Unit 05: Audio - Sounds Good to Me

Content Area: **Technology**
Course(s): **Television Production 1**
Time Period: **December**
Length: **11 blocks**
Status: **Published**

Enduring Understandings

The correct microphone to use is based on the specific shooting scenario.

Sound helps establish a scene.

Control ambient noise being captured with audio.

When audio levels are set improperly it can make the post production process more difficult.

Essential Questions

Why does audio affect a visual story?

How does good audio communicate an idea or point of view to an audience?

Why does the environment affect the microphone you choose?

Content

Vocabulary: Ambient Noise, Voiceover, Microphones, Transducers, Decibels, Over Modulation, Pick up Pattern, Signal Generation, Lavaliere, Boom, Shotgun Microphone, Handheld, XLR Cable, Phone Plug, RCA Cable, Mini Plug, Cardiod, Omni Directional, Bi Directional, Dynamic, Condenser, Ribbon, Phantom Power.

Skills

Apply knowledge of directional properties and pick up patterns of microphones when describing the uses for each type.

Label and classify the three types of microphones used in class.

Name and identify cables used in class.

Connect external audio to the camera and evaluate audio levels to insure they are properly set.

Evaluate shooting scenarios and choose a microphone based on a location.

Resources

Prezi on audio, including a video clip from YouTube "Creativity to spare" Episode 13 Bad audio.

How To Videos: https://www.youtube.com/watch?v=dg8NJlet9EA

Standards

9.3.12.AR.1	Analyze the interdependence of the technical and artistic elements of various careers within the Arts, A/V Technology & Communications Career Cluster.
9.3.12.AR.3	Analyze the lifestyle implications and physical demands required in the arts, audio/visual technology and communications workplace.
9.3.12.AR.5	Describe the career opportunities and means to achieve those opportunities in each of the Arts, A/V Technology & Communications Career Pathways.
9.3.12.AR.6	Evaluate technological advancements and tools that are essential to occupations within the Arts, A/V Technology & Communications Career Cluster.
9.3.12.AR-AV.1	Describe the history, terminology, occupations and value of audio, video and film technology.
9.3.12.AR-AV.2	Demonstrate the use of basic tools and equipment used in audio, video and film production.
9.3.12.AR-AV.3	Demonstrate technical support skills for audio, video and/or film productions.
9.3.12.AR-AV.4	Design an audio, video and/or film production.