board, 4' x 16', with map rails and flag holder
2	X		Tack Board, 4' x 4'
1	X		6' x 8' video format screen with black masking borders
4		X	Computers
2		X	Printers
1	X		Pencil sharpener with proper backing
1	X		Math, Cartesian graph, permanent marker board or roll-up type and circle, similar to map set-ups. If none available, an extra board with a permanent Cartesian graph and circle, 4' x 4'
1	X		Clock
1	X		TV/Multimedia Cabinet (refer to general considerations)
	X		Built-ins (refer to special considerations)

IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED

Refer to **GENERAL CONSIDERATIONS, GENERAL SECURITY CONSIDERATIONS AND TRAFFIC CONTROL.**

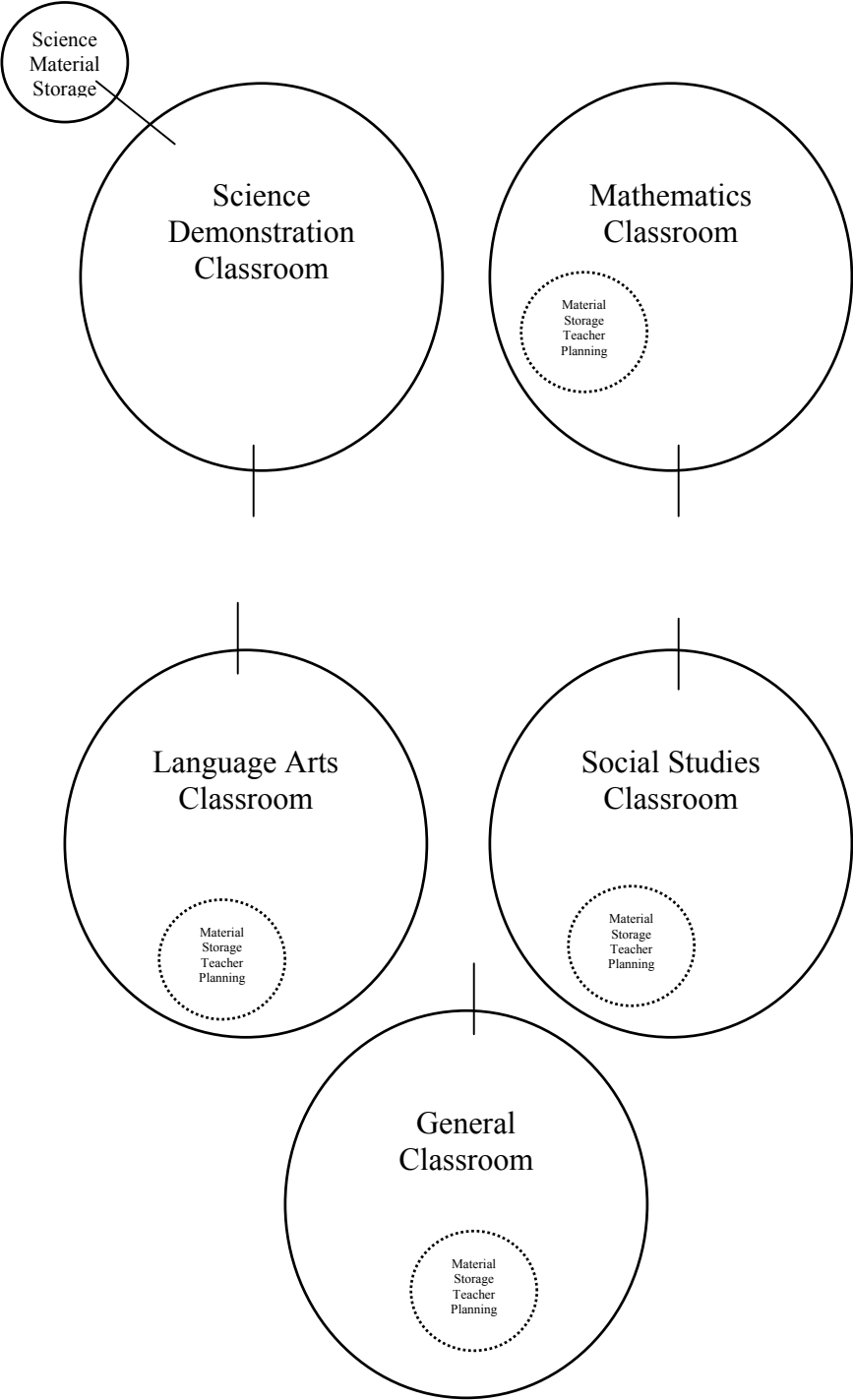
A. Heating/Cooling/Ventilation - Refer to the HVAC System Design Requirements for the SDPBC for specific requirements.

B. Acoustical - As required to meet District Standards.

- C. **Floor** – As required to meet District Standards.
- D. **Walls** - As required to meet District Standards.
- E. **Ceiling** - As required to meet District Standards.
- F. **Lighting** – As required to meet District Standards.
- G. **Windows** – As required to meet District Standards.
- H. **Doors** – As required to meet District Standards.
- I. **Water/Plumbing Fixtures** - As required to meet District Standards.
- J. **Communications** - As required to meet District Standards.
- K. **Electrical** - As required to meet District Standards.
- L. **Instruction Technology** - As required to meet District Standards.
- M. **Gas and Air** - As required to meet District Standards.
- N. **Safety** – As required to meet District Standards.
- O. **Fencing** – As required to meet District Standards.
- P. **Service Drives** – As required to meet District Standards.
- Q. **Parking** – As required to meet District Standards.
- R. **Built-ins**
 1. Provide base cabinet with lockable doors and adjustable shelves, and upper cabinets with lockable doors and adjustable shelves.
 2. Provide built-in bookcase, 5'L x 15"D x 40"H with adjustable shelves.
 3. Provide computer counter to accommodate four (4) computers and two (2) printers (14'W x 30"D). The counter shall have grommets for wire management.
 4. Provide TV/Multimedia cabinet, approximately 48" in height with the TV monitor sitting on top of the cabinet. The TV/Multimedia cabinet shall include lockable doors with adjustable shelving for multimedia equipment. The TV/Multimedia cabinet shall also have grommets for wire management. The TV/Multimedia cabinet shall be located along or near the teaching wall.
- S. **Other Considerations** - N/A

SPATIAL RELATIONSHIPS

Campus Functional Relationship Diagram



MUSIC

I. PROGRAM PHILOSOPHY

The purpose of the Music Education Program in the Middle Schools of Palm Beach County is to develop in students the sensitivities, cultural values, and skills necessary to aesthetically respond to and enjoy Music. The development of creative response can be greatly enhanced through Music education.

The Middle School Music Program must offer those experiences which enable a student to listen to, appreciate, compose, and perform Music. Through these four experiences the objectives of Music education can be achieved.

II. PROGRAM GOALS

- A. Learn to respond to Music.
- B. Develop a knowledge of Music skills.
- C. Learn to produce Music.
- D. Learn to make judgments about the quality of Music.
- E. Provide the learner with meaningful and satisfying Music experiences.

III. PROGRAM ACTIVITIES

A. Band/Orchestra Classroom (Maximum 80 students)

1. Beginning band
2. Intermediate band
3. Advanced band
4. Beginning orchestra
5. Community band/orchestra

B. Vocal Music Classroom (Maximum 80 students)

1. Beginning chorus
2. Intermediate chorus
3. Advanced chorus
4. Boy's chorus
5. Select Girl's chorus
6. Vocal ensemble/show chorus with choreography
7. Community chorus

C. General Music (Maximum 30, sixth grade students)

1. Singing (unison and part)
2. Theory
 - a. Intervals
 - b. Rhythms
 - c. Forms or style
 - d. Harmony and melody
 - e. Timbre
 - f. Dynamics

3. History
4. Creativity
5. Electronic Music

D. Recording vocal and instrumental music

E. Management, planning, conferencing

1. Office space for band director and choral director teachers; separate space for each
2. Pupil/parent conference

F. Preparation of materials

1. Duplication of materials

G. Storage of Materials

1. Instruments
2. Robes/uniforms
3. Props

IV. ORGANIZATIONAL NOMENCLATURE

Teacher - Student Ratio Varies
Grade Levels for Which Program is Intended 6-8

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

N/A

VI. JUSTIFICATION FOR VARIANCE FROM STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (S.R.E.F.)

- A. The Music Classroom will be used for both Vocal and Band.

VII. PROGRAM FACILITIES LIST

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
1	Music Classroom			2,000	45	45
1	Ensemble Room			300		
1	Practice Room			70		
1	Reference Room & Material Storage			255		
1	Instrument Storage			600		
1	Uniform/Robe Storage			175		
1	Teacher Planning (from allotment)			100		
	TOTAL			3,500		45

VIII. PROGRAM FURNITURE AND EQUIPMENT

The following is a suggested Musical list with concentration on design considerations for instrument storage area. This list is a guideline and not a required list.

A. Band

No. of Items	Contractor Provided	District Provided (FF&E)	Description
80		X	Music posture chair
70		X	Music stand, adjustable
1		X	Acoustical shell, rollaway (16 unit)
6		X	File cabinet, four-drawer, legal, lateral, lockable
2		X	Chair
1		X	Movable director's podium shall be raised 14" above the lowest level and be sufficiently large for conductor's stand and stool, plus band direction
1		X	Bookcase, adjustable, 10"D shelving
1		X	Deluxe conductor system
1		X	Microphone and speaker system
1		X	Piano
1		X	Band/orchestra folio cabinet
2		X	Band/orchestra folio cabinet, caster base with 100 slots (each clot 12 1/2"w x 14"d x 1 3/8"h)
1	X	X	Sound system: tape recorder, CD, stereo, stereo amplifier, speaker (4), recording microphone (2), cassette recorder (high quality) & microphone stand (2) (refer to special considerations)
1		X	Portable stereo cabinet
4		X	Computer
2		X	Printer, upright
2	X		Marker Board, 4' x 16', with map rails and flag holder.
2	X		Marker board, 4' x 8', with staff
1	X		Tack Board, 4' x 4'
1	X		6' x 8' video format screen with black masking borders
1	X		Pencil sharpener with proper backing
1	X		Teacher storage cabinet, 36'W x 30"D x 72"H, with

No. of Items	Contractor Provided	District Provided (FF&E)	Description
			adjustable shelving, lockable
1	X		Clock
1	X		TV/Multimedia Cabinet (refer to general considerations)
	X		Built-ins (refer to special considerations)
1	X		Speakers built into classrooms that can be utilized with or without recording room equipment (refer to special considerations)

B. Vocal

No. of Items	Contractor Provided	District Provided (FF&E)	Description
80		X	Music posture chair
5		X	File cabinet, four-drawer, legal, lateral, lockable
2		X	Choral folio cabinet (2), with caster base
1		X	Acoustical shell (7 unit), rollaway
1		X	Grand piano, 6'
1		X	Deluxe conductor system
1	X	X	Sound system: 100-watt stereo mixer, vinyl protective cover, fold-up powered table, 100S speaker (2), 50' speaker cord (2), Speaker stand (2), area microphone (2), vocalist microphone (2), mike stand (4), extension cord, 25', tote box for microphone stands, etc. (refer to special considerations)
1		X	Portable stereo cabinet
1		X	Seated Choral Risers with backrails (8 units) Placement shall be along the widest uninterrupted wall
1		X	Teacher chair with casters
4		X	Computer
2		X	Printer
2	X		Marker Board, 4' x 16', with map rails and flag holder.
2	X		Marker board, 8' x 4', with staff
1	X		Tack Board, 4' x 4'
1	X		6' x 8' video format screen with black masking borders
1	X		Pencil sharpener with proper backing
1	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
1	X		Clock
1	X		TV/Multimedia Cabinet (refer to general considerations)
	X		Built-ins (refer to special considerations)
1	X		Speakers built into classrooms that can be utilized with or without recording room equipment (refer to special considerations)
1		X	Standing riser system, portable (8 units) Placement shall be along the widest uninterrupted wall

C. Ensemble and Practice Room

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Piano, upright, one for each room

No. of Items	Contractor Provided	District Provided (FF&E)	Description
	X		Built-ins (refer to special considerations)

D. Teacher Planning (per)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Filing cabinet, four drawer, legal, lateral & lockable
1		X	Teacher Desk and chair
1		X	Computer & printer

IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED

Refer to **GENERAL CONSIDERATIONS, GENERAL SECURITY CONSIDERATIONS AND TRAFFIC CONTROLS.**

A. Heating/Cooling/Ventilation – As required to meet District Standards.

B. Acoustical - As required to meet District Standards. Provide optimum acoustics for rehearsal and teaching areas. Some considerations are as follows:

1. Two main acoustical factors: optimum acoustical environment and optimum hearing conditions by director and every student.
2. Acoustical environment: the maximum background noise level is 25 decibels with the optimum somewhat lower.
3. Reverberation time to allow for the separation of successive sounds is a critical problem in designing rehearsal facilities. The optimum reverberation time for a large rehearsal room is 1.1 seconds. If the time falls below .8 seconds for the band area, or 1.0 seconds for choral area, the room becomes too dead for effective use. If the time is much greater than 1.1 seconds for band, or 1.2 seconds for chorus, then boom, echo, and over-loudness will result, causing severe distortion of sound and producing an impossible rehearsal situation. It shall be noted that the reverberation times for band and choral rehearsal rooms are different and shall not be planned in the same way.
4. Proper distribution of sound depends upon the uniform diffusion of all sounds throughout the room.
5. Frequency levels throughout the full spectrum of audible sound must be allowed to be diffused equally. A proper balancing of materials is essential to eliminate the distortion caused by lack of attention to this detail.
6. Expert advice shall be sought in designing a Music room.
7. Soft wall-finish materials shall be limited to locations higher than students can bump into or reach, i.e., a minimum of 6' above floor.

C. Floor – As required to meet District Standards. Vocal room and band room shall be

flat and unobstructed.

- D. **Walls** - As required to meet District Standards. All walls acoustically treated to prevent sound transfer to adjacent spaces used for instruction. Walls shall be constructed to roof deck. Walls and ceilings shall be acoustically treated to provide maximum acoustical effect in each classroom, ensemble room and Music practice room. Provide mirror on one wall in each practice room.
- E. **Ceiling** - As required to meet District Standards. Acoustically treated for best musical sound in each classroom, ensemble room and Music practice room. The band room ceiling shall be 22' and the vocal room ceiling shall be 20'.
- F. **Lighting** – As required to meet District Standards.
- G. **Windows** - As required to meet District Standards. No outside windows. No windows in or near entrance doors. View windows into classrooms and practice areas. Observation windows from teacher planning to classroom areas. Windows in instructional area shall be acoustically treated to reduce sound transmission.
- H. **Doors** - As required to meet District Standards. Doors must be secure against break-in to protect equipment. Doors and walls in instructional area shall be acoustically treated to reduce sound transmission. The double door with removable mullions from the rehearsal area to the outside shall be designed so that large instruments can be moved and groups of students can enter and exit quickly.
- I. **Water/Plumbing Fixtures** – As required to meet District Standards.
- J. **Communications** - As required to meet District Standards.
- K. **Electrical** - As required to meet District Standards. Provide master switch for the instrumental and choral areas inside and near the entrance. Each side wall and back wall shall have a minimum of three outlets. The front wall shall have at least four placed at convenient intervals. In addition, retractable floor outlets shall be provided as follows: one at the director's podium location and six at equal intervals. Microphone plug-ins shall be provided in the front of the room -- one at director's podium, plus one on each side at front, 10' apart. In addition, (2) microphone jacks shall be placed in the ceiling so microphones could hang; they shall be placed in front of the room about 10' from the front wall and spaced about 12' - 15' apart. The contractor shall provide surround system wiring, speakers, base, subwoofer, etc. for laboratory. The District shall provide the musical equipment, stereo, recorder, CD player, etc.
- L. **Instructional Technology** - As required to meet District Standards.
- M. **Gas and Air** - As required to meet District Standards.
- N. **Safety** – As required to meet District Standards.
- O. **Fencing** - As required to meet District Standards.
- P. **Service Drives**

1. Provide bus access at or near the building.
2. The service road shall provide access to the loading doors of the building, especially to the instrumental side, for loading of heavy equipment.
3. Service roadways and exterior loading areas shall be well lighted for night use.
4. As required to meet District Standards.

Q. Parking - As required to meet District Standards.

R. Built-ins

1. **Instrument Storage** – Provide special built-in shelves maximum amount, full height, appropriate to size of each instrument case from flute to tuba and drum size, lockable.
 - a. 2 sets of 27 ½”w x 19 ¼”d x 85 5/8”h to store 15 clarinets, flutes, piccolos or oboes
 - b. 2 sets of 27 ½”w x 29 ½”d x 85 5/8”h to store 9 clarinets, flutes, piccolos or oboes and french horn, alto horn or snare drum.
 - c. 3 sets of 27 ½” w x 29 ¼”d x 85 5/8” h to store 10 trumpets, cornets or alto saxophones.
 - d. 3 sets of 27 ½” w x 39 ¼”d x 85 5/8” h to store 10 trombones, bassoons, bass clarinets, violins, violas, tenor saxophones or alto clarinets.
 - e. 2 sets of 27 ½” w x 29 ¼”d x 85 5/8” h to store 1 string bass, contra bass clarinet or bass drum, or use for general storage.
 - f. 5 sets of 27 ½” w x 29 ¼”d x 85 5/8” h to store 3 french horns, alto horns or snare drums.
 - g. 2 sets of 27 ½” w x 39 ¼”d x 85 5/8” h to store 3 baritones, euphoniums or mellophones.
 - h. 2 sets of 48 ½” w x 29 ¼”d x 85 5/8” h to store 3 baritone saxophones, bass clarinets, bassoons, field drums or snare drums or for general storage.
 - i. 3 sets of 14 3/8” w x 29 ¼”d x 85 5/8” h to store 5 trumpets, cornets, alto saxophones.
 - j. 4 sets of 27 ½” w x 39 ¼”d x 85 5/8” h to store 2 bass drums, field drums, snare drums, or parade drums.
 - k. 4 sets of 48 ½” w x 29 ¼”d x 85 5/8” h to store 2 bass drums, field drums, snare drums, parade drums, tri-toms, quads, tubas or sousaphones (bell

attached).

- l. 1 set of 60 ½" w x 39 ¼" d x 85 5/8" h to store 1 timpani, chimes, small vibes and xylophones, marimbas and gongs. Adjust from 46" to 70".
- j. 1 set of 48" w x 48" d x 85 5/8" h to accommodate up to six 48" wide adjustable shelves or up to six 360-degree revolving shelves.
- k. It is preferred that the instrument storage cabinets are located in the instrument storage room. If instrument storage cabinets are located in the classroom, they should have lockable grill doors to minimize the amount of lost cubic volume.

2. Material Storage (Band & Vocal)

- a. Provide shelving, maximum amount, full-height, 10'W.
- b. For Vocal Room, provide folio storage cabinet with a minimum of 200 slots. Slots should be vertical and measure 10"h x 2"w x 12"d each.
- c. Provide base cabinets with doors, 10'L, lockable. Provide cabinets with doors above counter, lockable.

3. Classrooms (Band & Vocal)

- a. Provide cubbies, 18" x 18" (60) for student textbook storage near entrance doors.
- b. Provide computer counter to accommodate four (4) computers and two (2) printers (14'W x 30"D). The counter shall have grommets for wire management.
- c. Provide TV/Multimedia cabinet, approximately 48" in height with the TV monitor sitting on top of the cabinet. The TV/Multimedia cabinet shall include lockable doors with adjustable shelving for multimedia equipment. The TV/Multimedia cabinet shall also have grommets for wire management. The TV/Multimedia cabinet shall be located along or near the teaching wall

4. Uniform Storage (Band) - Provide double-tiered rods with shelves above rods on all walls.

5. Robe Storage (Vocal) - Provide single tiered rods with shelves above rods on all walls.

6. Other Built-ins - Provide a full-length mirror in all practice rooms.

7. School Display/Exhibition - Provide recessed display cabinet (6'W x 4'H) in hallway near music suite. Display cabinet should be 2' above finished floor.

S. Other Considerations - Music classrooms shall be connected to the other buildings of

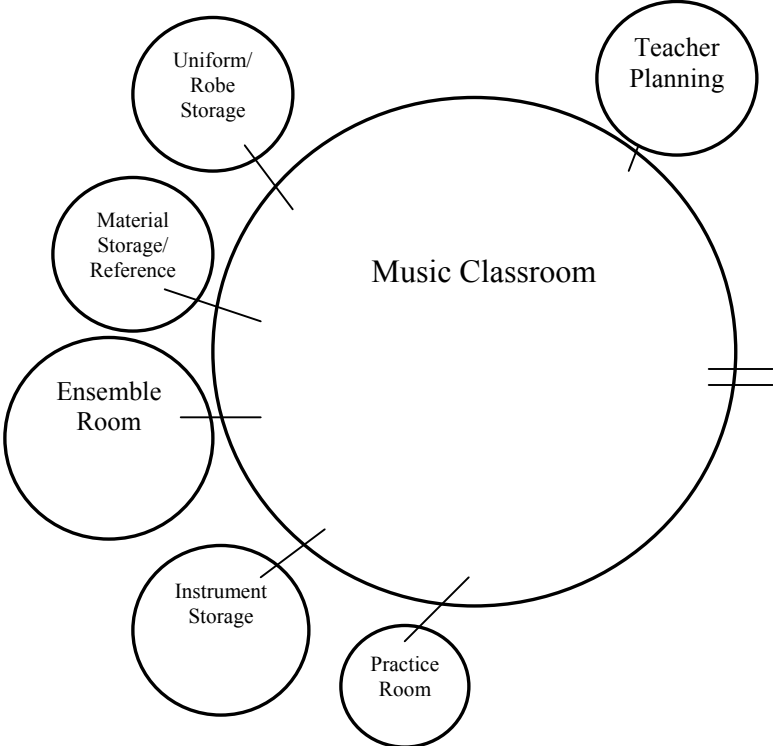
the campus by covered walkways. Overall campus planning must allow for no sound transmission from adjoining interior or exterior areas into the Music facility. Building must be located and/or acoustically designed so that transmission of sound is contained within the separate sections of the Music building, so as not to interfere with other Music rehearsals or with other school areas. Music classrooms need to be in close proximity to gymnasium, playing fields, and bus loading area. The teaching wall shall be the widest wall.

1. Middle School Band Standard Set-Up - Not in Contract

- a. Clarinet, alto
- b. Clarinet, bass (4)
- c. Clarinet, contra, bass
- d. Drum, bass, 40" w/stand
- e. Bassoon (2)
- f. Chimes
- g. Cymbals, crash, 1 pr.
- h. Cymbals, crash, with stand
- i. Cymbals, suspended, 18", with stand
- j. Turner, electronic, portable
- k. Turner, electronic, for classroom
- l. Euphonium (3) valve 4
- m. Euphonium (8) valve 3
- n. French Horn (10), F/Bb double
- o. Marimba, 4-octave
- p. Oboe (4)
- q. Bells, orchestra
- r. Drum (2), snare/concert
- s. Saxophone (2), tenor
- t. Tympani, 23"
- u. Tympani, 26"
- v. Tympani, 29"
- w. Tympani, 32"
- x. Tuba (4), full size
- y. Tuba (4), 3/4 size
- z. Xylophone, 3-1/2-octave
- aa. Saxophone (2), baritone
- bb. Piccolo
- cc. Percussion cabinet
- dd. Auxilliary percussion
- ee. Drum set
- ff. Piano
- gg. Gong

SPATIAL RELATIONSHIPS

Music



PHYSICAL EDUCATION

I. PROGRAM PHILOSOPHY

Physical Education is an integral part of the total education structure of the SDPBC. It provides significant contributions towards the total well being of each child.

The overall aim of the curriculum for Physical Education is to offer progressive, instruction which begins with appropriate basic skills and continues to its logical conclusion – in life long physical and fitness activities.

Physical educators believe that Physical Education shall provide each student with sufficient physical activity to maintain an optimal level of fitness and to develop acceptable social, emotional and physical traits.

II. PROGRAM GOALS

- A. Make a major contribution to the personal fitness of each student including health and skill related components of fitness.
- B. Develop in each student a positive attitude toward his/her personal involvement in physical activity.
- C. Help students understand the nature of rules, skills and strategies as they relate to Physical Education activities at the appropriate grade levels.
- D. Provide opportunities to help individual students develop wholesome self-concepts and acceptable perceptions of others.
- E. Develop an interest and a desire to participate in lifelong recreational sports.
- F. Develop healthy attitudes concerning winning, losing and fair play.
- G. Develop the ability to identify options available in making personal decisions.
- H. Develop a respect for the care and use of equipment and facilities.

III. PROGRAM ACTIVITIES

- A. Course Activities
(Required and elective courses may include but not limited to the following units:)

- | | |
|------------------------------------------------------------|---------------------------|
| 1. Archery | 17. Rope Jumping |
| 2. Basketball | 18. Soccer and Gator ball |
| 3. Bowling | 19. Softball |
| 4. Dance/Aerobics | 20. Speed ball |
| 5. Flag Football | 21. Swimming |
| 6. Frisbee Sports | 22. Table Tennis |
| 7. Golf | 23. Team Handball |
| 8. Gymnastics, Rhythmic
Gymnastics, Stunts and Tumbling | 24. Track and Field |
| 9. Health Instruction | 25. Volleyball |
| 10. Inclement Weather Program | 26. Weight Training |
| 11. Jogging | 27. Wrestling |
| 12. Physical Fitness | 28. In Line skating |
| 13. Racket Sports:Handball, Paddle-
ball, Paddle Tennis | 29. Lacrosse |
| 14. Racquetball, Tennis,
Badminton | 30. Field Hockey |
| 15. Recreational Activities | |
| 16. Rhythmic Activities | |

B. Student Responsibilities

- a. Dressing in Physical Education clothes and tennis shoes
- b. Reporting for roll call
- c. Participation in class exercises and activities
- d. Participation in class drills to master skills
- e. Participating in individual practice or assignments
- f. Taking physical fitness, skills, and written tests
- g. Listening to lectures and instruction and taking notes
- h. Watching demonstrations and audio-visual instruction in the form of pictures, diagrams, charts, video tapes, and slides
- i. Taking field trips
- j. Reading and writing
- k. Participating in scheduled games and activities
- l. Taking a shower

C. Teacher Responsibilities

- a. Lecturing
- b. Leading of exercises
- c. Demonstrating instruction in skills, method and officiating
- d. Organizing squads and groups
- e. Supervising squads and groups
- f. Organizing teams and supervising team practice
- g. Organizing tournaments
- h. Instructing leaders and game officials
- i. Instructing on marker board or using overhead projector
- j. Showing video tapes and other audio-visuals

- k. Assembling, organizing and presenting bulletin board materials
- l. Working with grading, locker assignments, gym clothes
- m. Caring for and distributing equipment
- n. Supervising use of facilities
- o. Purchasing equipment
- p. Checking attendance, dressing and participation
- q. Preparing written lesson plans, tests, skill tests
- r. Organizing special services such as towels, clothing, locks, lost-and-found
- s. Administering first aid
- t. Promoting critical thinking skills

IV. ORGANIZATIONAL NOMENCLATURE

Teacher - Student Ratio Varies
 Grade Levels for Which Program is Intended 6 - 8

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

- A. Facility designed for adaptive Physical Education. Handicapped entrances shall be installed in all areas of Physical Education. Trophy cases built into walls.
- B. Adult/Vocational and Community Education Programs will use facility after regular school hours and on weekends. Equipment purchased shall be suitable for use by the regular school Physical Education program as well as Community Education programs.
- C. Locate outdoor P.A. system speakers on exterior walls of Physical Education buildings.

VI. JUSTIFICATION FOR VARIANCE FROM STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (S.R.E.F.) - CONTRACTOR PROVIDED (A.B.C.D.)

- A. 200 sq. ft. of the Physical Education Storage area shall be allocated to an outside storage building which shall be located adjacent to the fenced outdoor courts and playing fields. Recommended building size is 10'W x 20'L, with standard double-wide metal door with removable mullion.

VII. PROGRAM FACILITIES LIST

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
PHYSICAL EDUCATION						
2	Dressing Rooms		780	1,560		
2	Lockers		130	260		
2	Showers		130	260		
2	Drying		130	260		
1	PE Storage (200 SF to outside PE storage)	587		387		

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
			2	Restrooms		130
2	Teacher Planning (from allotment)					
2	Teacher Restrooms/Showers		66	132		
1	Laundry/Towel			130		
1	Activity Lab			3,600		
	Restrooms (from allotment)					
1	Outside PE Storage (from PE Storage)			200		
TOTAL				7,249		60

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Teacher Planning (per office)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Teacher desk, 1 per instructor
1		X	Teacher chair, 1 per instructor
1		X	File cabinet, four-drawer, legal, lateral, lockable, 1 per instructor
1	X		Tack Board, 3' x 4', wall mounted
1	X		Pencil sharpener, wall-mounted in each office
1		X	Computer & printer, 1 per instructor
1	X		First Aid kit, wall mounted, 1 per office
1		X	Stretcher, 1 per office
1	X		Clock
	X		Built-ins (refer to special considerations)

B. Activity Lab

No. of Items	Contractor Provided	District Provided (FF&E)	Description
		X	Volleyball, standard, portable
1		X	Volleyball, standard sleeves, regulation, for game use. 4 standard regulation lengthwise for 2 courts with curtain appropriate width between.
		X	Mat, tumbling, 6' x 12', Velcro on each end
		X	Mat, wrestling, 6' x 12', Velcro on all four sides
1		X	Mat truck
1		X	Marker board, 8', portable
2	X		Tack board, 4' x 4', visible by all
1	X		Retractable Video Format Screen
1	X		Clock
	X		Built-ins (refer to special considerations)

C. Laundry Room (per room)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1	X		Laundry Tub
1	X		Clothes washer, commercial
1	X		Clothes dryer, commercial
	X		Built-ins (refer to special considerations)

IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED

Refer to **GENERAL CONSIDERATIONS, GENERAL SECURITY CONSIDERATIONS AND TRAFFIC CONTROLS.**

- A. **Heating/Cooling/Ventilation** – As required to meet District Standards. Separate the lockers/dressing areas from the showers/drying areas.
- B. **Acoustical** – As required to meet District Standards.
- C. **Floor** - As required to meet District Standards. Activity Lab floor to be marked with regulation basketball lines using school colors. Volleyball court lines painted white, 2" lines. The centerline for volleyball and basketball shall be 2" w.
- D. **Walls** - As required to meet District Standards.
- E. **Ceiling** - As required to meet District Standards.
- F. **Lighting** - As required to meet District Standards. Master switch to control lights for locker and shower areas located in teacher's office and at the entry door. Control switch for activity lab lighting located near an exit. Basketball backboards must not cover light fixtures when in stored position. Two light fixtures with protective covers for outdoor storage building.
- G. **Windows** - As required to meet District Standards. A one-way window between the teacher planning office and the dressing areas.
- H. **Doors** – As required to meet District Standards. Provide double doors with a removable mullion for entrance to activity lab, storage areas, outside storage building and laundry room. Provide dutch door in laundry room.
- I. **Water/Plumbing Fixtures** - As required to meet District Standards. Provide water fountains at fields and courts.
- J. **Communications** - As required to meet District Standards. Two wall clocks located in activity lab and locker rooms. Provide P.A. system speakers on exterior wall of Physical Education Building.
- K. **Electrical** - As required to meet District Standards.
- L. **Instructional Technology** - As required to meet District Standards.

- M. Gas and Air** - As required to meet District Standards.
- N. Safety** - As required to meet District Standards.
- O. Fencing** - As required to meet District Standards.
- P. Service Drives** - As required to meet District Standards. Locate for delivery of equipment, loading and unloading of teams.
- Q. Parking** - As required to meet District Standards. As required for school site which will allow enough spaces for after school and weekend activities.
- R. Built-ins**
1. **Laundry/towel** – Provide built-in counter, 36"h x 48"w, for folding and sorting of towels, etc. Provide (2) shelving on two opposite walls to begin 4' from floor. Two rows to run entire length of walls. Shelves to be 18"D, 24" between rows. One row of hooks for hanging clothes to be located under lower shelf on each side of room. One shelf, 12" x 36", above laundry tub.
 2. **P.E. Storage** – Provide shelving on two walls run entire length of walls; four rows, each to begin 18" from floor. Shelves to be 24"D, 24" between rows and a 3" lip on the front edge of each shelf.
 3. **Teacher Planning** – Provide 3'L x 12"D, adjustable shelving with closed ends.
 4. **PE Storage** – Provide shelving on two opposite walls to run entire length of walls. Four rows, each wall to begin 18" from floor. Shelves to be 24"D, 24" between with a 3" lip on the front edge of each shelf. Must also store 200 chairs.
 5. **Dressing Room/Locker Room** -(2)
 - a. Provide tack board, 4' x 4', visible by all.
 - b. Provide marker board, 8', visible by all.
 - c. Provide benches
 - d. Provide mirror (2), 8', stainless steel
 - e. Provide security mirrors as required for visibility in blind spots.
 - f. Provide lockers at each area (boy's and girl's) approximately, 12"W x 12"H x 16"D (small) in size.
 - g. Provide lockers at each areas (boy's and girl's) approximately, 12"W x 36"H x 16"D (large) in size. Combine six (small) and one (large) lockers to create a set.
 6. **Drying** (2)
 - a. Provide hooks or pegs (36), to hang towels

7. **Restroom** (2)

- a. Provide mirror, 8', stainless steel, not to be located above sinks.

8. **Teacher Restroom/Shower** (2)

- a. Provide locker (4), 18"W x 16"D x 72"H
 b. Provide mirror, stainless steel, located over sink
 c. Provide shower curtain rod

9. **Activity Lab**

- a. Provide regulation lexan basketball backboard and rim located in main court.
 b. Each backboard, to be lowered and raised electrically. Backup system with hand-operated cranks (forward swing).
 c. Combination basketball/volleyball electric scoreboard with clock (2), located at each end of the activity lab, visible from courts and bleachers.
 d. If there is room in the activity lab, provide electrically operated bleachers located on both sides of the gymnasium. Provide wood, metal or fiber glass bleachers with wooden foot rests.
 e. Install sleeves and floor plates for volleyball. Locate floor plates for the competition court, 3'6", outside of the court markings, directly in line with the 2" center line. Additional floor plates shall be installed for volleyball practice courts (length of main court).
 f. Provide safety wall mats, approximately, 6' h and 24' w, on each end of the activity lab beneath the main backboards.

10. **Outside P.E. Storage Building**

- a. Shelving, 24"D, shall be attached to the wall with necessary backing and located the length of one, 20' wall and on the rear half (10') of the opposite 20' wall. Vertically, 24" between shelves, three rows with a 3" lip on the front edge of each shelf. Shelving to begin 30" from the concrete floor. A pegboard, 2" x 6" x 10'; with pegs, (3/4" x 6"); inserted at a 60° angle, at 2' intervals, shall be located on the front half (10') of the second 20' wall. This board shall be located 5' from the floor.

S. **Other Considerations**

1. Lockers shall be installed to insure that maximum utilization of room space is made. Locate as many lockers as possible on the inside walls of the room. Any and all rows shall be designed so that instructors will have an unobstructed view of the locker and dressing areas as well as the restrooms.
2. **Outside Facilities - The site shall be analyzed by the Architect and SDPBC for the type and number of outside courts and fields that can fit onto the site.**

a. Tennis Court

- (1) Playing surface, 36'W x 78'L, each court
- (2) Clearance, 21'W, at each end of court
- (3) Clearance, 12'W, between courts and/or fence

Utilize hard, smooth surface, with appropriate court markings. All courts shall be fenced with access gates. Additional marking for other physical educational uses maybe required.

b. Basketball Court

- (1) Court surface, 50'W x 84'L
- (2) Clearance, 10'W, on all four sides
- (3) Two courts shall have volleyball marking and sleeves.

Playing surface must be a suitable, hard, smooth surface, marked for basketball and volleyball with contrasting colors. All courts fenced with access gates.

c. Baseball Field

Provide enough land space to construct one baseball field with the following dimensions: 75' bases, pitcher's mound located 54' from home plate; bahia grass infield and outfields with clay base paths; backstop, minimum 18-20' in height located a minimum of 25' from home plate. In addition, a fence, 10' h, shall extend from each corner of the backstop to 5' beyond first and third bases. Also, fenced dugouts shall be included, with screen wire protection and access to the playing field. The dugout shall have a roof and concrete floor. A minimum of 250' from home plate for outfield use. Include metal or concrete benches, seat 20 for both dugouts.

d. Softball Field

The softball field shall be constructed with 60' bases with the pitching rubber located 40' from home plate with bahia grass infield and outfields with clay base paths; backstop, minimum 18-20' in height located a minimum of 25' from home plate. In addition, a fence, 10' h, shall extend from each corner of the backstop to 5' beyond first and third bases. The regulation softball fields shall be designed so the afternoon sun will be over the first baseman's shoulders during practice or games. The dugout shall have a roof and concrete floor. Include metal or concrete benches, seat 20 for both dugouts.

e. Provide aluminum bleacher section (4), five rows minimum, capacity - 40 - 50 students.

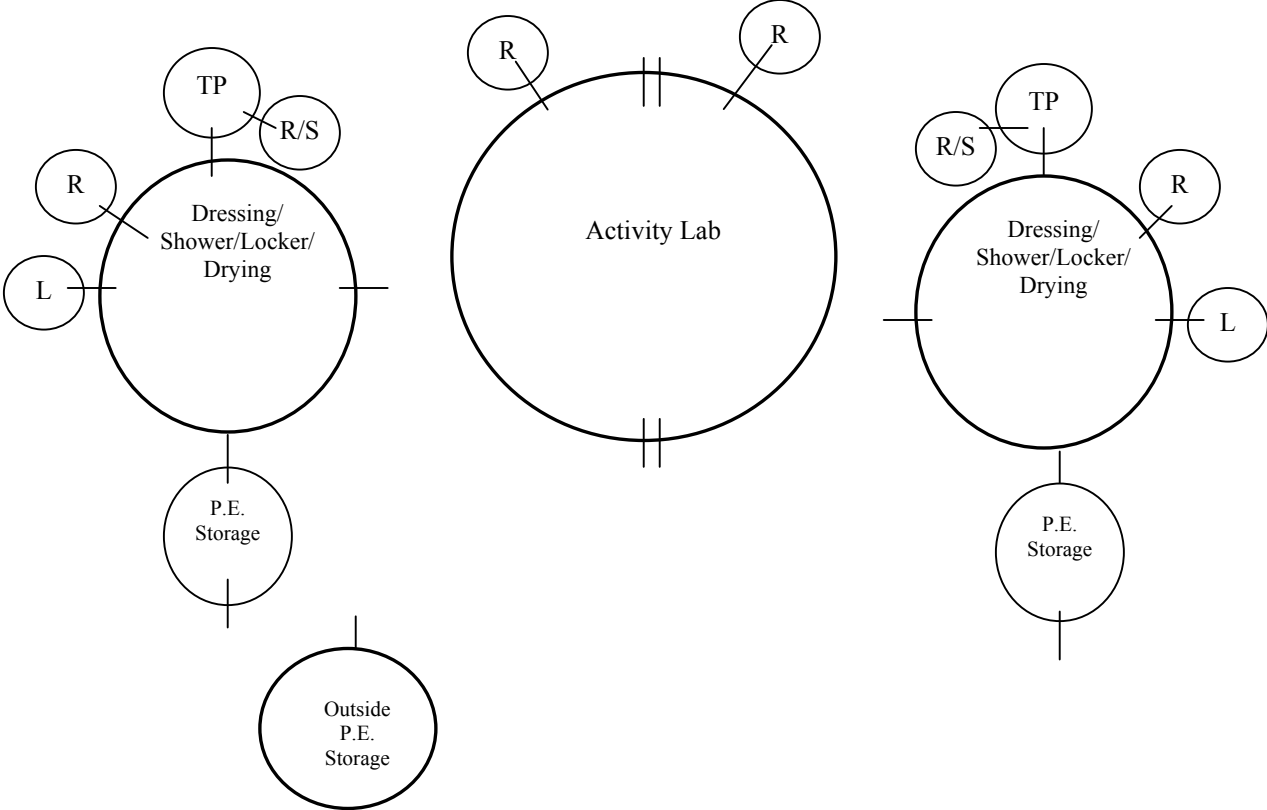
f. Provide regulation six-lane 400 meters. asphalt running track, with 42"W

running lanes and other regulation lane markings for running events. Provide and install areas for field events (high jump, long jump, shot put).

- g.** Provide game regulation-size soccer field with bahia grass located within the track area with locations marked for portable or permanent goals.
- h.** Outside facilities shall be laid out in a manner that maximizes open play field area.
- i.** The gymnasium shall be adjacent to the athletic fields, courts and parking areas.
- j.** Locker room areas:
 - (1) Showers shall open to the drying rooms and lockers. Teacher's offices shall be adjacent to this area. Provide enough shower heads to handle peak load in all shower areas.
 - (2) Physical Education storage shall open to the outside and the locker room.
- k.** The gymnasium storage rooms shall open into the gymnasium area
- l.** Contractor shall provide all tennis nets, volleyball nets, basketball nets, etc. and standards.

SPATIAL RELATIONSHIPS

Physical Education



L = Laundry/Towels
 R = Restroom
 R/S = Restroom/Shower
 TP = Teacher Planning

RESOURCE ROOMS

I. PROGRAM PHILOSOPHY

All students are entitled to receive appropriate educational services designed to achieve two major objectives: (1) the development of skills and competencies common to all citizens; (2) the development of skills and competencies unique to the students' individual potentialities.

II. PROGRAM GOALS

Students will be provided educational programs designed to meet their individual needs.

III. PROGRAM ACTIVITIES

Instruction will be provided in academic, vocational, living skills and enrichment curriculum areas.

IV. ORGANIZATIONAL NOMENCLATURE

Teacher - Student Ratio 1:15
Grade Levels For Which Program Is Intended 6 - 8

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

N/A

VI. JUSTIFICATION FOR VARIANCE FROM STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (S.R.E.F.) - N/A

A. Material Storage shall be combined with Resource Room to create a larger area.

VII. PROGRAM FACILITIES LIST

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
RESOURCE ROOMS (Individual or small group instruction) (1/250 stations per SREF)						
2	Resource Room		480	960		
2	Material Storage		90	180		
	TOTAL		570	1,140		0

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Resource Room

No. of Items	Contractor Provided	District Provided (FF&E)	Description
15		X	Student combo desk
1		X	Teacher desk and chair
1		X	Stool, 30"
1		X	Table, 30"W x 72"L
6		X	Chair
1		X	File cabinet, four-drawer, legal, lateral, lockable
4		X	Computer
2		X	Printer
1	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
2	X		Marker Board, 4' x 8', with map rail and flag holder
2	X		Tack Board, 4' x 4'
1	X		6' x 8' video format screen with black masking borders
1	X		Pencil sharpener with proper backing
1	X		Clock
1	X		TV/Multimedia Cabinet (refer to general considerations)
	X		Built-ins (refer to special considerations)

IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED

Refer to **GENERAL CONSIDERATIONS, GENERAL SECURITY CONSIDERATIONS AND TRAFFIC CONTROLS.**

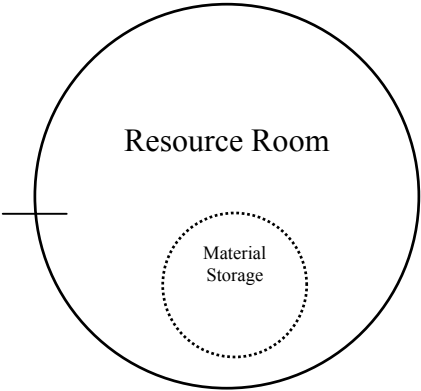
- A. Heating/Cooling/Ventilation** - As required to meet District Standards.
- B. Acoustical** - As required to meet District Standards.
- C. Floor** – As required to meet District Standards.
- D. Walls** - As required to meet District Standards.
- E. Ceiling** - As required to meet District Standards.
- F. Lighting** – As required to meet District Standards.
- G. Windows** – As required to meet District Standards.
- H. Doors** – As required to meet District Standards.
- I. Water/Plumbing Fixtures** - As required to meet District Standards.
- J. Communications** - As required to meet District Standards.
- K. Electrical** - As required to meet District Standards.

- L. **Instructional Technology** - As required to meet District Standards.
- M. **Gas and Air** - As required to meet District Standards.
- N. **Safety** – As required to meet District Standards.
- O. **Fencing** - As required to meet District Standards.
- P. **Service Drives** – As required to meet District Standards.
- Q. **Parking** - As required to meet District Standards.
- R. **Built-ins**
 - 1. Provide base cabinet with lockable doors and adjustable shelves and upper cabinets with lockable doors and adjustable shelves.
 - 2. Provide built-in bookcase, 5'L x 15"D x 40"H with adjustable shelves.
 - 3. Provide computer counter to accommodate four (4) computers and two (2) printers (14'W x 30"D). The counter shall have grommets for wire management.
 - 4. Provide TV/Multimedia cabinet, approximately 48" in height with the TV monitor sitting on top of the cabinet. The TV/Multimedia cabinet shall include lockable doors with adjustable shelving for multimedia equipment. The TV/Multimedia cabinet shall also have grommets for wire management. The TV/Multimedia cabinet shall be located along or near the teaching wall
- S. **Other Considerations**

N/A

SPATIAL RELATIONSHIPS

Resource Room



Not all spaces are shown

RESTROOMS

Provide public restrooms in activity lab. Provide staff restroom adjacent to teacher planning for shared disciplines.

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
RESTROOMS (Middle) (adjust square footage for FACBC and parity requirements)						
	Public Restrooms			45		
	Student Restrooms			338		
	Staff Restrooms (near classrooms and teacher planning)			90		
	TOTAL			473		0
RESTROOMS (High) (adjust square footage for FACBC and parity requirements)						
	Public Restrooms			60		
	Student Restrooms			450		
	Staff Restrooms (near classrooms and teacher planning)			120		
	TOTAL			630		0

Although square footage allocation is per SREF, accommodations for size of spaces and numbers of spaces must be made for F.A.C.B.C. and parity.

SCIENCE**I. PROGRAM PHILOSOPHY**

Middle school Science in Palm Beach County is designed to reinforce skills and learning gained in elementary school and prepare students for high school laboratory Science. The program is transitional in nature, with exploratory activities playing a major role. Middle school students, by their very nature are active and inquisitive, and often learn best by doing "hands on" activities in Science. These activities, however, must be carefully planned and supervised with students working toward mastery of objectives.

II. PROGRAM GOALS

- A. Teach a set of basic scientific concepts in a style compatible with the students' interests and abilities that will provide scientific knowledge necessary for successful involvement in life and future scientific studies.
- B. Allow students to participate in "hands on" Science-related activities and acquire skills of measurement and laboratory procedures for the investigation of scientific problems.
- C. Provide opportunity for students to speak and write in scientific terms and use the basic vocabulary of Science in today's society.

III. PROGRAM ACTIVITIES

Middle school Science includes, but is not limited to, classroom and laboratory activities relating to the structure of matter; interaction of matter and energy; the structure, function and classification of living things; and physical characteristics of the earth. Also, students will be constructing, displaying, and storing science fair projects. Student abilities may range from SLD with varying exceptionalities to those enrolled in gifted classes. Students will manipulate scientific apparatus and materials requiring electrical outlets and a source of water to be located along perimeter counters. Teacher demonstration area will support the student manipulation of apparatus. Outdoor instructional activities will be used for individual students and classes. General laboratory activities will be accomplished in teams of two.

A. Courses Offered

- 1. General Science
- 2. Physical Science
- 3. Life Science

B. Teacher Activities

- 1. Plan and direct student activities, individually, and as part of a team.
- 2. Discuss the objectives to be attained, both with students and other teachers.
- 3. Guide students, individually, and in groups.
- 4. Use models, charts, marker board, and tack board as instructional aids.
- 5. Prepare materials for Science activities.

6. Adjust curriculum, instructional techniques and evaluation procedures to accommodate needs of students.
7. Organize and store equipment and supplies.
8. Request equipment and supplies.
9. Inventory equipment and supplies.
10. Diagnose students' needs, and assist students to evaluate their own progress.
11. Plan and direct laboratory activities using chemicals, glassware, heating devices, preserved and live specimens, plants, rocks and minerals.

C. Student Activities

1. Study independently.
2. Experiment independently at a work table.
3. Listen in a large group lecture situation.
4. Research with reference materials.
5. Communicate findings and ideas to others.
6. View audio-visual presentations.
7. Observe, measure, hypothesize, predict, infer, classify and graph.
8. Read, write and organize ideas.
9. Confer with teacher and guidance personnel.
10. Work on projects individually and with groups.
11. Plan activities with teacher and others.
12. Read and write at student laboratory tables.
13. Provide daily maintenance of plants and animals.

IV. ORGANIZATIONAL NOMENCLATURE

Teacher - Student Ratio: 1:22

Grade Levels for Which Program is Intended: 6 - 8

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

- A. Community school classes in Science-related interest areas, such as Electricity, Astronomy, Horticulture, etc. Accelerated program for students with interest and ability in Science and related areas. Remedial assistance program, activity-centered and specifically designed for the less able student. Computer Science classes for students and adults will be offered. Increased utilization of instructionally related activities which occur on the school campus (environmental studies, outdoor field studies, community studies).

VI. JUSTIFICATION FOR VARIANCE FROM STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (S.R.E.F.)

A. One Science Demonstration/Classroom shall be equipped for a Chemistry Demonstration/Classroom.

VII. PROGRAM FACILITIES LIST

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
SCIENCE						
1	Science Demonstration/Classroom			900	22	22
1	Material Storage			200		
1	Chemistry Demonstration/Classroom			900	22	22
1	Chemical Storage			200		
	TOTAL			2,200		44

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Science Demonstration Room (per)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
25		X	Student desk or 14 tables, 2 students per table
1		X	Teacher desk and chair
1		X	Laboratory Stool, adjustable back
1		X	Table, 30"W x 72"L
30		X	Chair
1		X	File cabinet, four-drawer, legal, lateral, lockable, chemical resistant top
2		X	Laboratory cart, portable
1	X		Permanent Fume Hood in Chemistry Lab
1		X	Safety shield, (explosion shield) portable
1		X	Sterilizer for safety goggles with lamp
1		X	Trash can, 25-gal., non-metal
1		X	Spark-resistant safety can for disposal of flammables
1		X	Dry chemical waste container
16		X	Microscope
40		X	Safety goggle and spill-control pillows
1		X	Sand bucket, 25 pounds
30		X	Student apron
1		X	Teacher Lab coat
1		X	Electronic Scale
1		X	Ultrasonic cleaner
1		X	Microviewers
1		X	Flex Cam
1		X	Triple-beam balance
6-7	X	X	Sinks, stainless steel (with sink covers)
1	X		Safety shower and eye wash
4		X	Computer

No. of Items	Contractor Provided	District Provided (FF&E)	Description
2		X	Printer
2	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
1	X		Marker Board, 4' x 16', with map rail and flag holder
2	X		Tack Board, 4' x 4'
1	X		6' x 8' video format screen with black masking borders
1	X		Pencil sharpener with proper backing
	X		Fire extinguishers, per code
1	X		Fire blanket, wall-mounted
1	X		First Aid kit, wall mounted
1	X		Display cabinet, transparent front
1	X		Clock
1	X		TV/Multimedia Cabinet (refer to general considerations)
	X		Built-ins (refer to special considerations)
1	X		Teacher demonstration table (refer to special considerations)

B. Material Storage (per)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Glassware drying rack
1		X	Trash can, 25-gal. capacity, non-metal
	X		Smoke detector per codes
1	X		Refrigerator with ice-maker, 22 cu.ft.
1	X		Dishwasher (in 8 th grade storage room)
1	X		Exhaust fan
1	X		Double stainless steel sink
1	X		Flammable storage
	X		Built-ins (refer to special considerations)

IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED

Refer to **GENERAL CONSIDERATIONS, GENERAL SECURITY CONSIDERATIONS AND TRAFFIC CONTROL.**

- A. **Heating / Cooling / Ventilation** - As required to meet District Standards.
- B. **Acoustical** - As required to meet District Standards.
- C. **Floor** - As required to meet District Standards.
- D. **Walls** - As required to meet District Standards.
- E. **Ceiling** - As required to meet District Standards.
- F. **Lighting** – As required to meet District Standards.
- G. **Window** - As required to meet District Standards. Observation window between material storage and laboratory

- H. Doors** - As required to meet District Standards. The doors must be lockable in material storage areas with vision panels.
- I. Water/Plumbing Fixtures** - As required to meet District Standards. Provide master shut-off valve for water.
- J. Communications** - As required to meet District Standards.
- K. Electrical** - As required to meet District Standards. Master shut-off control switch for each demonstration room.
- L. Instructional Technology** - As required to meet District Standards.
- M. Gas and Air** - As required to meet District Standards. Provide gas and air at teacher station and at student stations in the chemistry laboratory only. Provide master shut-off valves for gas and air.
- N. Safety** - As required to meet District Standards.
- O. Fencing** – As required to meet District Standards.
- P. Service Drives** – As required to meet District Standards.
- Q. Parking** - As required to meet District Standards.
- R. Built-ins**
- 1. Classrooms/Laboratory (per)**
 - a. Provide maximum base cabinets with drawers and adjustable shelves with doors; and upper cabinets with adjustable shelves for microscope storage, etc. Provide sinks (6-7) equally spaced in counter, one for disable accessible. In the chemistry laboratory, counter top shall be acid-resistant.
 - b. Provide teacher demonstration table, 72”, permanent, with sink, electrical and data connections (additionally, gas and air hook-ups in the chemistry lab only); with above demonstration mirror. In the chemistry laboratory, counter top shall be acid-resistant.
 - c. Provide computer counter to accommodate four (4) computers and two (2) printers (14’W x 30”D). The counter shall have grommets for wire management.
 - d. Provide TV/Multimedia cabinet, approximately 48” in height with the TV monitor sitting on top of the cabinet. The TV/Multimedia cabinet shall include lockable doors with adjustable shelving for multimedia equipment. The TV/Multimedia cabinet shall also have grommets for wire management. The TV/Multimedia cabinet shall be located along or near the teaching wall.

2. Storage Room (per)

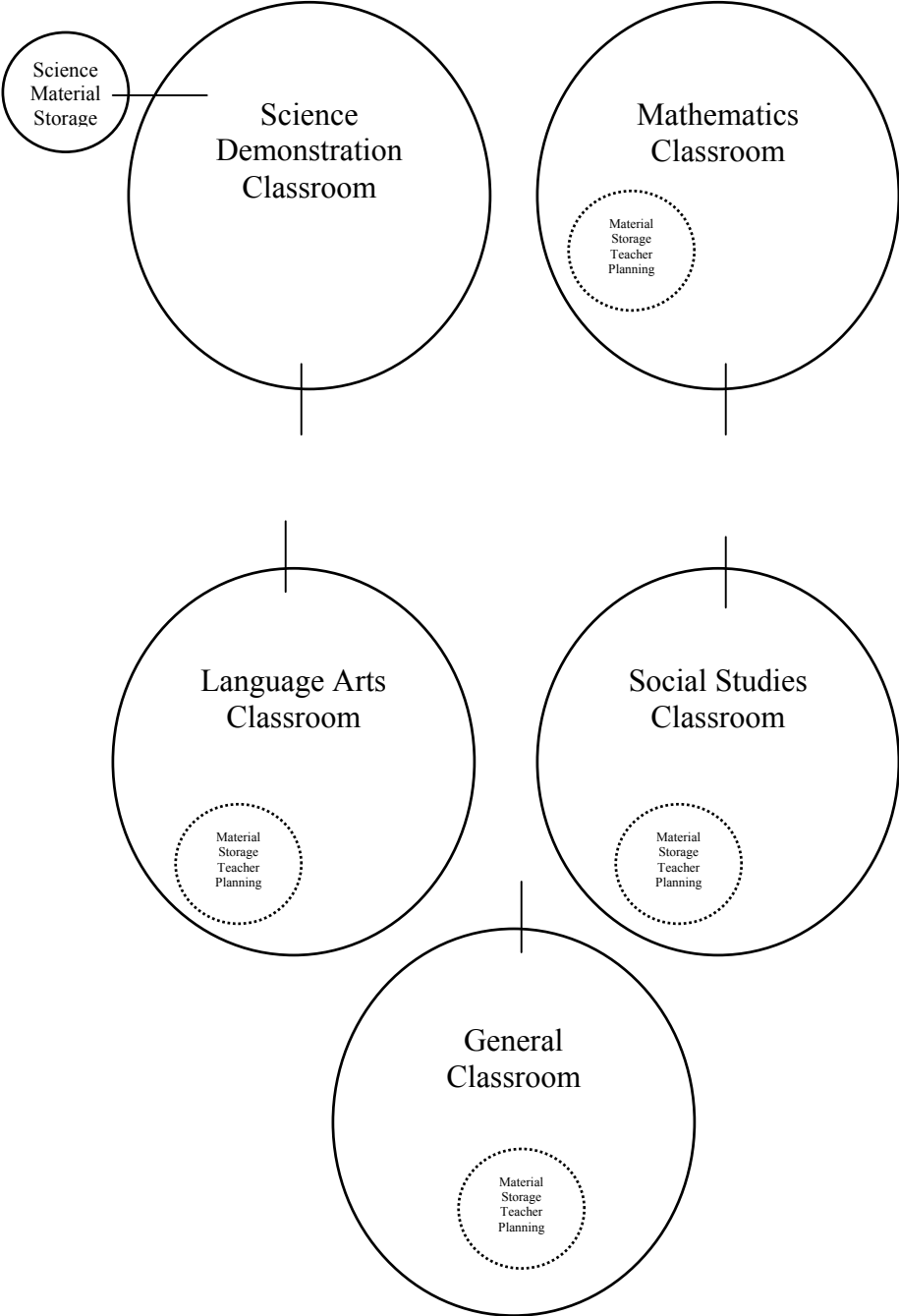
- a. Provide a counter with double sink in material storage room.
- b. Provide storage cabinet (3), 36"W x 18"D x 84"H, louvered doors, adjustable shelves, lockable in storage room.
- c. Provide flammable storage cabinet, built-in vent, lockable.
- d. Provide maximum metal shelving with adjustable shelves along one long wall.

S. Other Considerations

N/A

SPATIAL RELATIONSHIPS

Campus Functional Relationship Diagram



SOCIAL STUDIES

I. PROGRAM PHILOSOPHY

The middle school Social Studies program is organized around and focused on personal and societal goals that help students become effective participants in the social world. Additionally, the program provides an understandable framework for integrating knowledge from History and the Social Science disciplines and for explicating the major knowledge, values, and participation goals of Social Studies.

II. PROGRAM GOALS

The middle school Social Studies program is organized around and based upon the preparation of students for more reflective and effective political participation in their society. The program goals include:

- A. **Socialization** - aimed at helping students to become effective members of social groups.
- B. **Decision-making processes** - aimed at helping students to make effective use of intellectual skills in reaching decisions about their social concerns.
- C. **Citizenship** - aimed at helping students to use more effectively the process of a representative-democratic government.
- D. **Knowledge acquisition** - aimed at helping students to acquire and utilize information and intellectual skills provided through the Social Studies curriculum.

The program stresses the assimilation of three important perspectives of Social Studies: (1) subject, (2) learner, and (3) society.

III. PROGRAM ACTIVITIES

A. **Curriculum**

- | | |
|--------------------|---------------------|
| 1. Geography | 5. American History |
| 2. World History | 6. World Culture |
| 3. Florida Studies | 7. Economics |
| 4. World Geography | |

B. Teacher Activities

1. Confer with individual students.
2. Consult with small groups on activities, discussions, or projects.
3. Lead large or small discussion groups.
4. Plan bulletin board and interest centers.
5. Make recommendations as to selection of materials and equipment.
6. Plan with team of teachers for class and intra-level group activities.
7. Assist with assembly programs.
8. Sponsor enrichment programs.
9. Provide demonstrations.
10. Help plan and lead field trips.
11. Lecture.
12. Interview resource people.
13. Provide techniques for teacher and student evaluation of learning.
14. Conduct teacher, parent and pupil conferences.

C. Student Activities

1. **Think** - Creative and critical thinking, problem-solving associations.
2. **Listen** - Tapes, lectures, records, speeches, discussions, radio, TV, movies, guests, classmates.
3. **Speak** - Speeches, explanation, dramatization, demonstrations, simulations, class and panel discussions.
4. **Read** - Textbooks, reference books, reports, magazines, newspapers, fiction, trade books.
5. **Write** - Creative writing, reports, research papers, outlines, summaries, speeches, comparisons.
6. **View** - Slides, pictures, TV, maps, charts, globes, overlays, field trips and other projected materials.
7. **Inspect** - Relief maps, road maps, globes, artifacts, samples, pictures, charts, graphs.
8. **Construct** - Booklets, displays, posters, scrapbooks, graphs, bulletin boards, maps, charts, diagrams, time lines, pictures, replicas, dioramas, mobiles, murals.

IV. ORGANIZATIONAL NOMENCLATURE

Total - Student Ratio: 1:22

Grade Levels for Which Program is Intended: 6 - 8

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

N/A

VI. JUSTIFICATION FOR VARIANCE FROM STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (S.R.E.F.)

A. Material Storage and Teacher Planning shall be folded into classroom to create a classroom of 900 NSF.

VII. PROGRAM FACILITIES LIST

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
SOCIAL STUDIES						
2	Classroom		750	1,500	22	44
2	Material Storage		90	180		
2	Teacher Planning		<u>60</u>	<u>120</u>		
	TOTAL		900	1,800		44

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Classroom

No. of Items	Contractor Provided	District Provided (FF&E)	Description
22		X	Student Combo Desk
1		X	Teacher desk and chair
1		X	File cabinet, four-drawer, legal, lateral, lockable
1		X	Table, 30" x 72"
1		X	Bookcase
4-10		X	Chairs, stackable, 17", plastic
1		X	Lectern
1		X	Stool
1		X	Map/Globe
2	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
1	X		Marker Board, 4' x 16', with map rails and flag holder
2	X		Tack Board, 4' x 4'
1	X		6' x 8' video format screen with black masking borders
4		X	Computers
2		X	Printers
1	X		Pencil sharpener with proper backing
1	X		Clock

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1	X		TV/Multimedia Cabinet (refer to general considerations)
	X		Built-ins (refer to special considerations)

IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED

Refer to **GENERAL CONSIDERATIONS, GENERAL SECURITY CONSIDERATIONS AND TRAFFIC CONTROL.**

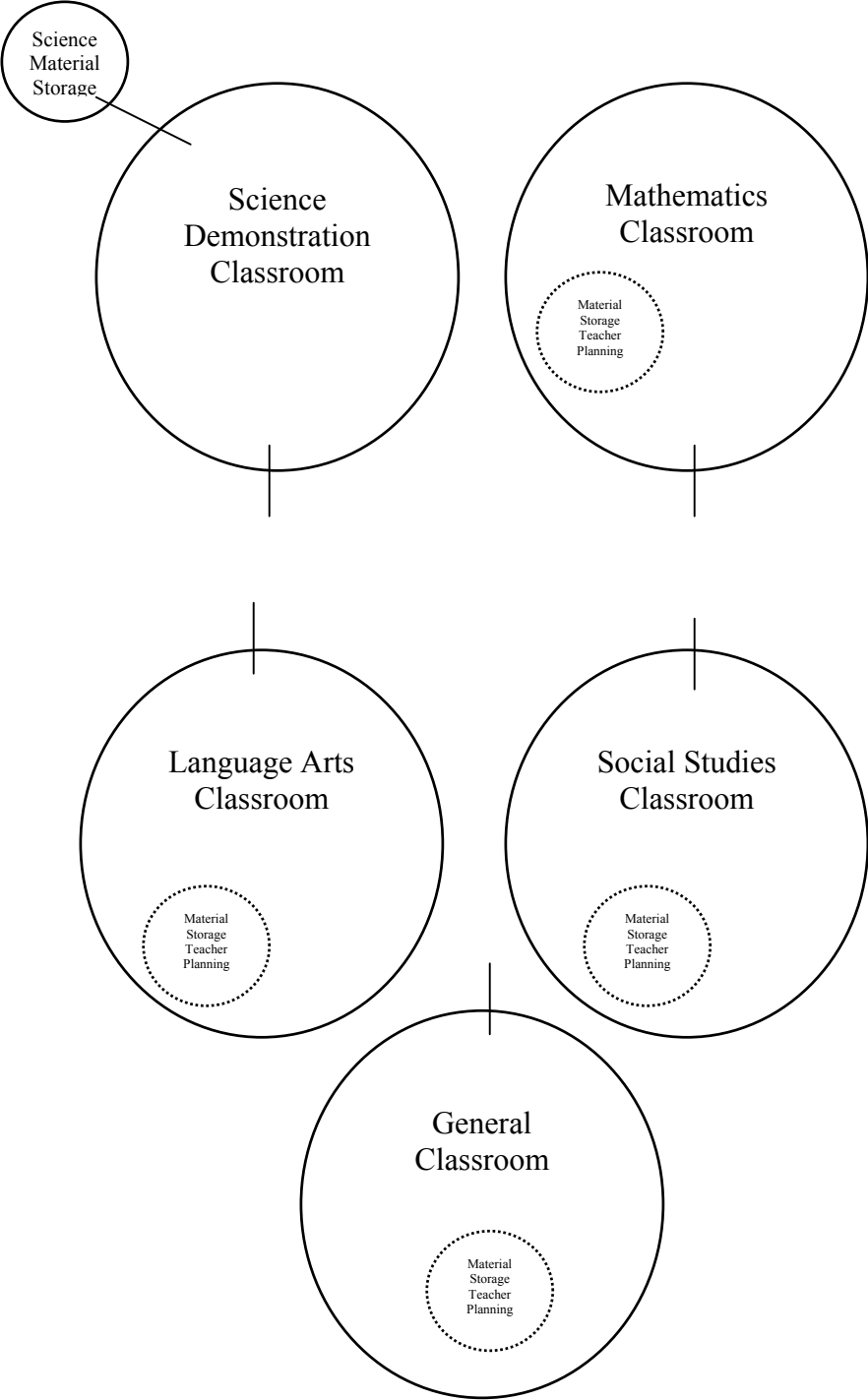
- A. **Heating/Cooling/Ventilation** - As required to meet District Standards.
- B. **Acoustical** - As required to meet District Standards.
- C. **Floor** – As required to meet District Standards.
- D. **Walls** - As required to meet District Standards.
- E. **Ceiling** - As required to meet District Standards.
- F. **Lighting** – As required to meet District Standards.
- G. **Windows** – As required to meet District Standards.
- H. **Doors** – As required to meet District Standards.
- I. **Water/Plumbing Fixtures** - As required to meet District Standards.
- J. **Communications** - As required to meet District Standards.
- K. **Electrical** - As required to meet District Standards.
- L. **Instruction Technology** - As required to meet District Standards.
- M. **Gas and Air** - As required to meet District Standards.
- N. **Safety** – As required to meet District Standards.
- O. **Fencing** – As required to meet District Standards.
- P. **Service Drives** – As required to meet District Standards.
- Q. **Parking** – As required to meet District Standards.
- R. **Built-ins**
 1. Provide base cabinet with lockable doors and adjustable shelves, and upper cabinets with lockable doors and adjustable shelves.
 2. Provide built-in bookcase, 5’L x 15”D x 40”H with adjustable shelves.

3. Provide computer counter to accommodate four (4) computers and two (2) printers (14'W x 30"D). The counter shall have grommets for wire management.
4. Provide TV/Multimedia cabinet, approximately 48" in height with the TV monitor sitting on top of the cabinet. The TV/Multimedia cabinet shall include lockable doors with adjustable shelving for multimedia equipment. The TV/Multimedia cabinet shall also have grommets for wire management. The TV/Multimedia cabinet shall be located along or near the teaching wall

S. **Other Considerations** - N/A

SPATIAL RELATIONSHIPS

Campus Functional Relationship Diagram



TEACHER PLANNING

I. PROGRAM PHILOSOPHY

Refer to overall.

II. PROGRAM GOALS

The goal is to provide teachers and staff with a comfortable and restful environment in which to mentally and physically relax during non-duty periods.

III. PROGRAM ACTIVITIES

The teacher planning areas shall provide spaces for the social and emotional development of teachers and staff. It also provides the opportunity for small group meetings and planning.

IV. ORGANIZATIONAL NOMENCLATURE

During the course of the day staff members will use the facilities. The number of people, at any one time, will vary.

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

N/A

VI. JUSTIFICATION FOR VARIANCE FROM STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (S.R.E.F.)

N/A

VII. PROGRAM FACILITIES LIST

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
TEACHER PLANNING (Middle)						
1	Teacher Planning			400		
	TOTAL			400		0
TEACHER PLANNING (high)						
1	Teacher Planning			400		
	TOTAL			400		0

VIII. PROGRAM FURNITURE AND EQUIPMENT**A. Teacher Planning**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
		X	Vending machine(s)
1		X	Copier
		X	Computers
		X	Printers
1	X		Tack board, 4' x 6'
1	X		Clock
	X		Built-ins (refer to special considerations)
1	X		Mirror & vanity in staff restroom
1		X	Work table

IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED

Refer to **GENERAL CONSIDERATIONS, GENERAL SECURITY CONSIDERATIONS AND TRAFFIC CONTROL.**

- A. **Heating/Cooling/Ventilation** – As required to meet District Standards.
- B. **Acoustical** - As required to meet District Standards.
- C. **Floor** - As required to meet District Standards.
- D. **Walls** - As required to meet District Standards.
- E. **Ceiling** - As required to meet District Standards.
- F. **Lighting** - As required to meet District Standards.
- G. **Windows** - As required to meet District Standards.
- H. **Doors** - As required to meet District Standards.
- I. **Plumbing Fixtures/Water** - As required to meet District Standards.
- J. **Communications** - As required to meet District Standards.
- K. **Electrical** - As required to meet District Standards.
- L. **Instructional Technology** - As required to meet District Standards. Provide computer/data hook ups.
- M. **Gas and Air** - As required to meet District Standards.
- N. **Safety** - As required to meet District Standards.
- O. **Fencing** - As required to meet District Standards.

P. **Service Drives** - As required to meet District Standards.

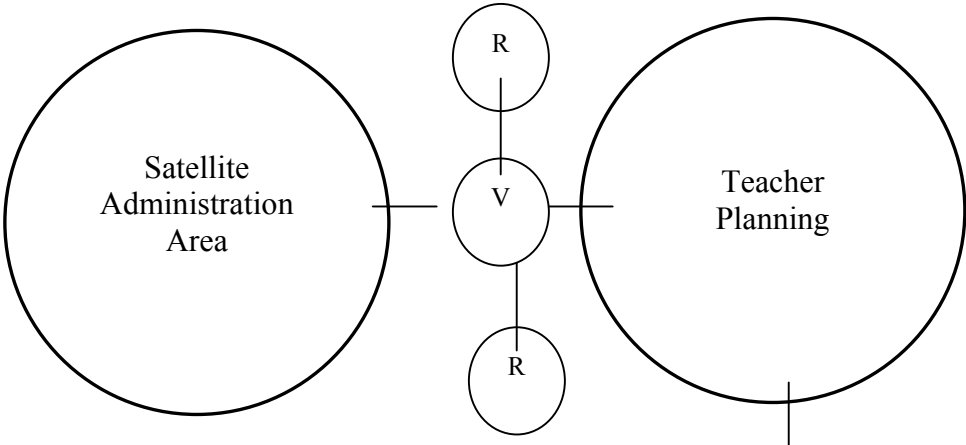
Q. **Parking** - As required to meet District Standards.

P. **Built-ins** -

1. Provide mirror and shelf over sinks.
2. Full-length mirror in restroom.
3. Provide teacher carrels with pedestal to accommodate ten (10) teachers with computer and printer. Provide lockable upper cabinets above teacher carrels. The teacher carrels shall have grommets for wire management.

SPATIAL RELATIONSHIPS

Teacher Planning



R = Restroom
V = Vestibule

CAREER EDUCATION
BUSINESS

I. PROGRAM PHILOSOPHY

Business Technology Education in Palm Beach County provides students with the opportunity to explore the world of work. Through the self-examination of personal attitudes and interests, students explore various careers and develop a career plan. Students are exposed to basic office skills such as keyboarding, business mathematics, and business communications which are needed in every occupation. Computer use is a vital part of the Business Technology Education program. Activities include the use of a word processor, a database manager, a spreadsheet, a presentation manager, and on-line service.

Future Business Leaders of America (FBLA) Middle School Division is the appropriate vocational student organization for providing leadership and organizational skills experiences and for reinforcing the skills that are taught in Business Technology Education.

II. PROGRAM GOALS

- A. Assist students in the appraisal of their individual abilities, potential, interest, desires, and needs.
- B. Provide students with classroom experiences in a variety of business related careers.
- C. Provide hands-on business learning experiences that will assist students with exploring a variety of career opportunities.
- D. Provide students with assistance in developing desirable attitude toward work, establishing solid work ethics, and recognizing the dignity of every occupation.
- E. Provide students with opportunities to participate in activities which expose them to business related courses of study at the high school and post-secondary levels.
- F. Provide an introduction to keyboarding, computer applications, and on-line services and the necessity of fundamental business skills for all careers.
- G. Provide students with opportunities to experience activities in which they learn to accept responsibilities, to make decisions, and to work with a diverse group.

- H. Assist students in developing leadership and organizational skills through participation in FBLA-Middle School Division.

III. PROGRAM ACTIVITIES

All students in the business education area are in grades sixth through eight, including special needs students. Instruction and learning activities will be provided in a laboratory setting that is reflective of a typical business environment.

A. Business Keyboarding

Business Keyboarding is designed to provide instruction in keyboarding for business applications. The content of this course provides the skills necessary to ensure increased productivity and efficient utilization of equipment. Laboratory activities including field trips, job shadowing, special projects, and the use of guest presenters from the business community are appropriate for this course. Computers and software must be made available to students in this course. Participation in FBLA activities, meetings, and programs are essential.

This course is one semester in length and it is recommended to be offered at the sixth grade level.

B. Computer Applications in Business 1

Computer Applications in Business 1 is designed to acquaint students with career opportunities in the field of business computers as well as hands-on, practical experience using application software. The student will be able to use business decision making and problem solving methods, identify the parts and functions of a computer system, perform computer activities, identify use of the computer and become familiar with occupations dealing with computer hardware and software. Laboratory activities including field trips, job shadowing, special projects, and the use of guest presenters from the business community are appropriate for this course. Computers and software must be made available to students in this course. Participation in FBLA activities, meetings, and programs are essential.

This course is one semester in length and it is recommended to be offered at the seventh grade level.

C. Computer Applications in Business 2

Computer Applications in Business 2 is designed to refine and add to the student's ability in using integrated application software, expanding the level and speed of the student's keyboarding and decision making skills acquired in Computer Applications in Business 1. Emphasis will be placed on work ethics, productivity and quality. The student, working individually and within groups, will be able to use business decision making and problem solving techniques to develop a simulated work activity to produce quality work.

Laboratory activities are an essential part of this course because it is designed as a hands-on class. It is essential that an integrated software program be made available. Also, this course emphasizes teamwork, solid and productive work ethics, cooperation and listening skills to train the student for the work place. Decision making and group interaction procedures are employed in this course. Participation in FBLA activities, meetings, and programs are essential.

This course is one semester in length and it is recommended to be offered on the eighth grade level.

IV. ORGANIZATIONAL NOMENCLATURE

Teacher - Pupil Ratio 1:24

Grade Levels for Which Program is Intended 6 - 8

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

- A. Every business, international and domestic, is dependent upon computers for completing day-to-day activities. If business technology education is to successfully prepare students to enter the workforce at one point in time, it is absolutely necessary that each lab be equipped with a minimum of 35 multi-media computers and peripherals such as laser printers, scanners, plotters, projection panels, digital to analog convertors for the television/computer connection, 30 inch monitor, and laser disc players.
- B. Every business technology education department should have a server that will necessitate the networking of the business technology education labs. This will allow facilitators to maintain control over student workstations, deliver instructions and assist individual students remotely, as well as perform assessments in a non-traditional manner. If desired by the school site, this network should have a pass through to the main server so that the media center and the school wide e-mail can be accessed by students. This pass through will also allow facilitators to gain access to teacher tools that are on the main server.

- C. Every business technology education lab should be wired to support a lab of 30 multi-media computers. The appropriate wiring consists of CAT 5 data cabling, electrical outlets, and electronics. This will allow for easy access to the Internet.

VI. JUSTIFICATION FOR VARIANCE FROM STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (S.R.E.F.) - N/A

- A. The Material Storage and Project Storage areas shall be combined into one large space that shall serve as the teacher planning/storage. This area shall have observation windows, telephone jack, and the appropriate wiring, electronics, and cabling for the network.

VII. PROGRAM FACILITIES LIST

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
CAREER EDUCATION - BUSINESS						
1	Orient/Explore Business Laboratory			1,320	24	24
1	Material Storage			155		
1	Project Storage			150		
	TOTAL			1,625		24

VIII. PROGRAM FURNITURE AND EQUIPMENT -

A. Business Keyboarding & Applications Laboratory

No. of Items	Contractor Provided	District Provided (FF&E)	Description
30		X	Student Tables, 30"D x 48"W x 27"H, with CPU Tower Holder and wire management
30		X	Student Chair, pneumatic lift, tilt, caster base, armless
1		X	Teacher desk, 60° Arc Stations (3) with riser shelves (2), drawer pedestal (2), pull-out keyboard and CPU holder
1		X	Teacher chair with executive chair back 20"W x 19"D, tilt with lock, pneumatic lift, arms, and five-star wide base with hooded casters
1		X	Side chair for teacher desk, no casters
30		X	Multi-media computer workstation with wire management to include the latest computer equipment
1		X	Multi-media computer workstation with wire management to include the latest computer equipment for teacher
1		X	Software
1		X	Dictating/transcribing machine, foot pedal, mini-plug headphones, cassette, microphone

No. of Items	Contractor Provided	District Provided (FF&E)	Description
30		X	Computers
2		X	Inkjet Color Printer
3		X	Laser printer
1		X	Scanner, color, full page, table top, with OCR editing software, cable
4		X	Mobile printer stands
1		X	Computer Projection devices
1		X	Color monitor/receiver -- 30" color video monitor/receiver with TV/VCR remote, cable and stand
1		X	Video Cassette Recorder
1		X	Laser Disc Player/DVD
30		X	Financial calculator with memory, both display and print
2		X	Vertical File, four drawer, legal, lateral, with lock
1		X	Table, 72" x 30", laminated top, adjustable
1		X	Paper cutter, small
2		X	Stapler electric
1		X	3-hole Puncher, electric
1		X	Pencil sharpener, electric
1		X	Lectern with shelf, 23" x 12 ½" x 44"
1		X	Magazine Rack, 42" x 18" x 60"
1		X	Multi-media cabinets with 6" deep drawers
1		X	Paper shredder
1	X		6' x 8' video format screen with black masking borders
2	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
2	X		Marker Board, 4' x 16', with map rail and flag holder
2	X		Tack Board, 4' x 4'
1	X		Pencil sharpener with proper backing
2	X		Hanging fixtures for charts in front of room
1	X		Security mirror
1	X		Clock
1	X		TV/Multimedia Cabinet (refer to general considerations)
	X		Built-ins (refer to special considerations)

IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED

Refer to **GENERAL CONSIDERATIONS, GENERAL SECURITY CONSIDERATIONS AND TRAFFIC CONTROL.**

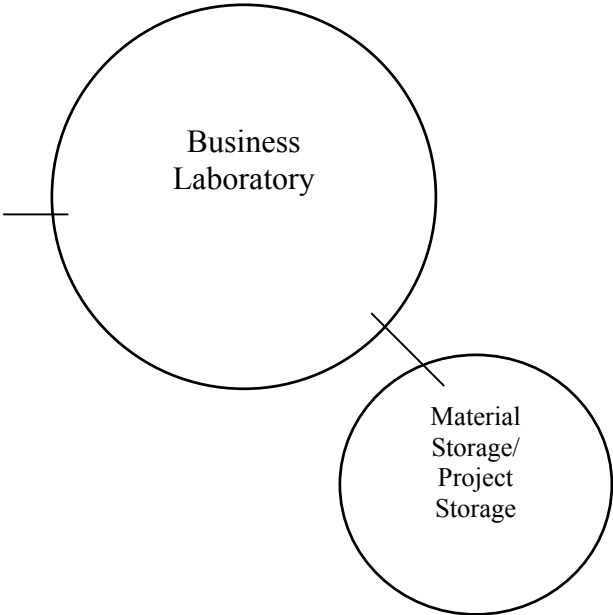
- A. Heating/Cooling/Ventilation** – As required to meet District Standards.
- B. Acoustical** - As required to meet District Standards.
- C. Floor** – As required to meet District Standards.
- D. Walls** - As required to meet District Standards.
- E. Ceiling** - As required to meet District Standards.

- F. **Lighting** – As required to meet District Standards.
- G. **Windows** - As required to meet District Standards. Two observation windows shall be located between the combined storage spaces and the laboratories. Window panes shall be narrow enough to prevent entry and shall be tinted and equipped with closable, dark shades so that reflection on computer screens may be controlled.
- H. **Doors** – As required to meet District Standards.
- I. **Water/Plumbing Fixtures** - As required to meet District Standards. Provide single sink with goose neck faucet (HW/CW) in shared teacher planning.
- J. **Communications** – As required to meet District Standards. Provide three (3) phone jacks in shared storage space for outside phone line, modem and fax. Each business technology education lab shall have CAT 5 cabling for 30 computers. The shared storage spaces shall have CAT 5 cabling for 4 computers in each area.
- K. **Electrical** - As required to meet District Standards. Shall be equipped with a master toggle switch (with red light power indicator) to control current into the adjacent classroom. Shared storage spaces shall be cabled for three additional network hookups
- L. **Instructional Technology** - As required to meet District Standards.
- M. **Gas and Air** - As required to meet District Standards.
- N. **Safety** - As required to meet District Standards. Security mirrors for student observation shall be installed in every lab.
- O. **Fencing** - As required to meet District Standards.
- P. **Service Drives** - As required to meet District Standards. The business education area shall be reasonably accessible to a loading area.
- Q. **Parking** - As required to meet District Standards. It is desirable that the business education area be located in close proximity to student parking because of its heavy population in evening and community programs.
- R. **Built-ins**
 - 1. Provide base cabinet with doors, lockable and adjustable shelves, 34"H, with sink and upper cabinets with doors, lockable and adjustable shelves.
 - 2. Provide built-in bookcase, 5'L x 15"D x 40"H with adjustable shelves.

3. Provide TV/Multimedia cabinet, approximately 48" in height with the TV monitor sitting on top of the cabinet. The TV/Multimedia cabinet shall include lockable doors with adjustable shelving for multimedia equipment. The TV/Multimedia cabinet shall also have grommets for wire management. The TV/Multimedia cabinet shall be located along or near the teaching wall
- S. **Other Considerations** - Business Technology Education laboratories shall be located near all other vocational areas. Business laboratories shall face to the interior of the campus or shall be located on the second floor to reduce risk of theft.

SPATIAL RELATIONSHIPS

**Career Education
Business**



CAREER EDUCATION
FAMILY AND CONSUMER SCIENCES

I. PROGRAM PHILOSOPHY

Family and Consumer Sciences (F.A.C.S.) Education shall meet the needs of the various cultures, abilities and interests of the students. It must provide a change of pace to compensate for the restlessness created by the rapid physical growth. It must also provide many activities, which will enable each student to explore a variety of experiences. The design of the program shall provide students with experiences that will acquaint them with a variety of careers that use F.A.C. S. related knowledge and skills.

F.A.C.S. shall provide a progressive curriculum which will encourage, motivate, and develops student potential. It shall help students gain awareness of their personal attitudes and interests and determine which are compatible with this career area. Through association with F.A.C. S. Education, the student will acquire skills essential to maintaining positive functioning families and to prepare to assume many future roles in society. Subject matter and practical learning experiences are included in:

A. Orientation/Exploration Courses (4):

Career Discovery
Life Choices
Teen Challenges
Personal Development

B. Introduction

All Family and Consumer Sciences Programs are committed to encouraging all students enrolled (including gifted, talented, emotionally/mentally/physically handicapped) to develop to their fullest potential as they learn skills for daily management of life and job predatory skills. Middle school exploratory courses are designed to give students initial exposure to a broad range of occupations to assist them in preparing their academic and occupational plans. Opportunities are available for participation in activities at school, at home, in the community and in our nation, which will help prepare students for the roles they will play in our society through the FCCLA (Family Career and Community Leaders of America) vocational student organization.

II. & III. PROGRAM GOALS/PROGRAM ACTIVITIES

A. Career Discovery

The purpose of this course is to provide student's preliminary experiences with skills related to a variety of careers. Course content will consist of instruction in making career choices and basic employability skills that relate to the family and consumer sciences exploratory courses and leadership skills within the program.

Instruction and learning activities are provided in a classroom setting using hands-on experiences with a variety of materials and learning tools appropriate to the course content and in accordance with current workplace practices.

B. Life Choices

The purpose of this course is to assist students in making informed decisions regarding their future academic and occupational goals. Emphasis will include using current technology resources to investigate the broad range of occupations and careers in family and consumer sciences. The concepts include personal decision-making as it applies to careers, occupational and entrepreneurial opportunities.

Instructional and learning activities are provided in a laboratory setting using hands-on experiences with the tools, materials and technology appropriate to the course content and in accordance with current practices. Activities provide instruction in the use of current equipment and technology, such as personal computers, software and multi-media platforms.

C. Teen Challenges

The purpose of this course is to assist students in enhancing the quality of their lives through Family and Consumer sciences, using current technology and resources. The content includes the creative process as it relates to the field of family and consumer sciences. Areas explored are developing strong positive interpersonal skills, strengthening families through work, play and communication; planning and preparing nutritious food, planning clothing choices; enriching experiences with children, exploring resource management, and developing leadership and organizational skills.

Instructional and learning activities are provided in a laboratory setting using hands-on experiences with the tools and materials appropriate to the course content and in accordance with current food preparation and clothing construction equipment and tools, personal computers and software, and

multi-media platforms.

D. Personal Development

The purpose of this course is to assist students with the development of self-esteem, a personal value system and self-discipline by developing positive coping skills to deal with physical, emotional, intellectual and social changes in self and others.

Instruction and learning activities are in a laboratory setting using hands-on experiences with the instructional materials and multimedia platforms appropriate to the course content and in accordance with current practices.

IV. ORGANIZATIONAL NOMENCLATURE

Teacher/Student Ratio 1:24

Grade Levels for Which Program is Intended 6 - 8

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

- A. Evening classes
- B. F.H.A./H.E.R.O. meetings
- C. Outreach programs for the community

VI. JUSTIFICATION FOR VARIANCE FROM STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (S.R.E.F.) -

- A. The Life Skills Laboratory shall have sewing and kitchen areas.

VII. PROGRAM FACILITIES LIST

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
CAREER EDUCATION - FAMILY & CONSUMER SCIENCE						
1	Life Skills Laboratory (combine sewing & kitchen)			1,680	24	24
1	Material Storage			155		
1	Project Storage			150		
2	Kitchen (combined with Lab)			125		
TOTAL				2,110		24

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Life Skills Laboratory (kitchen)

1. Teacher Demonstration Table and adjacent area

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1	X		Demonstration Table: sink, stainless steel, double
1	X		Demonstration Table: Disposal with GFI switch
1	X		Demonstration Table: Built-in Self cleaning oven with visual light door
1	X		Refrigerator/freezer combination, commercial upright, frost-free, vertical hinge doors, minimum 46 cu. ft. stainless steel with shelving (used for storage of demonstration foods and as central storage of unprepared foods), lockable
1	X		Demonstration Table: Microwave oven (portable) requires separate circuit. Locate oven above wall, <u>not</u> combined unit.
1	X		Demonstration Table: Dishwasher, Jet Tech, commercial, under counter
1	X		Ice machine, 150 lb capacity
1	X		Overhead mirror, adjustable for student viewing, cork on reverse side
	X		Built-ins (refer to special considerations)

2. Preparation Unit Kitchen (4)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
3	X		Range, 30" w x 36" h, front controls, visual light door, with hoods
4	X		Double kitchen sink with kitchen faucet (HW/CW) and garbage disposal
2	X		Refrigerator/freezer with ice maker, 22 cu.ft., each serves two units
1	X		Surface burner cooking units
1	X		Convention Oven
4	X		Microwaves
1	X		Fire extinguisher
1	X		Fire blanket, mounted
1	X		First Aid kit, mounted
	X		Built-ins (refer to special considerations)

3. Instructional Area

No. of Items	Contractor Provided	District Provided (FF&E)	Description
2		X	Octagonal table, plastic, laminated top, 48" diameter, 20" each side, adjustable legs, multipurpose, strong construction as approved by F.A.C.S. Specialist
6		X	Table round, plastic, laminated top, 48" diameter, adjustable legs, folding with casters, multi-purpose, strong construction as approved by F.A.C.S. Specialist
30		X	Chairs, stackable
1		X	File cabinet, four-drawer, legal, lateral, lockable
1		X	Book rack, portable, library size for reference books, recipe books, etc.
2		X	Tea cart, stainless steel
1		X	Teacher podium and adjustable stool with back support
4		X	Computers
2		X	Printers
2	X		Marker Board, 4' x 16' with map rail and flag holder
2	X		Tack Board, 4' x 4'
1	X		6' x 8' video format screen with black masking borders
1	X		Pencil sharpener with proper backing
2	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
1	X		Clock
1	X		TV/Multimedia Cabinet (refer to general considerations)
	X		Built-ins (refer to special considerations)

B. Shared Teacher Planning

No. of Items	Contractor Provided	District Provided (FF&E)	Description
2		X	Workstation with chair
2		X	Computers
1		X	Printer
2		X	File cabinet, four-drawer, legal, lockable
	X		Built-ins (refer to special considerations)

C. Life Choices Laboratory (sewing)

1. Teacher Demonstration Table and Adjacent Area -

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Sewing machine to meet specifications of F.A.C.S. Specialist (with finger guard)
1	X		Overhead mirror, adjustable for student viewing, cork on reverse side
1	X		Table for teacher demonstration with plastic, laminated top, double door base unit, with adjustable shelves, 5-drawer base unit, with modesty panel with electric and

No. of Items	Contractor Provided	District Provided (FF&E)	Description
			data outlets
1		X	Chair, teacher, swivel adjustable
	X		Built-ins (refer to special considerations)

2. Student Centers

No. of Items	Contractor Provided	District Provided (FF&E)	Description
14		X	Sewing machine to meet specifications of F.A.C.S. Specialist (refer to special consideration for built-in cabinets)
3		X	Irons
1		X	Mirror, three-way, adjustable
12		X	Microphone headsets
1		X	VHS camcorder
1		X	VCR
4		X	Scanner, hand
1		X	Scanner
14		X	Computers
2		X	Printers
16		X	Modular units on: work and family, baking, shopping, environmental issues, home security, food preparation, nutrition and wellness, clothing and wardrobe, money, budget, and credit, textiles, home care, smart house, elderly and child care, color, car, TV, VCR, and Internet-www
1	X		Fire blanket, mounted
1	X		First Aid kit, mounted
	X		Built-ins (refer to special considerations)

3. Instructional Area

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Work table with plastic, laminated top, 42"W, x 60"L, to accommodate Pattern Layout and Blueprinting projects
1		X	Teacher podium and adjustable stool with back support
2		X	Student table, plastic, laminated top, under table storage for individual tote trays, 30"W x 72"L x 30"H, multipurpose, strong construction, as approved by F.A.C.S. Specialist.
1		X	Table, round plastic, laminated top, 48" diameter, adjustable legs, folding with casters, strong construction as approved by F.A.C.S. Specialist
30		X	Student chair, stackable
2	X		Marker Board, 4' x 16' with map rail and flag holder
2	X		Tack Board, 4' x 4'

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1	X		6'x 8' video format screen with black masking borders
1	X		Pencil sharpener with proper backing
2	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
1	X		Clock
1	X		TV/Multimedia Cabinet (refer to general considerations)
	X		Built-ins (refer to special considerations)

D. Shared Laundry Area

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1	X		Washer, front loading, stainless steel
1	X		Dryer, vented
1	X		Laundry Tub
1		X	Vacuum Cleaner
1		X	Step stool with safety trends and fold-back seat
1		X	Fitting stool, 24" diameter x 20"H, safety tread foot surface
1		X	Hamper for towels to be folded and tablecloths to be ironed.
	X		Built-ins (refer to special considerations)

IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED

Refer to **GENERAL CONSIDERATIONS, GENERAL SECURITY CONSIDERATIONS AND TRAFFIC CONTROLS.**

- A. Heating/Cooling/Ventilation** - As required to meet District Standards.
 - 1. **Clothes Dryer:** Provide vent to outside.
 - 2. **Range:** Provide hood with exhaust fan and vent to outside.

- B. Acoustical** - As required to meet District Standards.

- C. Floor** – As required to meet District Standards. Provide non-absorbent, non-slip, grease-proof quarry tile with same 6” coved base on all walls with floor drains in kitchen area.

- D. Walls** - As required to meet District Standards. Provide tile back splash in kitchen area.

- E. Ceiling** - As required to meet District Standards.

- F. **Lighting** – As required to meet District Standards. Provide task lights above kitchen area.
- G. **Windows** - As required to meet District Standards.
- H. **Doors** - As required to meet District Standards. Provide doorways for delivery access between laboratories and into teacher planning.
- I. **Water/Plumbing Fixtures** – As required to meet District Standards.
- J. **Communications** – As required to meet District Standards. Telephone jack in material storage in each laboratory
- K. **Electrical** - As required to meet District Standards. Duplex outlets to be provided at each end or one end and center of demonstration islands. Each food preparation unit to be equipped with two duplex outlets above each splash panel. Wall outlets provided for refrigerators, commercial. Electrical molding strips running length of walls adjacent to sewing areas to allow for flexibility in arrangement and to accommodate various quantities and types of electrical equipment, 220-volt outlets for washer, dryer, stoves, water heater, ice makers, garbage disposal, sewing machines, dishwashers, micro ovens, computer management stations, computer work stations for students and teacher, teacher demonstration centers, kitchen units, and additional convenience spaces in MS/teacher planning areas.
- L. **Instructional Technology** – As required to meet District Standards.
- M. **Gas and Air** - As required to meet District Standards.
- N. **Safety** - As required to meet District Standards. Fire blanket mounted on wall in exploration laboratory in close proximity to cooking area. Ground fault interrupters in exploration laboratory. Master switch in both laboratories to turn off all equipment, except refrigerators. Provide panic switch in all laboratories.
- O. **Fencing** – As required to meet District Standards.
- P. **Service Drives** - As required to meet District Standards. Entrance to the department shall be adjacent to a service drive and parking area to accommodate delivery, maintenance, garbage disposal, invited guests and resource persons.
- Q. **Parking** – As required to meet District Standards.
- R. **Built-ins**
 - 1. **Life Skills Laboratory (kitchen)**
 - a. **Teacher Demonstration Table**
 - (1) Provide counter top, 9'L x 30"D x 34"H, including lip and surface

cooking unit

- (2) Provide four-burner "counter top that cooks" with thermostatic controls
- (3) Provide under counter storage area, 6'L x 24"D x 34"H
- (4) Provide double outlet, each end or one on end and one on center of demonstrator side
- (5) Locate where all students can see, no wall.

b. Preparation Unit Kitchen (4)

- (1) Provide plastic laminate counter surface for preparation and service of cooked and baked products, including meals. Area 18'L x 24"D x 34"H (includes double bowl sink). Wall counter, 24" D. L-shaped kitchens are preferred; no islands and avoid one-wall kitchen designs. No upper cabinets protruding out into room that would block teacher's view. Kitchen unit (4): one disabled accessible, and three regular.
- (2) Storage area
 - (a) Provide above counter: 6'W 12"D x 30"H (for dishes, mixing bowls, storage jars, staples, etc.).
 - (b) Provide below counter: 24"D x 34"H x 18"L. Storage for equipment, baking, cooking, etc. All space is utilized by use of drawers with oblong, recessed pulls.
- (3) Provide bookshelves for cookbooks and card files (12"H x 12"D x 18"W)
- (4) Provide cabinet to house convection oven (1), microwave oven (4) stainless steel above convection oven, separate unit, not combined wall unit with microwave oven

c. Storage Room

- (1) Provide storage compartment (18), for student use (personal belongings), 12"H x 12"D x 20"W, in student study modulars, lockable
- (2) Provide textbook storage/shelving in storage room
- (3) Provide storage for equipment, linens, punch bowls and cups, etc., used for entertaining
 - (a) Upper cabinet, 12"D x 30"H x 28"W
 - (b) Lower cabinet, 24"D x 34"H x 28"W
- (4) Provide magazine racks for resource issues

- (5) Provide pantry, 6' x 5'; adjustable shelves, 11"D on two sides; 24"D on back side.
- (6) Provide storage cabinet, six drawers, 5"D x 24"W x 24"L for Instructional file space:
 - i. Drawer storage for illustrative pamphlets.
 - ii. Boxes or storage drawers for instant lessons.
 - iii. Poster storage for: commercial posters, teacher and student-made posters, and poster boards.
 - iv. Bulletin board materials for: paper, cardboard and plastic letters.
 - v. Art supplies and seasonal decorations.

2. Life Choices Laboratory (sewing)

a. Teacher Demonstration Table

1. Provide plastic laminate counter, 6'W x 30"D x 34"H
2. Provide universal cut-out for portable sewing machine under hinged counter surface, centered, 24"W. Leg room for demonstrator.
3. Provide under counter storage - door area large enough to accommodate steam iron, rack, and sleeve board.
4. Provide drawers under counter, approximate size, 5"D x 24"W.

b. Student Area

1. Provide Computer/Sewing Tech Workstations, keyboard mouse slide tray, under counter door locked storage unit, attached spring-loaded pop-up sewing machine storage with grommets for electrical outlets in the counter top and upper lockable adjustable shelving cabinets to house microscopes, books, etc.
2. Provide ironing center (3), each to serve sewing center (3) (recessed in closet) and located in laboratory
 - a. Provide fold down (or out) ironing board
 - b. Provide storage area for iron, pressing mitts

c. Storage Room:

1. Provide section to accommodate 200 tote trays, 6"H x 19"L x

10"W. Caster arrangement: two stationary, two swivel, with foot brakes and one swivel, centered; each long side to be divided into four equal sections to house tote trays, remaining section with slide-out shelves. Each section is to be enclosed with doors, with locks keyed to one master

2. Interior of doors to be outfitted with slots, grooves and hooks for storage of scissors, seam rippers.
3. Provide wall storage that shall accommodate the following:
 - i. storage for student equipment
 - ii. storage of demonstration charts
 - iii. patterns
 - iv. yard sticks
4. Provide storage compartment (18), 12"H x 12"D x 20"W, for student use (personal belongings)
5. Provide book shelves for class quantities of state adopted texts, resource books, reference books
6. Provide magazine racks, approximately 24"W x 30"H x 4"D, for resource issues and pattern books, semi-vertical dividers.
7. Provide storage cabinet, six drawers, 5"D x 24"W x 24"L for Instructional file space:
 - i. Drawer storage for illustrative pamphlets.
 - ii. Boxes or storage drawers for instant lessons.
 - iii. Poster storage for: commercial posters, teacher and student-made posters, and poster boards.
 - iv. Bulletin board materials for: paper, cardboard and plastic letters.
 - v. Art supplies and seasonal decorations.
8. Provide two storage cabinets, lockable for hanging garment s.

3. Shared Laundry Room

- a. Provide built-in, lockable storage cabinet for laundry supplies (detergent, starch, bleach).
- b. Provide storage space for folded linens with doors and lockable.

4. All Laboratories

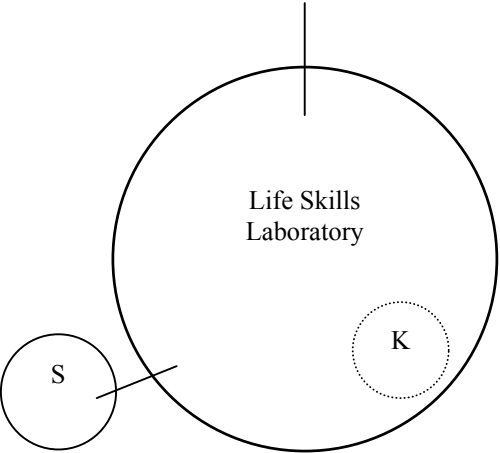
- a. Provide built-in bookcase, 5'L x 15"D x 40"H with adjustable shelves.
- b. Provide computer counter to accommodate four (4) computers and two (2) printers (14'W x 30"D). The counter shall have grommets for wire management.
- c. Provide TV/Multimedia cabinet, approximately 48" in height with the TV monitor sitting on top of the cabinet. The TV/Multimedia cabinet shall include lockable doors with adjustable shelving for multimedia equipment. The TV/Multimedia cabinet shall also have grommets for wire management. The TV/Multimedia cabinet shall be located along or near the teaching wall

S. Other Considerations

1. All locks on cabinets, storage areas and display area shall be keyed for one master
2. Sewing machines must be grounded
3. Refrigerator/freezer, commercial, placed in close proximity to demonstration center.
4. All stationary cabinets and counters have 3" toe space
5. Pest control - enclosed plumbing in under-sink counter cabinets.
6. Teacher planning space is to be located within the collective teacher planning room(s). Direct access from Teacher Planning to foods laboratory is essential.
7. A side-by-side washer and dryer laundry space with hot water heater of sufficient capacity to serve all of the laboratory needs shall be provided in the food laboratory.
8. Colors shall be neutral so instructors and school administration may add key colors in furnishings, equipment and accessories.
9. Laboratory areas shall be designed to accommodate flexible use of classrooms and furniture.

SPATIAL RELATIONSHIPS

**Career Education
Family and Consumer Science**



S = Storage, Project and Material
K = Kitchen

ADMINISTRATIVE**I. PROGRAM PHILOSOPHY**

Refer to overall.

II. PROGRAM GOALS

Refer to overall.

III. PROGRAM ACTIVITIES**A. Administration**

1. Reception of public
2. Reception of students
3. Secretarial and clerical duties
4. Accounting duties
5. Filing and office storage
6. Office activities for:
 - a. Principal
 - b. Curriculum Coordinator
 - c. Assistant Principals
 - d. Community School Director/Assistant Principal
 - e. Deans
7. Data processing/computer area
8. Record keeping and storage
9. Mail distribution
10. Duplicating production
11. Textbook processing and storage
12. Conference (individual and small group)
13. Key and security control
14. Verbal communication, school wide
15. Telephone control, school wide
16. Clock and bell control
17. Curriculum development
18. Student scheduling
19. Attendance and discipline
20. Health clinic

B. Student Personnel Services

1. Reception of students
2. Reception of parents
3. Secretarial and clerical duties
4. Filing and office storage
5. Office activities for guidance counselor
6. Student record keeping and storage
7. Conferences (individual and small group)

C. Individual testing

1. Registration and orientation of new students
2. Job placement follow-up
3. Dissemination of educational, career and personal/social information
4. Liaison activities between school and community agencies

IV. ORGANIZATIONAL NOMENCLATURE

Number of Students Served Per Day Total Varies

Number of Persons Served at one time Varies

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

Community school concept. School facilities are made available for a wide variety of activities and classes after and during regular school hours.

VI. JUSTIFICATION FOR VARIANCE FROM STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (S.R.E.F.)

- A. Combine Student Activities and Careers Room into one space.

VII. PROGRAM FACILITIES LIST

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Per Unit	Stu. Sta. Total
	<u>Administrative</u>					
1	Administrative Office			175		
1	Reception/Secretary			225		
1	Production/Workroom			900		
1	Conference			250		
1	Textbook Storage			184		
1	Records/Vault			158		
1	Production/Workroom			210		
1	Student Activities/Career Room (Combine into 1 space)			420		
	Total			1,621		

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Administrative Office

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Desk/workstation with chair
2		X	Side arm chair
1		X	File Cabinet, four drawer, legal, lateral & lockable
1		X	Computer & Printer
1		X	Bookcase
1	X		Tack board, 3' x 4'
1	X		Clock

B. Reception/Secretary Area (per)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
5		X	Chairs for visitors
1		X	End table
1		X	Computer & Printer
1		X	Bookcase
1	X		Tack Board, 3' x 4'
1	X		Recessed glass enclosed trophy case, approximately, 4' x 8', shatterproof glass (administrative only)
1	X		Recessed Display Case, 6'w x 4'h (located in main and student service reception area)
1	X		Clock, battery
	X		Built-ins (refer to special considerations)

C. Production Workroom

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Collator
2		X	Copier
1		X	Paper cutter
4		X	Work table
6		X	Chairs
1	X		Double sink with goose neck faucet (HW/CW)
2		X	Vending machines
1	X		Refrigerator, residential, 22 cubic ft
1		X	Microwave
1		X	Computer
1		X	Printer
1	X		Tack board, 6' x 4' (located near staff mailboxes)
1	X		Staff mailboxes set on a 30"H x 24"D counter with larger cubby/mailboxes underneath to receive large packages. Mailboxes shall be 4'h x 14" d x 12" w clear inside
1	X		Drop Safe (refer to built-in for details)
1	X		Clock
	X		Built-ins (refer to special considerations)

D. Conference Room (per)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
2		X	Conference table
14-16		X	Conference chairs
1	X		Under counter refrigerator
1	X		Marker Board, 4' x 8' with tack strip
1	X		6' x 8' video format screen with black masking borders
1	X		Clock
	X		Built-ins (refer to special considerations)

E. Vault/Student Records

No. of Items	Contractor Provided	District Provided (FF&E)	Description
		X	File cabinet, four-drawer, legal, lateral, lockable or moveable records filing system or high density filing system
1		X	Metal storage cabinets, with adjustable shelving
1	X		Key cabinet, lockable, mounted
1		X	Workstation with chair
1		X	Computer
1		X	Printer
1		X	Work table
1		X	Fax machine
1		X	Copier
1		X	Clock
	X		Built-ins (refer to special considerations)

F. Career Room

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Desk
1		X	Chair
1		X	Activity table
15-20		X	Chairs, stackable
1		X	File cabinet, legal, lateral, lockable
20		X	Computer
3		X	Printer
1	X		Clock
	X		Built-ins (refer to special considerations)
1	X		Marker board, 4' x 8'
1	X		Tack board, 4' x 4'
1	X		6' x 8' video format screen with black masking borders
1	X		Teacher storage cabinet, lockable, 36"W x 30"D x 72"H, cabinet, with adjustable shelving, lockable
1	X		Periodical storage/bookcase

G. Textbook Storage

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Barcode reader and scanner for textbooks
1	X		Built-ins (refer to special consideration)

IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED

Refer to **GENERAL CONSIDERATIONS, GENERAL SECURITY CONSIDERATIONS AND TRAFFIC CONTROL.**

A. Heating/Cooling/Ventilation - As required to meet District Standards.

- B. **Acoustical** – As required to meet District Standards.
- C. **Floor** - As required to meet District Standards.
- D. **Walls** - As required to meet District Standards.
- E. **Ceiling** - As required to meet District Standards.
- F. **Lighting** - As required to meet District Standards.
- G. **Windows** - As required to meet District Standards.
- H. **Doors** - As required to meet District Standards.
- I. **Water/Plumbing Fixtures** - As required to meet District Standards.
- J. **Communications** - As required to meet District Standards.
- K. **Electrical** - As required to meet District Standards.
- L. **Instructional Technology** – As required to meet District Standards.
- M. **Gas and Air** - N/A
- N. **Safety** - As required to meet District Standards.
- O. **Fencing** - As required to meet District Standards.
- P. **Service Drives** - As required to meet District Standards.
- Q. **Parking** - As required to meet District Standards. Parking for administrators, secretarial staff, and visitors near administrative offices with easy access at all times.
- R. **Built-ins**
 - 1. **Reception/Secretary** - Provide reception counter for a minimum of two people with transaction top and a section to comply with F.A.C.B.C. standards. Provide working counter, 29”-30” h, along reception counter with a minimum of two lockable pedestals and center drawer. The space between working counter and transaction counter shall be 12” clear height to hold notebooks
 - 2. **Production/Workroom** - Provide counter space, with cabinets with doors, adjustable shelving and lockable above and below counter. Counter, 34”H base cabinet, 24”D; upper cabinet, 18”D, located on longest wall in workroom, F.A.C.B.C. compliant.

Provide Drop Safe - for the safety of bookkeepers and money handlers, drop safe shall be installed in non-conspicuous location (production/workroom), non-visible

to the general public and students but easy access to principal and bookkeeper. Model shall be approximately 27-5/16"H x 24-7/16"W x 25-1/2"D. Safe shall be provided with a hopper to drop money pouches. Hopper shall be approximately 6-1/4"H x 7-3/4"W x 13-1/2"D. The safe shall be bolted to the floor.

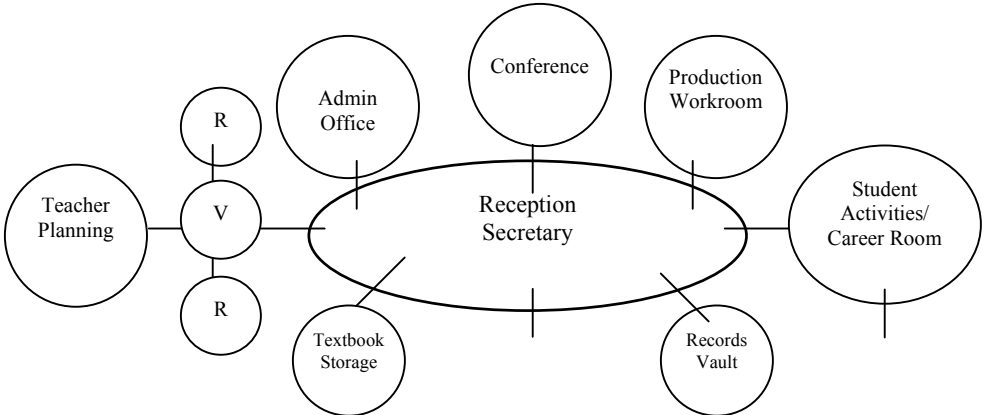
3. **Careers Room** – Provide computer counter with grommets and open, adjustable shelving above counter.
4. **Textbook Storage** – Provide maximum metal shelving on all walls. Provide free-standing shelving for center area allowing for adequate passageway.
5. **Conference Room** - Provide 8’ of base cabinet with lockable doors and adjustable shelving, 34"H, along short wall of room, with upper cabinets with lockable doors and adjustable shelving, 12” clear inside depth.

S. Other Consideration

1. Vault/record room shall be a one-hour rated enclosure.
2. In the Satellite Administration, provide electrical, phones and data in the administrative office, records storage/conference.

SPATIAL RELATIONSHIPS

Administrative



R = Restroom
V = Vestibule

COMPUTER EDUCATION
Skills Development Laboratory

I. PROGRAM PHILOSOPHY

All students shall have the opportunity to gain an understanding of capabilities, applications and social impact of computer technology. As our technology increases more rapidly, it is important for a person to adapt to this changing technology.

II. PROGRAM GOALS

Students will have an opportunity to:

- A. Study computer capabilities and limitations
- B. Investigate computer-related careers
- C. Develop problem solving ability with computers
- D. Acquire a desire for optimum development in computer education
- E. Study different computer languages
- F. Be creatively challenged commensurate with ability.

III. PROGRAM ACTIVITIES

The following courses will be taught in Computer Laboratory:

- A. Computer Applications I/II
- B. Computer Programming I, II & III
- C. Emergent Technologies
- D. Advanced Placement Computer Science

IV. ORGANIZATIONAL NOMENCLATURE

Teacher - Student Ratio: 1:25

Grade Levels for Which Program is Intended: 9 - 12

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

A general purpose Computer Education Instruction (CEI) Laboratory shall be used by all departments on a scheduled basis. Teachers would be able to integrate computer-enhanced instruction into their own curriculum area.

VI. JUSTIFICATION FOR VARIANCE FROM STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (S.R.E.F.)

- A. Material Storage and Teacher Planning shall be folded into classroom to create a classroom of 900 NSF.

VIII. PROGRAM FACILITIES LIST

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Per Unit	Stu. Sta. Total
	<u>Computer Education/Skills Laboratories</u>					
1	Skills Development Laboratories & Storage			900	25	25
	Total			900		25

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Laboratory

No. of Items	Contractor Provided	District Provided (FF&E)	Description
30		X	Workstation with wire management
1		X	Activity Table
1		X	Teacher desk/workstation with chair
2		X	File cabinet, four-drawer, legal, lateral, lockable
30		X	Chair, stackable
30		X	Computers
4		X	Printers
1	X		Marker Board, 4' x 16', with map rails and flag holder.
2	X		Tack Board, 4' x 4'
1	X		6' x 8' video format screen with black masking borders
1	X		Pencil sharpener with proper backing
2	X		Teacher storage cabinet, 36'W x 30"D x 72"H, with adjustable shelving, lockable
1	X		Clock, battery
1	X		TV/Multimedia cabinet (refer to General Considerations)
	X		Built-ins (refer to special considerations)

IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED

Refer to **GENERAL CONSIDERATIONS, GENERAL SECURITY CONSIDERATIONS AND TRAFFIC CONTROL.**

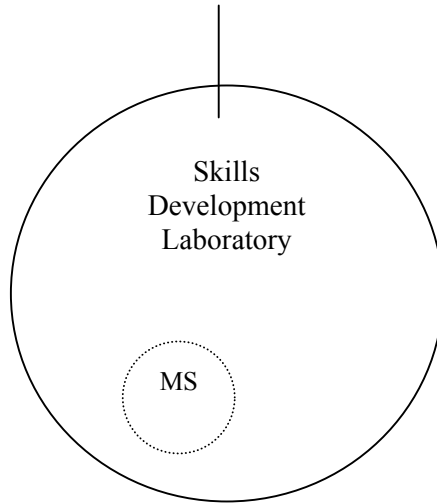
- A. **Heating/Cooling/Ventilation** – As required to meet District Standards.
- B. **Acoustical** - As required to meet District Standards.
- C. **Floor** - As required to meet District Standards.
- D. **Walls** - As required to meet District Standards.
- E. **Ceiling** - As required to meet District Standards.
- F. **Lighting** - As required to meet District Standards.
- G. **Windows** - As required to meet District Standards.

- H. **Doors** - As required to meet District Standards.
- I. **Water/Plumbing Fixtures** – As required to meet District Standards.
- J. **Communications** - As required to meet District Standards.
- K. **Electrical** - As required to meet District Standards.
- L. **Instructional Technology** - As required to meet District Standards. Provide computer/data hook ups for student use to allow perimeter and/or peninsular set-up.
- M. **Gas and Air** - As required to meet District Standards.
- N. **Safety** - As required to meet District Standards.
- O. **Fencing** - As required to meet District Standards.
- P. **Service Drives** - As required to meet District Standards.
- Q. **Parking** - As required to meet District Standards.
- R. **Built-ins**
 - 1. Provide maximum upper cabinets with lockable doors and adjustable shelves with inside clearance of 14”.
 - 2. Provide TV/Multimedia cabinet, approximately 48” in height with the TV monitor sitting on top of the cabinet. The TV/Multimedia cabinet shall include lockable doors with adjustable shelving for multimedia equipment. The TV/Multimedia cabinet shall also have grommets for wire management. The TV/Multimedia cabinet shall be located along or near the teaching wall
- S. **Other Considerations**

N/A

SPATIAL RELATIONSHIPS

Computer Education/Skills Development Laboratories



MS = Material Storage

FOOD SERVICES**I. PROGRAM PHILOSOPHY**

Refer to overall.

II. PROGRAM GOALS

- A. School Food Services intends to offer nutritious foods necessary to maintain good health and welfare for all students.
- B. School Food Services shall provide gainful educational experience relating to nutrition for students.
- C. School Food Services facilities shall also serve school and community functions.

III. PROGRAM ACTIVITIES**A. Dining**

- 1. Student dining
- 2. Faculty dining

B. Kitchen

- 1. Preparation
 - a. Baking
 - b. General preparation
 - c. Production

C. Servery

- 1. Student serving line
- 2. Serving line support equipment

D. Storage and Maintenance

- 1. Receiving
- 2. Food storage
- 3. Non-Food storage
- 4. Can wash
- 5. Laundry
- 6. Food Service Mop Room

E. Warewashing and Refuse Removal

1. Dishwasher
2. Pulping system
3. Pot washing

F. Staff Areas

1. Employee restrooms
2. Office

IV. ORGANIZATIONAL NOMENCLATURE

Student Capacity Per Feeding Period: 433

Total number of students fed per day: 1,300

Grade Levels for Which Program is Intended: 6-8

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

- A. Teacher dining/lounge shall be accessible to kitchen/serving area.
- B. One food court style serving area with 3 points of sale and 1 conventional serving line shall be provided. Serving areas shall be made secure from dining area.
- C. Dining area shall be accessible from parking area to facilitate community use.
- D. Consideration shall be given to students entering and exiting the cafeteria to avoid congestion.
- E. Consideration shall be given for large group meetings such as community activities, school activities and school dances.

VI. JUSTIFICATION FOR VARIANCE FROM SREF REQUIREMENTS

- A. Dining and Multipurpose shall be combined into one space.
- B. Chair Storage for Dining and Multipurpose shall be combined into one space.
- C. 300 NSF from dining to Custodial Golf Cart Storage.
- D. The kitchen area shall be 5,400 NSF based upon the prototype kitchen designed by SDPBC School Food Service.

VII. PROGRAM FACILITIES LIST

Spaces	Description	SREF	Proposed		Existing	Proposed		Existing
			Sq. Ft. Per Unit	Sq. Ft. Total	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.	Stu. Stat. Total.
FOOD SERVICE (Middle School Prototype)								
1	Dining (Combine with Multipurpose)	4,900		1,570	3,330			
1	Kitchen (including office & restroom)	5,400		1,922	3,478			
1	Chair Storage	195			257			
1	Staff Dining/Lounge	850		444	406			
	Staff Restrooms (Out of allotment)							
	Student Restrooms (Out of allotment)							
	TOTAL	11,345		3,936	7,471			

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Student Dining Area

No. of Items	Contractor Provided	District Provided (FF&E)	Description
87		X	Cafeteria table, folding, 29" maximum height
640		X	Cafeteria chair, one per student for largest service period; 18" is suggested as a suitable seat height for all age groups
		X	Vending machine(s)

B. Facility Dining Area

No. of Items	Contractor Provided	District Provided (FF&E)	Description
10		X	Table, round, folding
50		X	Chair, stackable
		X	Vending machine(s)
	X		(10) linear feet of base and wall cabinets, to include (1) sink and (1) adjacent bank of (3) graduated drawers. The counter top is to be 36" above the finished floor.
1	X		18 cubic foot refrigerator
1	X		Microwave
	X		Provide serving equipment consisting of the following components: 3-well hot food unit with sneeze guard; 60" refrigerated cold pan with over shelf and sneeze guard; (2) 36" open top utility counters for desert display.

C. Employee Restroom/Locker Area

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1	X		Full-length mirror.
12	X		Individual coat sized lockers with locks.
1	X		First aide cabinet

D. Office

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Desk & Chair
1		X	Filing Cabinet
1		X	Computer
1		X	Printer
1		X	Fax Machine
	X		(6) linear feet of counter top with base cabinets and wall cabinets. Wall cabinets to be 14” deep and located over countertop.

Refer to SDPBC School Food Service Department’s Generic Educational Specification for layouts and equipment.

IV. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED

Refer to **GENERAL CONSIDERATIONS, GENERAL SECURITY CONSIDERATIONS AND TRAFFIC CONTROL.**

- A. **Heating/Cooling/Ventilation** - As required to meet District Standards.
- B. **Acoustical** - As required to meet District Standards.
- C. **Floor** – As required to meet District Standards.
- D. **Walls** – As required to meet District Standards.
- E. **Ceiling** - As required to meet District Standards.
- F. **Lighting** - As required to meet District Standards.
- G. **Windows** – As required to meet District Standards.
- H. **Doors** - As required to meet District Standards. Locks shall be keyed separately from master system in order that only the School Food Service Manager and one designated person from administration have access. Equip heavy-duty metal, receiving doors, with delivery buzzer on exterior. Provide exterior entrance door with a peephole or security window for identifying person before opening door.

Exterior doors shall be equipped with automatic fly fans. Doors to kitchen and storage shall be wide for delivery of supplies and movement of equipment (minimum of 48" wide).

- I. **Water** - As required to meet District Standards.
- J. **Communications** - As required to meet District Standards. Intercom with volume control in office, kitchen and dining areas. Separate telephone line in office. Television outlets in the dining areas with an origination outlet located on a non-service wall, opposite stage. TV receiver outlets on each side of the stage (stage left, stage right) in the dining areas per ITV specifications. ITV broadcast capability from dining room. Provide microphone outlets: (6) in the cafeteria, (4) on stage. Provide a bell location 7' above the finished floor in kitchen area, with conduit from the nearest telephone terminal cabinet.
- K. **Electrical** - As required to meet District Standards. Lighting control circuit panel for food service areas and power circuit for kitchen shall be easily accessible to kitchen and not in storeroom. Provide spare circuits for future needs. Switches shall be in reach of employees at each workstation. Keep storerooms free of electrical distribution panels, electrical switchgear, transformers, un-insulated pipes, water heaters, refrigeration condensing units or other heat producing devices. Provide conduit with a pull string from each POS station to SDPBC Food Service Manager's office. Include an above ceiling junction box in the dining room, tying back to the last cash register data outlet. (Contact SFS Dept. for details)
- L. **Instructional Technology** - As required to meet District Standards.
- M. **Gas and Air** - As required to meet District Standards.
- N. **Safety** - Total facility shall meet all local and state safety and sanitation codes. As required to meet District Standards.
- O. **Fencing** - As required to meet District Standards.
- P. **Service Drives** - Easy access to entrance for delivery of food and supplies. As required to meet District Standards.
- Q. **Parking** - Space (12) for food service employees, satellite vans and delivery vehicles. As required to meet District Standards.
- Q. **Built-ins** - Provide tack board, 8' x 4' in dining area, 4' x 4' in kitchen preparation area and 4' x 4' in employee locker area.
- R. **Other Considerations**
 - 1. Equipment shall comply with standards identified by seals of approval from the following:
 - a. American Gas Association (AGA) for gas equipment.

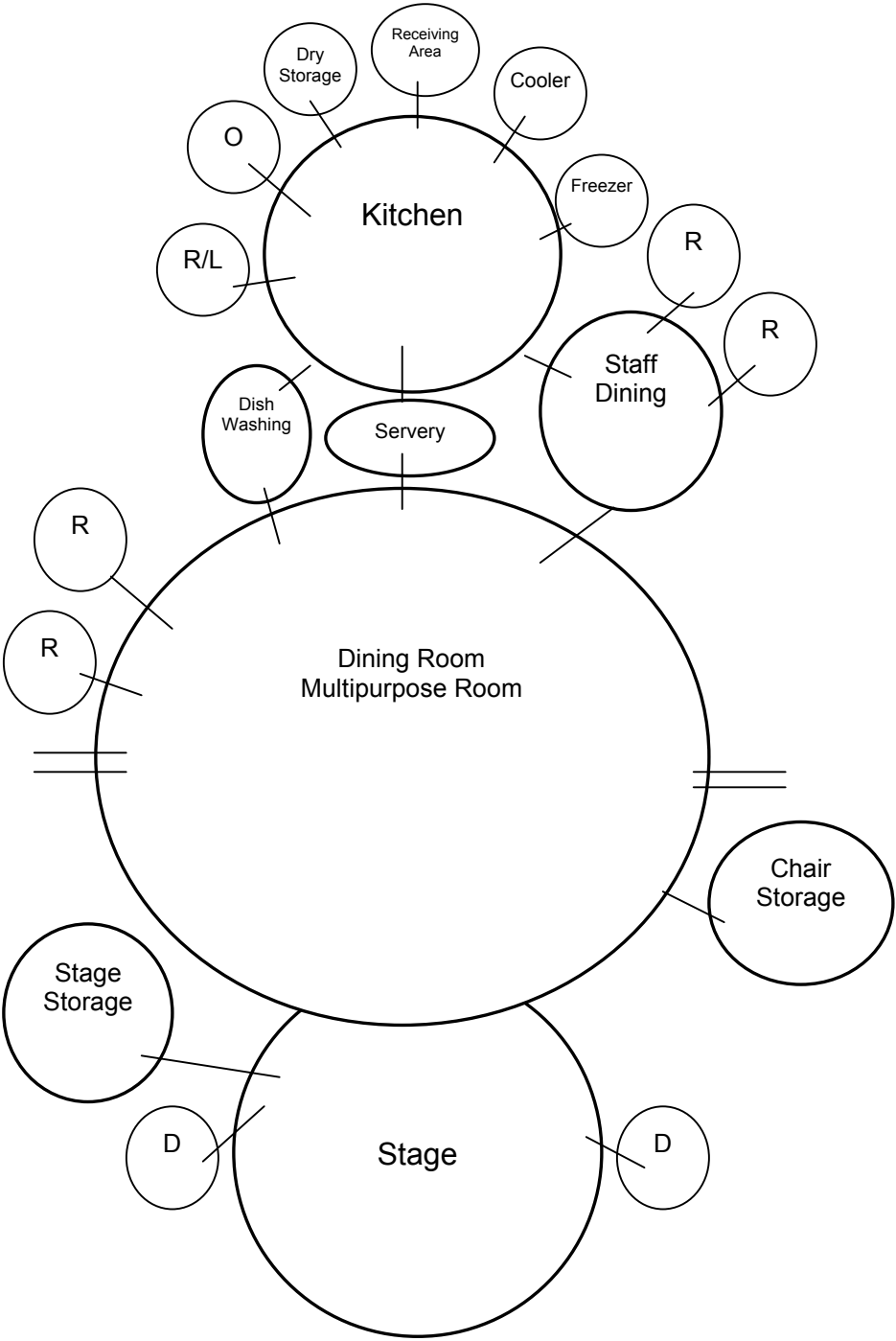
- b. American Society of Mechanical Engineers (ASME) for steam equipment.
 - c. National Sanitation Foundation (NSF).
 - d. Underwriters Laboratory (UL) for electrical equipment.
2. Before an architect prepares specifications, consult with SDPBC School Food Service authorities to include only those brands listed on the Pre-Approved Manufacturer's List. Equipment shall have basic manual temperature and time controls.
 3. Equipment shall be of good quality, approved brands, 14-gauge stainless steel (as specified). Sinks and worktable counter tops are to be 14-gauge, type 304 stainless steel, integrally welded with #4 finish. Table legs to be stainless steel with stainless steel adjustable bullet feet. Table undershelf to be 18-gauge type 304 stainless steel.
 4. Equipment shall be designated for use with standard sized accessories. Example: 12" x 24" steam pans and 18" x 26" bun pans.
 5. The architect shall utilize a professional member of the Foodservice Consultants Society International (FCSI) and recommendations of Design Criteria - School Food Service Facilities published by the SDPBC.
 6. Office area shall be separate from storage room.
 7. Kitchen
 - a. **Receiving area:** shall be in close proximity and easily accessible to storage areas.
 - b. **Baking department:** shall be near general preparation areas.
 - c. **General preparation area:** shall be easily accessible to all other areas.
 - d. **Serving areas:** shall be close to preparation areas, with preparation areas not visible to students.
 - e. **Dishwashing and refuse removal area:** shall be centrally located so that it is easily accessible from all parts of the dining area.
 - f. **Can wash area:** shall be located outside the kitchen area, weather protected, walls and floor to have impervious finish and drained to sanitary system.
 - g. **Laundry area:** shall be a separate and securable area adjacent to the kitchen.
 - h. **Employees' toilets and lockers:** shall be adjacent to the preparation

area.

- i. **Manager's office:** shall be located to enable the manager to view the major areas of activity in the kitchen such as receiving, storage and preparation.
- j. An independent, low-power, sound system shall be provided for the dining room area. The amplifier shall be in a locked closet or built-in cabinet.

SPATIAL RELATIONSHIPS

Food Service, Multipurpose Room & Stage



- R = Restroom
- R/L = Restroom/Lockers
- D = Dressing Room with restroom
- O = Office

LANGUAGE ARTS**I. PROGRAM PHILOSOPHY**

Language Arts encompasses an extensive range of communication skills and of artistic expression, as well as the body of knowledge about the English language and literature. Although the development of communication skills is a lifelong process, the extent to which students become proficient in these skills while at school is vitally related to their future abilities to function independently and productively in life. Language expresses human imagination and is a primary vehicle for transmitting culture. Literature study provides students with insights into human values, experience and potential, and enables them to acquire familiarity with, and appreciation for, literary masterworks. Since language itself is an important means of giving shape to experience and knowledge and of expressing human hopes and feelings, students shall be instructed in the ways in which language functions and in ways of controlling and using language.

II. PROGRAM GOALS

Instruction in Language Arts involves the skills of reading, writing, speaking, listening and observing. Goals of the English program include the following:

- A. Development of skills which are basic to most other subjects studied and useful, if not vital, to success in our highly verbal culture;
- B. Close acquaintance with the literary tradition which comprises the subject matter unique to English, the broad cultural heritage of the English-speaking people--religious, technological, political, sociological and artistic;
- C. Enhancement of critical judgment through practice in and awareness of, the ways language shapes our world;
- D. Development of the powers of comprehension, of critical thinking and of coherence and fluency in expression;
- E. Presentation of literary works that promote humanistic attitudes, aesthetic appreciation, critical evaluation, and positive leisure and civic pursuits.

III. PROGRAM ACTIVITIES**A. Curriculum**

- 1. Composition--imaginative/expressive, informative, expository, persuasive
- 2. Literature--American, British, world, classical, contemporary
- 3. Humanities
- 4. Semantics and logic

5. Mass media--publications, film, video, radio
6. Journalism
7. Speech
8. Debate
9. Reading

B. Classroom Activities

1. Classrooms

- a. Lecture
- b. Lecture/discussion
- c. Demonstration
- d. Supervised study
- e. Small group discussions
- f. Role-playing
- g. Simulation gaming
- h. Individual skills development
- i. Testing
- j. Viewing of videos
- k. Listening to CDS
- l. Developing skills - multimedia: computers, laser disks, CD-Rom

2. Publications

- a. Lecture
- b. Demonstration
- c. Supervised study
- d. Small group/committee work
- e. Individual skills development
- f. Testing

3. Speech Classroom

- a. Lecture
- b. Lecture/discussion
- c. Demonstration
- d. Small group discussion
- e. Panel discussion
- f. Delivering individual speeches
- g. Debating, individual and team
- h. Viewing videos
- i. Listening to CDS
- j. Audio and video
- k. Testing
- l. Supervised study

- m. Role-playing
- n. Performing skits, broadcasts and commercials
- o. Community school classes and meetings
- p. Guest performers/speakers
- q. Rehearsal
- r. Staging/blocking
- s. Oral interpretation

4. Speech/Debate Resource Room for Rehearsal

- a. Individual rehearsal
- b. Individual and group skill practice
- c. Filming
- d. Small group discussion
- e. Debate strategy planning sessions

5. Speech/Debate Resource Room

- a. Research for debate preparation
- b. Storage of debate materials
- c. Sorting and filing
- d. Individual speech preparation
- e. Small group work/discussion

6. Reading/Computer Skills Laboratory - Remedial, Corrective, and Developmental

- a. Individual and small group skills development
- b. Listening CDS
- c. Computer use, teacher and students
- d. Testing
- e. Individual and parent conferences
- f. Demonstration
- g. Supervised study
- h. Detailed record keeping

7. Writing Resource Room

- a. Diagnostic testing
- b. Individual skills development
- c. Demonstration
- d. Small group discussion/tutoring
- e. Supervised study
- f. Record keeping

IV. ORGANIZATIONAL NOMENCLATURE

Teacher - Student Ratio 1:25

Grade Levels for Which Program is Intended 9 - 12

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

- A. Performing Arts suite
- B. Computer terminal hook-ups for innovative reading skills programs
- C. Sharing of facilities with community school

VI. JUSTIFICATION FOR VARIANCE FROM STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (S.R.E.F.)

- A. Teacher Planning and Material Storage shall be folded into the classroom to create a room of 900 NSF.

VII. PROGRAM FACILITIES LIST

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Per Unit	Stu. Sta. Total
	Language Arts					
3	Classrooms		750	2,250	25	75
3	Material Storage		90	270		
3	Teacher Planning		60	180		
	Total			2,700		75

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Classroom (General)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
25		X	Student desk combo
1		X	Teacher desk and chair
1		X	File cabinet, four-drawer, legal, lateral, lockable
1		X	Table, 30" x 72"
1		X	Lectern
1		X	Stool
2	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
1	X		Marker board, 4' x 16', with map rails and flag holder
2	X		Tack Board, 4' x 4'
1	X		6' x 8' video format screen with black masking borders
4		X	Computers
2		X	Printers
1	X		Pencil sharpener with proper backing
1	X		Clock, battery
1	X		TV/Multimedia cabinet (refer to General Considerations)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
	X		Built-ins (refer to special considerations)

B. Publications

1. Classroom

No. of Items	Contractor Provided	District Provided (FF&E)	Description
25		X	Student desk combo
1		X	Teacher desk and chair
2		X	File cabinet, four-drawer, legal, lateral, lockable
1		X	Table, 30" x 72"
1		X	Lectern
1		X	Stool
2	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
1	X		Marker board, 4' x 16', with map rails and flag holder
2	X		Tack Board, 4' x 4'
1	X		6' x 8' video format screen with black masking borders
4		X	Computers
2		X	Printers
1	X		Pencil sharpener with proper backing
1	X		Clock, battery
1	X		TV/Multimedia cabinet (refer to General Considerations)
	X		Built-ins (refer to special considerations)

C. Speech/Debate

1. Classroom

No. of Items	Contractor Provided	District Provided (FF&E)	Description
25		X	Student desk combo
1		X	Teacher desk and chair
1		X	File cabinet, four-drawer, legal, lateral, lockable
2		X	Table, 20" x 72"
2		X	Lectern
1		X	Stool
2	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
1	X		Marker board, 4' x 16', with map rails and flag holder
2	X		Tack Board, 4' x 4'
1	X		6' x 8' video format screen with black masking borders
4		X	Computers
2		X	Printers
1	X		Pencil sharpener with proper backing

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1	X		Clock, battery
1	X		TV/Multimedia cabinet (refer to General Considerations)
	X		Built-ins (refer to special considerations)

IX. SPECIAL CONSIDERATIONS – CONTRACTOR PROVIDED

Refer to **GENERAL CONSIDERATIONS, GENERAL SECURITY CONSIDERATIONS AND TRAFFIC CONTROL,**

- A. **Heating/Cooling/Ventilation** - As required to meet District Standards.
- B. **Acoustical** - As required to meet District Standards.
- C. **Floor** - As required to meet District Standards.
- D. **Walls** - As required to meet District Standards.
- E. **Ceiling** - As required to meet District Standards.
- F. **Lighting** - As required to meet District Standards.
- G. **Windows** - As required to meet District Standards.
- H. **Doors** – As required to meet District Standards.
- I. **Water/Plumbing Fixtures** - As required to meet District Standards.
- J. **Communications** - As required to meet District Standards
- K. **Electrical** - As required to meet District Standards.
- L. **Instruction Technology** - As required to meet District Standards.
- M. **Gas and Air** - As required to meet District Standards.
- N. **Safety** – As required to meet District Standards.
- O. **Fencing** – As required to meet District Standards.
- P. **Service Drives** – As required to meet District Standards.
- Q. **Parking** – As required to meet District Standards.
- R. **Built-ins**

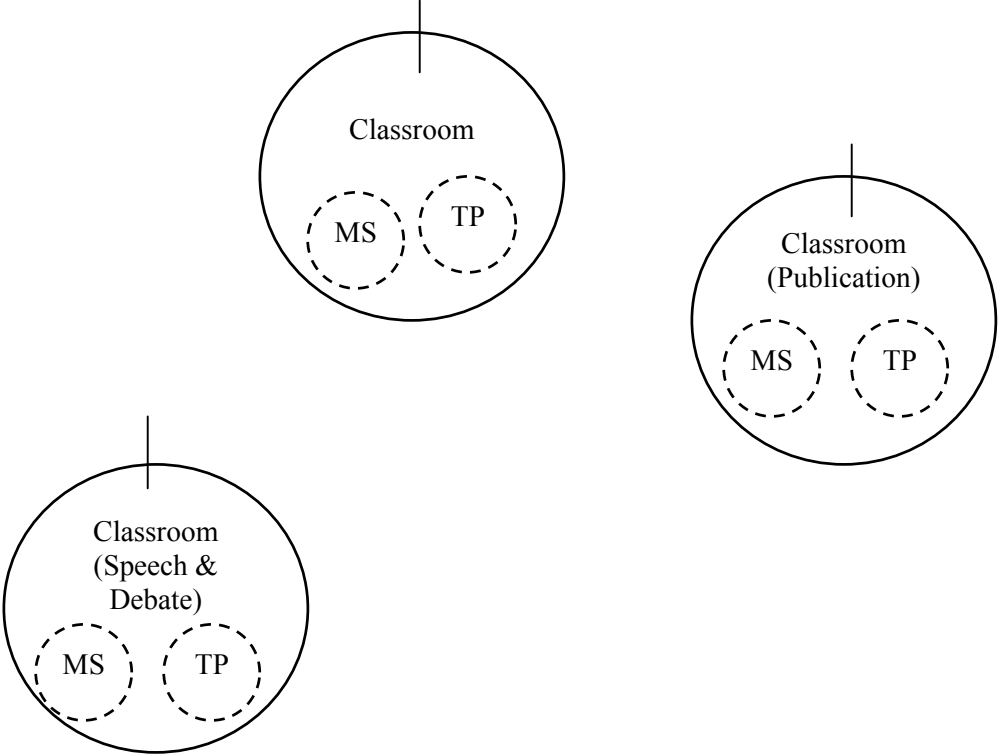
In each instructional space

1. Provide base cabinet with lockable doors and adjustable shelves and upper cabinets with lockable doors and adjustable shelves.
2. Provide built-in bookcase, 5'L x 15"D x 40"H with adjustable shelves.
3. Provide computer counter to accommodate four (4) computers and two (2) printers (14'W x 30"D). The counter shall have grommets for wire management.
4. Provide TV/Multimedia cabinet, approximately 48" in height with the TV monitor sitting on top of the cabinet. The TV/Multimedia cabinet shall include lockable doors with adjustable shelving for multimedia equipment. The TV/Multimedia cabinet shall also have grommets for wire management. The TV/Multimedia cabinet shall be located along or near the teaching wall
5. Additional built-ins
 - a. **Publications Classroom** - student mail box (30) approximately 4"h x 12"d x 12"w each in size.

R. Other Considerations - N/A

SPATIAL RELATIONSHIPS

Language Arts



MS – Material Storage
TP – Teacher Planning

MATHEMATICS**I. PROGRAM PHILOSOPHY**

Mathematics is man's attempt to quantify his environment. The language of mathematics provides a medium to translate the physical world into a system to facilitate recording, manipulation and generalization. As the world progresses rapidly in the technological areas, it becomes increasingly important for a person to master the highest level of mathematics possible.

II. PROGRAM GOALS

Each student will have an opportunity for:

- A. A basic foundation of mathematics
- B. An awareness of changing mathematical techniques
- C. A desire for further mathematical studies
- D. A meaningful and logical study of mathematics
- E. A challenge of mathematical creativity commensurate with ability
- F. A desire for mathematical optimum development and self-evaluation
- G. A meaningful relationship between the pure mathematics and the application of mathematics through the changing technological field.

III. PROGRAM ACTIVITIES**A. Curriculum**

The following courses offer a spectrum of mathematical knowledge from consumer arithmetic skills to abstract concepts developed in calculus. The purpose of these courses is to provide maximum opportunities for students with varying abilities and goals.

1. Explorations I
2. Consumer Mathematics
3. AP Statistics
4. Algebra I and II (Regular and Honors)
5. Informal Geometry
6. Geometry
7. Intensive Mathematics
8. Integrated Mathematics
9. Liberal Arts Mathematics
10. Probability and Statistics
11. Trigonometry
12. Analytic Geometry
13. Mathematical Analysis
14. Mathematical Studies
15. Calculus
16. AP Calculus
17. Business Mathematics
18. Applied Mathematics I, II

B. Teacher Activities

1. Utilize lecture/class discussion
2. Use audio-visual aids such as ITV, video cassettes, and overhead calculators
3. Demonstrate on marker board, overhead projector and with computer simulation
4. Teach, test, and remediate individuals, small groups and large groups
5. Lead group activities
6. Plan in teams and individually
7. Answer individual student questions
8. Prepare students local, state and national mathematics competitions
9. Confer with individual students
10. Plan bulletin boards and interest centers
11. Make recommendations as to selection of materials and equipment
12. Assist with assembly programs
13. Sponsor enrichment programs
14. Help to plan and to lead field trips
15. Participate in teacher, parent and student conferences
16. Use manipulatives in the instructional process
17. Coordinate student use of manipulatives to facilitate the learning process
18. Provide for co-operative team learning

C. Student Activities

1. Work and study independently
2. Study in groups of two or more
3. Complete small group assignments
4. Complete large group assignments
5. View ITV, video cassettes, overhead calculators and computer simulators in groups and individually
6. Complete assignments on marker board and computer
7. Complete homework assignments
8. Utilize computer assisted instruction
9. Work in a computer lab setting a minimum of one day per week

IV. ORGANIZATIONAL NOMENCLATURE

Teacher - Student Ratio 1:25

Grade Levels for Which Program is Intended 9 - 12

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

- A. Area may be used for night classes and community school activities.
- B. The architect shall study the shape of typical classes to provide for efficient operation and communication utilizing various electronic media, as well as traditional teacher/student communications utilizing marker board and wall-mounted illustrations. The spaces must also provide flexibility for large and small group instruction as well as well as the capability for individualized. Electrical outlets shall accommodate use of computers as instructional tools.

VI. JUSTIFICATION FOR VARIANCE FROM STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (S.R.E.F.)

A. Teacher Planning and Material Storage shall be folded into the classroom to create a room of 900 NSF.

VII. PROGRAM FACILITIES LIST

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Per Unit	Stu. Sta. Total
	Mathematics					
3	Classrooms		750	2,250	25	75
3	Material Storage		90	270		
3	Teacher Planning		60	180		
	Total		900	2,700		75

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Classrooms

No. of Items	Contractor Provided	District Provided (FF&E)	Description
25		X	Student desk combo
1		X	Teacher desk and chair
1		X	File cabinet, four-drawer, legal, lateral, lockable
1		X	Table, 30" x 72"
1		X	Bookcase
1		X	Lectern
1		X	Stool
1	X		Math, Cartesian graph, permanent marker board or roll-up type and circle, similar to map set-ups. If none available, an extra board with a permanent Cartesian graph and circle, 4' x 4'
2	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
1	X		Marker board, 4' x 16', with map rails and flag holder
2	X		Tack Board, 4' x 4'
1	X		6' x 8' Video Format Screen with black masking borders
4		X	Computers
2		X	Printers
1	X		Pencil sharpener with proper backing
1	X		Clock, battery
1	X		TV/Multimedia cabinet (refer to General Considerations)
	X		Built-ins (refer to special considerations)

IX. SPECIAL CONSIDERATIONS – CONTRACTOR PROVIDED

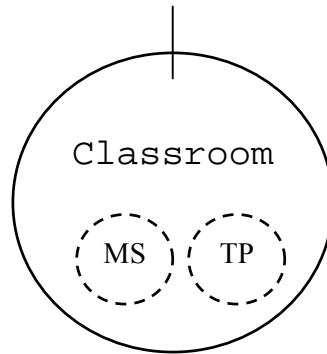
Refer to **GENERAL CONSIDERATIONS, GENERAL SECURITY CONSIDERATIONS AND TRAFFIC CONTROL,**

A. Heating/Cooling/Ventilation - As required to meet District Standards.

- B. **Acoustical** - As required to meet District Standards.
- C. **Floor** - As required to meet District Standards.
- D. **Walls** - As required to meet District Standards.
- E. **Ceiling** - As required to meet District Standards.
- F. **Lighting** - As required to meet District Standards.
- G. **Windows** - As required to meet District Standards.
- H. **Doors** – As required to meet District Standards.
- I. **Water/Plumbing Fixtures** - As required to meet District Standards.
- J. **Communications** - As required to meet District Standards.
- K. **Electrical** - As required to meet District Standards
- L. **Instruction Technology** - As required to meet District Standards.
- M. **Gas and Air** - As required to meet District Standards.
- N. **Safety** – As required to meet District Standards.
- O. **Fencing** – As required to meet District Standards.
- P. **Service Drives** – As required to meet District Standards.
- Q. **Parking** – As required to meet District Standards.
- R. **Built-ins**
 1. Provide base cabinet with lockable doors and adjustable shelves and upper cabinets with lockable doors and adjustable shelves.
 2. Provide built-in bookcase, 5’L x 15”D x 40”H with adjustable shelves.
 3. Provide computer counter to accommodate four (4) computers and two (2) printers (14’W x 30”D). The counter shall have grommets for wire management.
 4. Provide TV/Multimedia cabinet, approximately 48” in height with the TV monitor sitting on top of the cabinet. The TV/Multimedia cabinet shall include lockable doors with adjustable shelving for multimedia equipment. The TV/Multimedia cabinet shall also have grommets for wire management. The TV/Multimedia cabinet shall be located along or near the teaching wall
- R. **Other Considerations** - N/A

SPATIAL RELATIONSHIPS

Mathematics



MS – Material Storage
TP – Teacher Planning

Not all spaces are shown

MULTIPURPOSE

I. PROGRAM PHILOSOPHY

Refer to overall

II. PROGRAM GOALS

Facility shall serve school and community functions.

III. PROGRAM ACTIVITIES

N/A

IV. ORGANIZATIONAL NOMENCLATURE

N/A

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

N/A

VI. JUSTIFICATION FOR VARIANCE FROM STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (S.R.E.F.)

A. Dining and Multipurpose have been combined into one space.

B. Dining and Multipurpose chair storages have been combined into one space.

VII. PROGRAM FACILITIES LIST

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
	MULTIPURPOSE					
1	Multipurpose Room (combine with dining)			2,015		
	TOTAL			2,015		0

VIII. PROGRAM FURNITURE AND EQUIPMENT

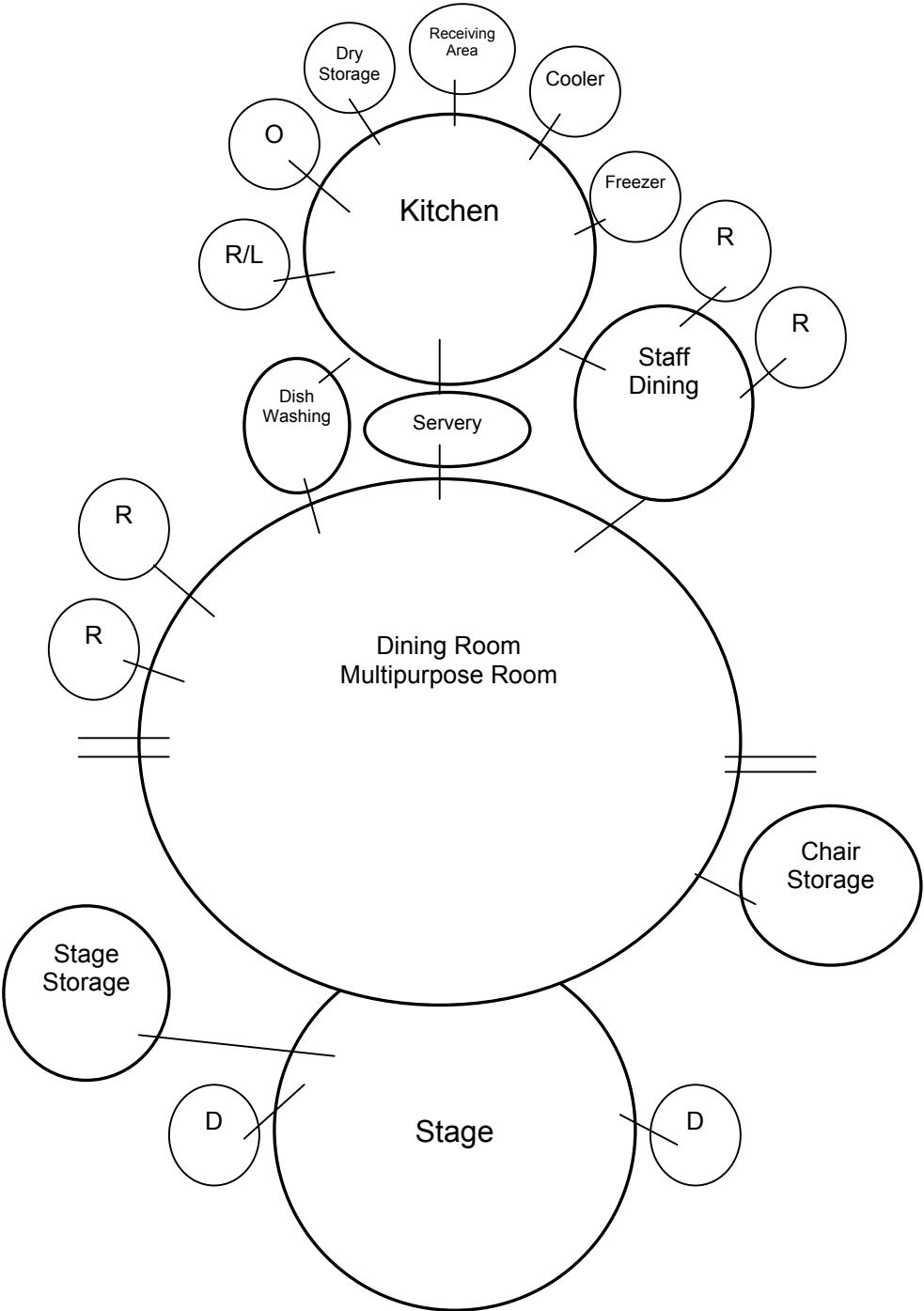
Refer to **Food Services**.

IX. SPECIAL CONSIDERATIONS

Refer to **Food Services**.

SPATIAL RELATIONSHIPS

Food Services, Multipurpose Room & Stage



- R = Restroom
- R/L = Restroom/Lockers
- D = Dressing Room with restroom
- O = Office

RESOURCE ROOMS

I. PROGRAM PHILOSOPHY

All students are entitled to receive appropriate educational services designed to achieve two major objectives: (1) the development of skills and competencies common to all citizens; (2) the development of skills and competencies unique to the students' individual potentialities.

II. PROGRAM GOALS

Students will be provided educational programs designed to meet their individual needs.

III. PROGRAM ACTIVITIES

Instruction will be provided in academic, vocational, living skills and enrichment curriculum areas.

IV. ORGANIZATIONAL NOMENCLATURE

Teacher - Student Ratio 1:15
Grade Levels For Which Program Is Intended 9-12

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

N/A

VI. JUSTIFICATION FOR VARIANCE FROM STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (S.R.E.F.)

A. Combine Material Storage into Resource Room.

VII. PROGRAM FACILITIES LIST

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Per Unit	Stu. Sta. Total
	<u>Resource Room</u>					
2	Resource Room		480	960		
2	Material Storage		90	<u>180</u>		
	Total		570	1,140		

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Resource Room

No. of Items	Contractor Provided	District Provided (FF&E)	Description
15		X	Student desk combos
1		X	Teacher desk and chair
1		X	Stool, 30"
1		X	Table, 30"W x 72"L
6		X	Chair
1		X	File cabinet, four-drawer, legal, lateral, lockable
4		X	Computer
2		X	Printer
1	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
2	X		Marker board, 4' x 8', with map rail and flag holder
2	X		Tack Board, 4' x 4'
1	X		6' x 8' Video Format Screen with black masking borders
1	X		Pencil sharpener with proper backing
1	X		Clock, battery
1	X		TV/Multimedia cabinet (refer to General Considerations)
	X		Built-ins (refer to special considerations)

IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED

Refer to GENERAL CONSIDERATIONS, GENERAL SECURITY CONSIDERATIONS AND TRAFFIC CONTROL.

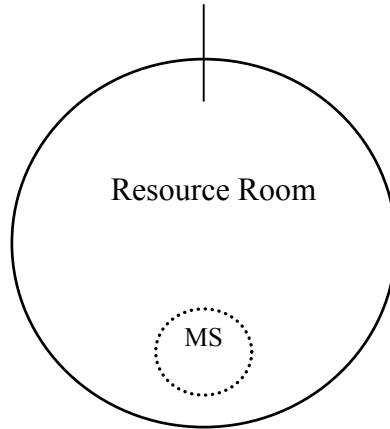
- A. Heating/Cooling/Ventilation - As required to meet District Standards.
- B. Acoustical - As required to meet District Standards.
- C. Floor - As required to meet District Standards.
- D. Walls - As required to meet District Standards.
- E. Ceiling - As required to meet District Standards.
- F. Lighting - As required to meet District Standards.
- G. Windows - As required to meet District Standards.
- H. Doors - As required to meet District Standards.
- I. Water/Plumbing Fixtures - As required to meet District Standards.
- J. Communications -. As required to meet District Standards.

- K. **Electrical** - As required to meet District Standards.
- L. **Instructional Technology** - As required to meet District Standards.
- M. **Gas and Air** - As required to meet District Standards
- N. **Safety** – As required to meet District Standards.
- O. **Fencing** - As required to meet District Standards.
- P. **Service Drives** – As required to meet District Standards.
- Q. **Parking** - As required to meet District Standards.
- R. **Built-ins**
 - 1. Provide base cabinet with lockable doors and adjustable shelves and upper cabinets with lockable doors and adjustable shelves.
 - 2. Provide built-in bookcase, 5'L x 15"D x 40"H with adjustable shelves.
 - 3. Provide computer counter to accommodate four (4) computers and two (2) printers (14'W x 30"D). The counter shall have grommets for wire management.
 - 4. Provide TV/Multimedia cabinet, approximately 48" in height with the TV monitor sitting on top of the cabinet. The TV/Multimedia cabinet shall include lockable doors with adjustable shelving for multimedia equipment. The TV/Multimedia cabinet shall also have grommets for wire management. The TV/Multimedia cabinet shall be located along or near the teaching wall
- S. **Other Considerations**

N/A

SPATIAL RELATIONSHIPS

Resource Room



MS - Material
Storage
Not all spaces are
shown

SCIENCE**I. PROGRAM PHILOSOPHY**

Today's society requires scientifically literate and laboratory-skilled high school graduates. Therefore, it is imperative that they participate in a dynamic science education program with considerable laboratory opportunities. Such a program will encourage student understanding of the experimental nature of science, increase the level of students' technical skills, and enhance student enthusiasm.

II. PROGRAM GOALS

- A. Maximize laboratory use and provide a laboratory-centered science experience for all students.
- B. Provide a cost-effective laboratory program through more efficient utilization of materials and equipment.
- C. To eliminate equipment duplication.

III. PROGRAM ACTIVITIES**A. Courses Offered**

- | | |
|---------------------------------|------------------------------|
| 1. Earth Science | 9. Botany |
| 2. Biology I, II, honors & AP | 10. Zoology |
| 3. Marine Science | 11. Astronomy |
| 4. Chemistry I, II, honors & AP | 12. Environmental Science |
| 5. Physical Science | 13. Ecology |
| 6. Physics I, II & AP | 14. Principles of Technology |
| 7. Science Research | 15. Genetics |
| 8. Anatomy and Physiology | 16. Intergrated Science |

The facilities must be adaptable to all these curricula. It is planned that all courses will be taught with an emphasis on investigation.

B. Teacher Activities

- 1. Conduct lecture/class discussion.
- 2. Demonstrate for single and double classes in lecture room.
- 3. Demonstrate on marker board and with overhead projector.
- 4. Plan, provide and lead laboratory activities.
- 5. Use ITV, films, Closed-Circuit TV, etc.
- 6. Teach, test and remediate individuals, small and large groups.
- 7. Prepare students for science fair competitions.
- 8. Answer individual student questions.
- 9. Plan individually and departmentally.
- 10. Team two teachers with single and double classes in teaching/lecture room.
- 11. Use models, charts and whiteboard
- 12. Conduct outdoor instructional activities for classes and individual students.

C. Student Activities**1. Classroom/Laboratory**

- a. Perform activities in small and large groups.
- b. Listen to lecture and participate in class discussions.
- c. Watch audio-visual and ITV presentations
- d. Participate in small group activities with display equipment, such as aquarium models and other apparatus for class projects not requiring laboratory facilities.
- e. Maintain animals and plants.
- f. Observe specimens under a microscope.
- g. Plan, prepare, demonstrate, and exhibit science fair projects.
- h. Perform activities which involve the use of gas, water, air and electricity.
- i. Utilize counter space to read earth science maps, operate computers, etc.
- j. Study and experiment individually.
- k. Collect and identify rocks, minerals and soil.
- l. Perform scientific experiments in groups of two or three. These experiments will apply, prove and/or test basic theories which have been presented in the classroom.
- m. Use a variety of microscopes.
- n. Utilize apparatus and equipment in performing scientific experiments requiring electricity, water, air, and gas.
- o. View ITV, films, and/or videos individually and in groups.
- p. Interface the computer with basic laboratory equipment.

IV. ORGANIZATIONAL NOMENCLATURE

Teacher - Student Ratio 1:25

Grade Levels for Which Program is Intended 9 - 12

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

- A. Provide for inter- and intra-departmental Closed-Circuit TV which will allow for the transmission of appropriate lectures and demonstrations to selected

classrooms/laboratories.

The opportunity for centralizing signal origination shall be available. Selective switching of programming to points of signal origination shall include the classroom/laboratories.

- B. Community School utilization in science-related interest areas, e.g., electricity, astronomy.
- C. Science areas shall have a lockable, equipment maintenance room with hose bibb to allow cleaning and storage of wet equipment after field trips.
- D. Six science laboratories shall be equipped for Biology, Chemistry, Physics, and Earth/Physical Science programs.

VI. JUSTIFICATION FOR VARIANCE FROM STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (S.R.E.F.)

N/A

VII. PROGRAM FACILITIES LIST

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Per Unit	Stu. Sta. Total
	Science					
3	Science Demonstration/Classroom		900	2,700	25	75
2	Material Storage		200	400		
	Total			3,100		75

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Laboratory (per lab)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
4	X		Tables to seat eight students at each table; F.A.C.B.C. and F.A.C.B.C. accessible, flat table top; no monitor well turret, enclosure or infrared remote keyboard; include sink module; exclude portable cabinet cubicles and upright clamp rod assembly; include cold water unicast fixture with gas (no unimix H/C).
1		X	Teacher desk and chair
1		X	Laboratory Stool, adjustable back
1		X	Table, 30"W x 72"L
32		X	Chair
1		X	File cabinet, four-drawer, legal, lateral, lockable, chemical resistant top
2		X	Laboratory cart, portable
1		X	Fume hood, permanent, vented to outside, in the

No. of Items	Contractor Provided	District Provided (FF&E)	Description
			chemistry lab
1		X	Safety shield, (explosion shield) portable
1		X	Sterilizer for safety goggles with lamp
1		X	Trash can, 25-gal., non-metal
1		X	Spark-resistant safety can for disposal of flammables
1		X	Dry chemical waste container
16		X	Microscope
40		X	Safety goggle and spill-control pillows
1		X	Sand bucket, 25 pounds
30		X	Student apron
1		X	Teacher Lab coat
1		X	Electronic Scale
1		X	Ultrasonic cleaner
1		X	Microviewers
1		X	Flex Cam
25		X	Triple-beam balance
1		X	Stream table, portable (Earth Science only)
1		X	Weather station with Barograph, Thermograph, etc. (Earth Science only)
8	X		Sinks, stainless steel (with sink covers)
1	X		Deluge shower and eye wash
1		X	Glassware drying rack
4		X	Computer
2		X	Printer
2	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
2	X		Marker board, stackable, 4' x 16', with map rail and flag holder
2	X		Tack Board, 4' x 4'
1	X		6' x 8' Video Format Screen with black masking borders
1	X		Pencil sharpener with proper backing
	X		Fire extinguishers, per code
1	X		Fire blanket, wall-mounted
1	X		First Aid kit, wall mounted
1	X		Display cabinet, transparent front
1	X		Clock, battery
1	X		TV/Multimedia cabinet (refer to General Considerations)
	X		Built-ins (refer to special considerations)
1	X		Teacher demonstration table (refer to special considerations)

B. Material Storage (per)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Glassware drying rack
1		X	Trash can, 25-gal. capacity, non-metal
	X		Smoke detector, per code
	X		Exhaust fan, per code
1	X		Double stainless steel sink
	X		Built-ins (refer to special considerations)

IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED

Refer to GENERAL CONSIDERATIONS, GENERAL SECURITY CONSIDERATIONS AND TRAFFIC CONTROL.

- A. **Heating/Cooling/Ventilation** - As required to meet District Standards.
- B. **Acoustical** - As required to meet District Standards.
- C. **Floor** - As required to meet District Standards.
- D. **Walls** - As required to meet District Standards.
- E. **Ceiling** - As required to meet District Standards.
- F. **Lighting** - As required to meet District Standards.
- G. **Windows** - As required to meet District Standards. Provide observation window between material storage and laboratories.
- H. **Doors** - As required to meet District Standards.
- I. **Water/Plumbing Fixtures** - As required to meet District Standards. Provide master shut-off valve for water.
- J. **Communications** - As required to meet District Standards.
- K. **Electrical** - As required to meet District Standards. Master shut-offs to all electrical outlets in an area shall be provided and located in a secure area near the demonstration areas in laboratories and near the exit doors of other areas, with the exception of the chemical storage room where the master shutoff will be located externally and marked.
- L. **Instructional Technology** - As required to meet District Standards.
- M. **Gas and Air** - As required to meet District Standards. Provide two gas lines at teacher station and at student stations. For Chemistry and Advanced Biology laboratories, provide compressed air, gas and water at teacher station and at student stations. Provide master shut-off valves for gas and compressed air. Based on program furniture and equipment, provide gas and compressed air as required.
- N. **Safety** - As required to meet District Standards.
- O. **Fencing** – As required to meet District Standards.
- P. **Service Drives** – As required to meet District Standards.
- Q. **Parking** - As required to meet District Standards.

R. Built-ins

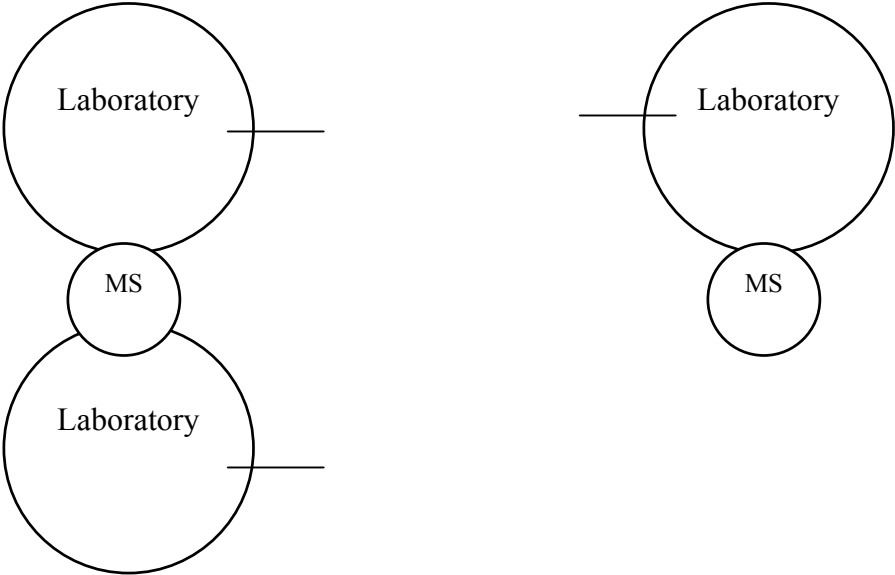
1. **Laboratory** – Provide and position counters on both side walls with lockable cabinets below and glass-fronted cabinets above. Leave at least 2' of space between counter and upper cabinets to accommodate computers and other equipment. Also provide computer hook-up (6), including phone modem and lock down capability. Bookcases, 30"H, adjustable shelves. Provide microscope cabinet to house microscope (60), and stereoscopic microscope (15), lockable. Provide bookcase with locking, hinged, glass doors and adjustable shelves, approximately, 84"H x 42"W x 16"D. Provide teacher demonstration table, 72", permanent with sink, electrical and data connections (additionally, gas and air hook-ups in the chemistry lab only); with above demonstration mirror. Provide computer counter to accommodate four (4) computers and two (2) printers (14'W x 30"D). The counter shall have grommets for wire management. Provide TV/Multimedia cabinet, approximately 48" in height with the TV monitor sitting on top of the cabinet. The TV/Multimedia cabinet shall include lockable doors with adjustable shelving for multimedia equipment. The TV/Multimedia cabinet shall also have grommets for wire management. The TV/Multimedia cabinet shall be located along or near the teaching wall
2. **Material Storage** – Provide acid-resistant counter on two walls with double, deep sink (2) with residue traps, full service (gas, air, electricity, water); lockable drawers and open, adjustable shelf base cabinets. Provide wall cabinets, glass-front doors, lockable, with adjustable shelves on available wall space. Provide floor-to-ceiling, adjustable shelves, 12"D, on available wall space.

S. Other Considerations

1. Provide grease traps, where necessary.
2. Chemical storage to have outside wall in case of explosion.
3. Student activities take place in the perimeter areas of the laboratory. Laboratory shall require adequate standing height work surface.
4. A dispensing area located in the laboratory shall be necessary to issue supplies and equipment.

SPATIAL RELATIONSHIPS

Science



MS = Material Storage

SOCIAL STUDIES

I. PROGRAM PHILOSOPHY

The high school social studies program is organized around, and focused on, personal and societal goals that help students become effective participants in the social world. Additionally, the program provides an understandable framework for integrating knowledge from history and the social science disciplines and for explicating the major knowledge, skills, values, and participation goals of social studies.

II. PROGRAM GOALS

The high school social studies program goals center around the preparation of students for more reflective and effective political participation in their society. The program goals would include the following:

- A. Socialization - aimed at helping the student become an effective member of social groups.
- B. Decision-making processes - aimed at helping students to make effective use of intellectual skills in reaching decisions about his/her social concerns.
- C. Citizenship - aimed at helping the students to use more effectively the processes of a representative-democratic government.
- D. Knowledge Acquisition - aimed at helping the student to acquire and utilize information and intellectual skills provided through social science curriculum.

In addition, the program will stress the assimilation of three important components of social studies - subject, learner and society.

III. PROGRAM ACTIVITIES

A. Curriculum

1. American Government
2. American History
3. Comparative Political Systems
4. Economics
5. Law Studies
6. Psychology
7. Sociology
8. World Geography
9. World History
10. Anthropology
11. African-American History
12. Advanced Placement Courses

B. Teacher Activities

1. Confer with individual students.
2. Consult with small groups on activities, discussions or projects.
3. Lead large or small discussion groups.
4. Plan bulletin boards and interest centers.
5. Recommend materials and equipment.
6. Plan with team of teachers for class and inter-level group activities.
7. Assist with assembly programs.
8. Sponsor enrichment programs.
9. Provide demonstrations.
10. Help to plan and lead field trips.
11. Lecture.
12. Interview resource people.
13. Provide techniques for teacher and student evaluation of learning.
14. Conduct teacher, parent, and pupil conferences.
15. Utilize computer lab activities

C. Student Activities

1. Think - Creative and critical thinking, problem solving, associations.
2. Speak - Speeches, explanations, dramatizations, demonstrations, simulations, class and panel discussions.
3. Read - Textbooks, reference books, reports, magazines, newspapers, fiction, trade books.
4. Write - Creative writing, reports, research papers, outlines, summaries, speeches, comparisons.
5. View - LCD projectors, pictures, T.V., maps, charts, globes
6. Inspect - Relief maps, roads maps, globes, artifacts, samples, pictures, charts, graphs.
7. Construct - Booklets, displays, posters, scrapbooks, graphs, bulletin boards, maps, charts, diagrams, time lines, pictures, replicas, dioramas, mobiles, murals.

IV. ORGANIZATIONAL NOMENCLATURE

Teacher - Student Ratio 1:25

Grade Levels for Which Program is Intended 9 - 12

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

- A. Areas may be used for night class and community school activities.

- B. The architect shall study the shape of typical classrooms to provide for efficient operation and communication, utilizing marker board and wall-mounted illustrations. The spaces must also provide flexibility for large and small group instruction as well as the capability for individualization. Computerized lab activities will be incorporated into instructional program.

VI. JUSTIFICATION FOR VARIANCE FROM STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (S.R.E.F.) -

- A. Teacher Planning and Material Storage shall be folded into the classroom to create a room of 900 NSF.

VII. PROGRAM FACILITIES LIST

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Per Unit	Stu. Sta. Total
	<u>Social Studies</u>					
3	Classrooms		750	2,250	25	75
3	Material Storage		90	270		
3	Teacher Planning		60	180		
	Total			2,700		75

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Classroom

No. of Items	Contractor Provided	District Provided (FF&E)	Description
25		X	Student desk combo
1		X	Teacher desk and chair
1		X	File cabinet, four-drawer, legal, lateral, lockable
1		X	Table, 30" x 72"
1		X	Bookcase
1		X	Lectern
1		X	Stool
1		X	Map/globe
2	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
1	X		Marker board, 4' x 16', with map rails and flag holder
2	X		Tack Board, 4' x 4'
1	X		6' x 8' Video Format Screen with black masking borders
4		X	Computers
2		X	Printers
1	X		Pencil sharpener with proper backing
1	X		Clock, battery
1	X		TV/Multimedia cabinet (refer to General Considerations)
	X		Built-ins (refer to special considerations)

IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED

Refer to GENERAL CONSIDERATIONS, GENERAL SECURITY CONSIDERATIONS AND TRAFFIC CONTROL.

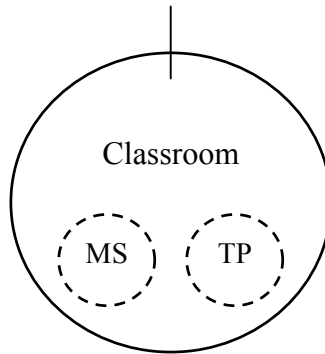
- A. Heating/Cooling/Ventilation - As required to meet District Standards.
- B. Acoustical - As required to meet District Standards.
- C. Floor - As required to meet District Standards.
- D. Walls - As required to meet District Standards.
- E. Ceiling - As required to meet District Standards.
- F. Lighting - As required to meet District Standards.
- G. Windows – As required to meet District Standards.
- H. Doors - As required to meet District Standards.
- I. Water/Plumbing Fixtures - As required to meet District Standards.
- J. Communications - As required to meet District Standards.
- K. Electrical - As required to meet District Standards.
- L. Instruction Technology - As required to meet District Standards.
- M. Gas and Air - As required to meet District Standards.
- N. Safety – As required to meet District Standards.
- O. Fencing – As required to meet District Standards.
- P. Service Drives – As required to meet District Standards.
- Q. Built-ins
 - 1. Provide base cabinet with lockable doors and adjustable shelves and upper cabinets with lockable doors and adjustable shelves.
 - 2. Provide built-in bookcase, 5'L x 15"D x 40"H with adjustable shelves.
 - 3. Provide computer counter to accommodate four (4) computers and two (2) printers (14'W x 30"D). The counter shall have grommets for wire management.
 - 4. Provide TV/Multimedia cabinet, approximately 48" in height with the TV monitor

sitting on top of the cabinet. The TV/Multimedia cabinet shall include lockable doors with adjustable shelving for multimedia equipment. The TV/Multimedia cabinet shall also have grommets for wire management. The TV/Multimedia cabinet shall be located along or near the teaching wall

R. Other Considerations - N/A

SPATIAL RELATIONSHIPS

Social Studies



MS – Material Storage

Not all spaces are shown

STAGE/SUPPORT**I. PROGRAM PHILOSOPHY**

Refer to overall.

II. PROGRAM GOALS

Stage / support space are to provide facilities in support of instructional programs, and to encourage out-of-class use of students and staff.

New trends in teaching methods and new awareness of the school as a community center make stage / support essential auxiliary teaching and community activities spaces for the middle school.

With a growing concern to utilize large rooms for multiple purposes, the dining room will be served by stage / support facilities.

The architect is encouraged to explore planning alternatives for stage / support spaces as related to the dining hall for most effective utilization.

III. PROGRAM ACTIVITIES

The stage / support areas will provide the following:

- A. A convenient setting for presentations to large group assemblies for a variety of purposes - instruction, meetings, displays, etc.
- B. A facility for teaching participation in, and appreciation of, the performing arts.

IV. ORGANIZATIONAL NOMENCLATURE

Teacher/Student Ratio: Varies

Grade Levels for Which Program is Intended: 6 - 8

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

- A. The project architect is encouraged to study stage design alternatives which permit use of stage area. In addition, special lighting and sound equipment shall be considered.

VI. JUSTIFICATION FOR VARIANCE FROM STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (S.R.E.F.) - N/A

- A. 100 NSF for Control Booth to CCTV Studio-Production.

VII. PROGRAM FACILITIES LIST

Spaces	Description	SREF	Proposed		Existing	Proposed		Existing
			Sq. Ft. Per Unit	Sq. Ft. Total	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.	Stu. Stat. Total.
STAGE/SUPPORT Middle School Prototype								
1	Stage	900		353	637			
1	Stage Storage	650		650				
2	Dressing Rooms	488	244	208	280			
	Control Booth (to CCTV Studio-Production)							
	Total			1,211	917			

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Stage -

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1	X		Stage Curtains
	X		Microphone jacks for stage at the trust and overhead
1	X		Video Format Screen with black masking borders, 10' x 12' min, electrically operated
	X		Built-ins (refer to special considerations)

B. Dressing Room (2)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
6		X	Chairs, stable
1	X		Single sink with (HW/CW).
1		X	Full length mirror
1	X		Tack board, 3' x 4'
	X		Built-ins (refer to special considerations)

IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED

Refer to GENERAL CONSIDERATIONS, GENERAL SECURITY CONSIDERATIONS AND TRAFFIC CONTROLS.

For specific ventilation and fire protection requirements refer to SREF.

A. Heating / Cooling / Ventilation – As required to meet District Standards.

B. Acoustical - As required to meet District Standards.

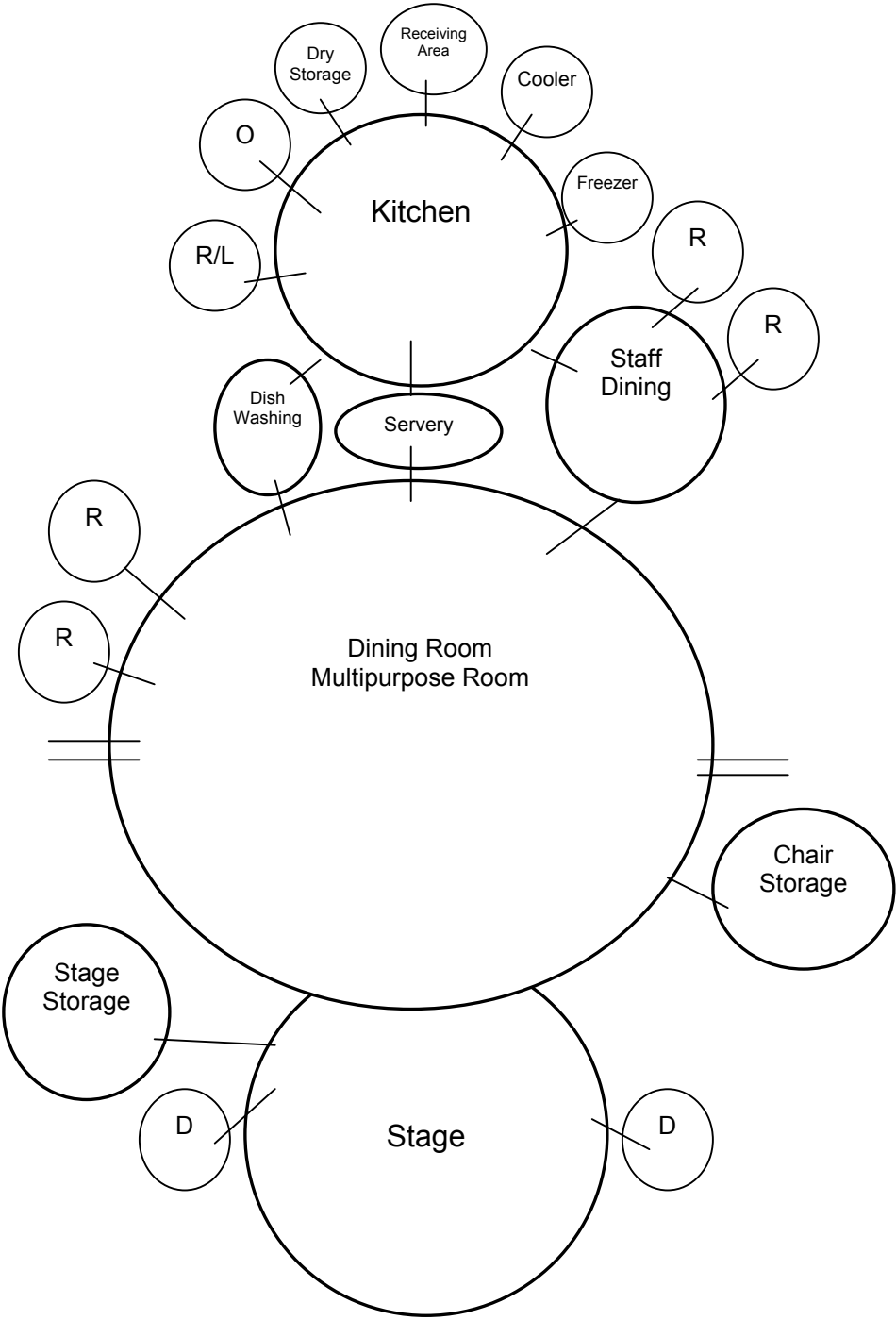
C. Floor - As required to meet District Standards.

- D. **Walls** - As required to meet District Standards.
- E. **Ceiling** - As required to meet District Standards. Provide pipe gridirons and curtains, including drops and panels.
- F. **Lighting** - As required to meet District Standards. Incandescent, ceiling lights, with individual control, shall be provided. Stage lights shall be equipped with dimmer switches. In dressing room stations, lighting shall be individually controlled.
- G. **Windows** - As required to meet District Standards.
- H. **Doors** - As required to meet District Standards. A double door with removable mullion, 8'H, shall be provided for stage access from the exterior.
- I. **Water / Plumbing Fixtures** - As required to meet District Standards.
- J. **Communications** - As required to meet District Standards. Sound panel to house equipment. Provide access to Closed-Circuit TV. ITV broadcast capability from stage and dining room. Provide microphone outlets on stage.
- K. **Electrical** - As required to meet District Standards.
- L. **Instructional Technology** – As required to meet District Standards.
- M. **Gas and Air** - As required to meet District Standards.
- N. **Safety** - As required to meet District Standards.
- O. **Fencing** - As required to meet District Standards.
- P. **Service Drives** - As required to meet District Standards.
- Q. **Parking** - As required to meet District Standards.
- R. **Built-ins**
 - 1. **Dressing Room (per)**
 - a. Provide counter for six students, each with mirror and incandescent lighting.
 - b. Provide lockable wardrobe cabinets (2) for street clothes.
 - 2. **Storage Room**
 - a. Provide adjustable shelving, one wall, floor to ceiling, 12"D.
- S. **Other Considerations**

N/A

SPATIAL RELATIONSHIPS

Food Services, Multipurpose Room & Stage



- R = Restroom
- R/L = Restroom/Lockers
- D = Dressing Room with restroom
- O = Office

HEALTH OCCUPATIONS - CAREER EDUCATION

I. PROGRAM PHILOSOPHY

The health occupations program provides an opportunity for students to secure jobs and provides leadership training experiences in the health field.

II. PROGRAM GOALS

The purpose of this program is to prepare students for employment as health aides, nurse aides, practical nursing and other health related occupations.

III. PROGRAM ACTIVITIES

The following courses will be taught in Health Occupations:

- A. Nurse Assistance
- B. Health Unit Coordinator
- C. Allied Health Assistance
- D. Practical Nursing
- E. Home Health Aide
- F. EKG Aide
- G. Direct Independent Study
- H. OJT (on the job training)

IV. ORGANIZATIONAL NOMENCLATURE

Teacher - Student Ratio 1:20

Grade Levels for Which Program is Intended 9 - 12

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

- A. Clinical learning experiences are required and the student will perform these in a clinical and laboratory setting.

VI. JUSTIFICATION FOR VARIANCE FROM STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (S.R.E.F.)

- A. Create Laundry Area (135 NSF) from one dispensary NSF.

VIII. PROGRAM FACILITIES LIST

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Per Unit	Stu. Sta. Total
	<u>Health Occupations</u>					
1	Health Occupations Laboratory			1,200	20	20
1	Dispensary			135		
1	Laundry area (from dispensary)			135		
2	Material Storage			155		
1	Project Storage			150		
1	Related Classroom			675		
	Total			2,450		20

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Related Classroom/Computer Laboratory

No. of Items	Contractor Provided	District Provided (FF&E)	Description
20		X	Computer work stations with wire management
1		X	Teacher desk and chair
1		X	File cabinet, four-drawer, legal, lateral, lockable
1		X	Table, 30" x 72"
20		X	Chairs, stackable, 17", plastic
1		X	Lectern
1		X	Stool
2	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
2	X		Marker board, 4' x 8', with map rails and flag holder
2	X		Tack Board, 4' x 4'
1	X		6' x 8' Video Format Screen with black masking borders
25		X	Computers
4		X	Printers
1	X		Pencil sharpener with proper backing
1	X		Single sink with HW & CW
1	X		Clock, battery
	X		Built-ins (refer to special considerations)
1	X		TV/Multimedia cabinet (refer to General Considerations)

B. Health Occupations Laboratory

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1	X		Refrigerator
1	X		Microwave
1		X	Hospital bed
1	X		Curtain for privacy, curtain track

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Bedside table
1		X	Overhead table
1		X	File cabinet, four drawer, lockable
1		X	Teacher desk
1		X	Teacher chair
1	X		Overhead/bed light
1		X	Computer & printer
1		X	EKG Equipment
10		X	Stool
1	X		Clock, battery
	X		Built-ins (refer to special considerations)

C. Dispensary

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Drug cart, lockable
1		X	Table
1		X	Chair
1		X	Computer & printer
	X		Built-ins (refer to special considerations)

D. Related Classroom

No. of Items	Contractor Provided	District Provided (FF&E)	Description
20		X	Student desk and chair
1		X	Teacher desk and chair
1		X	File cabinet, four-drawer, legal, lateral, lockable
1		X	Table, 30" x 72"
1		X	Bookcase
1		X	Lectern
1		X	Stool
2	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
2	X		Marker board, 4' x 8', with map rails and flag holder
2	X		Tack Board, 4' x 4'
1	X		6' x 8' Video Format Screen with black masking borders
4		X	Computers
2		X	Printers
1	X		Pencil sharpener with proper backing
1	X		Single sink with HW & CW
1	X		Clock, battery
1	X		TV/Multimedia cabinet (refer to General Considerations)
	X		Built-ins (refer to special considerations)

Consult with SDPBC Program Management (Construction Liaison at-large) for additional Furniture, Fixtures and Equipment.

IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED

Refer to **GENERAL CONSIDERATIONS, GENERAL SECURITY CONSIDERATIONS AND TRAFFIC CONTROL.**

- A. **Heating/Cooling/Ventilation** - As required to meet District Standards.
- B. **Acoustical** - As required to meet District Standards.
- C. **Floor** - As required to meet District Standards.
- D. **Walls** - As required to meet District Standards. Provide ½ wall around nurse's station
- E. **Ceiling** - As required to meet District Standards. Provide ceiling track for privacy curtain around each bed in laboratory.
- F. **Lighting** - As required to meet District Standards. Provide lowlight above each bed.
- G. **Windows** - As required to meet District Standards.
- H. **Doors** - As required to meet District Standards. Provide one double door with removable mullion to allow hospital bed in laboratory.
- I. **Water/Plumbing Fixtures** – As required to meet District Standards. Provide double sink (HW and CW) in laboratories. Provide laundry sink in laundry room. Provide walk-in shower (handicap accessible) in restroom. Provide single sink with goose neck in dispensary.
- J. **Communications** - As required to meet District Standards. Provide telephone jacks in nursing stations.
- K. **Electrical** - As required to meet District Standards. In student work areas, counter space with electric outlets to plug in equipment.
- L. **Instruction Technology** - As required to meet District Standards.
- M. **Gas and Air** - As required to meet District Standards.
- N. **Safety** – As required to meet District Standards.
- O. **Fencing** – As required to meet District Standards.
- P. **Service Drives** – As required to meet District Standards.

Q. **Parking** – As required to meet District Standards.

Q. **Built-ins**

1. **Built-in work/storage** – Do not use composition or pressed fiber board.

a. **Laboratories** – Provide built-in work counter with cabinets underneath, lockable with adjustable shelves along one wall. Counter shall have three drawers, double sink with (HW) and (CW) next to standard refrigerator and microwave.

b. **Related Classroom** – Provide base cabinet with doors, lockable and adjustable shelves, 34"H, and upper cabinets with doors, lockable and adjustable shelves. Provide built-in bookcase, 5'L x 15"D x 40"H with adjustable shelves. Provide computer counter to accommodate four (4) computers and two (2) printers (14'W x 30'D). The counter shall have grommets for wire management. Provide TV/Multimedia cabinet, approximately 48" in height with the TV monitor sitting on top of the cabinet. The TV/Multimedia cabinet shall include lockable doors with adjustable shelving for multimedia equipment. The TV/Multimedia cabinet shall also have grommets for wire management. The TV/Multimedia cabinet shall be located along or near the teaching wall

2. **Built-in work area for ten students in each laboratory -**

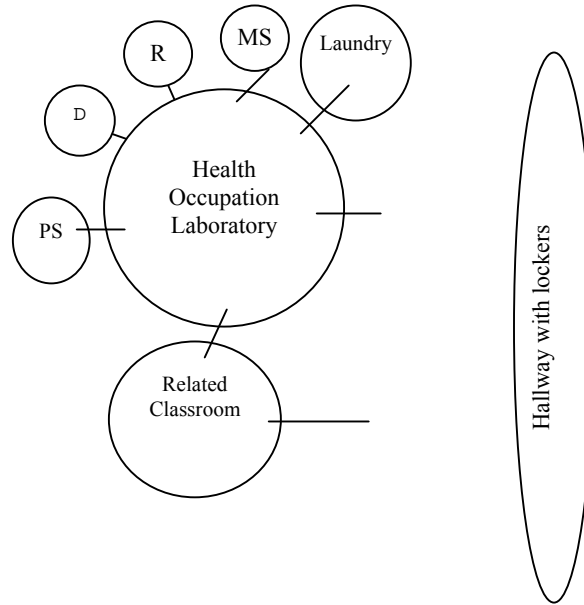
a. Provide counter space with four drawers, lockable with electrical and computer outlets (with grommets for wire management).

S. **Other Considerations** –

1. Provide half wall lockers in size along corridor for health occupations students.

SPATIAL RELATIONSHIPS

Health Occupations



D = Dispensary
MS = Material
Storage
PS = Project
Storage
R = Restroom w/
shower

Facility Space Summary

Village Academy
Addition

Grades: K-12

Total Student Stations: 1,382

Utilization Factor: 90%

FISH Capacity: 1,244

Program Capacity: 975

Core Facilities: 975

Facility Area	Elementary Existing Student Stations	Middle Proposed Student Stations	High Proposed Student Stations	Elementary Existing NASF	Middle Proposed NASF	High Proposed NASF
Administrative/Student Services				4,828		1,621
Art		28		1,576	1,561	
Custodial				955	548	330
Exceptional Student Education	24	12		5,157	3,069	
Food Services				7,471		3,936
General Classrooms		22			900	
Intermediate	308			15,356		
Kindergarten	72			4,652		
Language Arts		44	75		1,800	2,700
Library Media Center				6,638		
Mathematics		44	75		1,800	2,700
Multipurpose Room						2,015
Music		45		1,892	3,500	
Physical Education		60		3,842	7,249	
Primary	198			12,482		
Resource Rooms				3,022	1,140	1,140
Restrooms				1,162	473	630
Science		44	75		2,200	3,100
Skills Development Laboratory	22	22	25	2,928	900	900
Social Studies		44	75		1,800	2,700
Stage/Support				917		1,211
Student Storage					113	150
Teacher Planning				898	400	400
Career Education		48	20		3,735	2,450
Subtotals	624	413	345	73,776	31,187	25,983
Totals - Student Stations	1,382					
Mechanical @ 6%					1,871	1,559
Total Net Sq. Ft.					33,058	27,542
Circulation, Walls etc. @ 32%(middle) & 34%(high)					10,578	9,364
Total Gross Sq. Ft.				91,517	43,636	36,906