

## **STAFF DEVELOPMENT INSERVICE COMPONENT INFORMATION**

**COMPONENT TITLE:** 21<sup>st</sup> Century Classroom – Sound Field Enhancement

**IDENTIFIER NUMBER:** 3003031

**MAXIMUM POINTS:** 15

### **GENERAL OBJECTIVE:**

This program of instruction will aid teachers in the usage of sound field enhancement as part of the classroom curriculum.

### **SPECIFIC OBJECTIVES:**

Within the duration of the component, participants will:

1. Demonstrate basic functions of the amplifier such as turning it on and off; adjusting the master volume to an appropriate level for instruction; and adjusting the volume level for each individual connected device to an appropriate level for instruction.
2. Demonstrate the appropriate use of the microphones by identifying the correct positioning of the teacher microphone when worn on a lanyard; connecting devices to the handheld microphone (only on models which have a plug and jack system built into the microphone), and recharging the microphone's battery.
3. Demonstrate the use of the sound field enhancement system to amplify the audio signal of various audio/visual devices such as a computer, a DVD player, a VCR, a laserdisc player, a Blue-Ray Disc player, an MP3 player, a digital audio player, a cassette player, a listening station, or other audio/video device.

### **DELIVERY PROCEDURES:**

Participants will complete the following:

1. Online training
2. Workshops
3. Vendor training
4. Manufacturer's manual
5. Hands-on experience

### **EVALUATION OF PARTICIPANTS:**

1. The participants will be expected to take a post-test to measure the skills and knowledge acquired in the learning activities of the program.
2. Participants will need to demonstrate 80% competence in order to be eligible for successful completion of the inservice training component.

3. Participants will be evaluated based on the evidence provided as follow up for each objective.

#### **FOLLOW-UP ACTIVITIES:**

Participants will demonstrate implementation of the technology skills by documenting the effective use of sound field enhancement in relation to classroom management and student learning.

#### **COMPONENT EVALUATION:**

Periodically, participants and instructors will assess the degree to which the professional development procedures addressed the specific objectives of the component, and will make recommendations for revisions on the submitted Component Evaluation.