

Audio Integration

Below is a list of possible ways teachers and students can utilize audio recording as part of a lesson plan.

Audio Theater

Definition: Students write a script which then is recorded as an audio play. The audio play can include music and sound effects to enhance the story.

Example: Students record a drama about the effects alcoholism has on a high school student and his family and friends.

Audio Tour

Definition: Teacher or students create an audio file which gives the listener an explanation of a location they are visiting or a photograph they are currently viewing.

Example: Students studying urban architecture record their impressions of the various styles they see on their field trip to New York City. Their recordings should reflect their content knowledge and their personal preferences for a particular style of architecture.

Audio Tutorial

Definition: Teacher records an audio file that contains a series of instructions, with commentary, which students must follow in sequence. These audio instructions might lead students to specific text, photographs or video. The text and photographs could be in the students' textbook, classroom supplemental material, or on the web. Video could be on television, in DVDs, or the web.

Example: Teacher records a brief overview of propulsion. Next, students are instructed to read Chapter 2: Propulsion in their textbook, keeping in mind the concepts covered in the brief overview. Third, students are instructed to go to the diagram on page 76 in their textbook where they get a more detailed audio explanation of what is contained in the diagram. Finally, students are instructed to write a one paragraph essay about an event they have witnessed which demonstrates one of the concepts related to propulsion which was covered in the previous steps.

Fictional Interview

Definition: Students record a conversation which is based on a script of questions and answers from a fictional interview of a famous or infamous person.

Example: Students record what an interview of Elliot Ness on October 17, 1931 might have sounded like.



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Follow Me

Definition: Teacher provides step-by-step audio directions which students must follow to create an end product.

Example: Teacher plays a fictional voice mail message left by a potential customer looking for an estimate on a website for their new restaurant. The voice mail details the content they want on the site, their e-commerce requirements, multimedia requirements, proposed completion date, and range of money they have to spend. Student must create a mock web site and a proposed cost for constructing the web site.

Non-fictional Interview

Definition: Students record an interview of a person or series of people. Student then record and insert an introduction and conclusion which shows a reflective analysis to the responses to their survey questions.

Example: Students create appropriate questions, and then record the opinions of individuals on the construction of a new shopping center. Then students give a brief summary of what they found interesting about the answers to their questions.

Oral Report

Definition: Students record an audio presentation in lieu of standing in front of the class and giving a speech. Teacher gives the students a minimum and maximum number of minutes for the presentation.

Example: Students record a two minute presentation on what they consider to be the most important events that spawned the information revolution.

Prepared Fictional Role-Playing

Definition: Students write a script which then is recorded as conversation which could have taken place.

Example: Students record a conversation between an auto mechanic and a customer about transmission problems the client's car is having.

Radio Commercial

Definition: Students records a commercial which could have been played on the radio in the past or the present. The commercial should be of a specific length. The commercial might contain music and sound effects.

Example: Students create a commercial for a non-profit organization which explains the organization's mission, donation process and contact information.

Recorded Presentation



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Definition: Teacher records their classroom lecture or a presentation by a guest speaker for playback at a later time.

Example: Teacher records their lecture on food handling safety, and then uses the audio as voice over for a PowerPoint presentation. Students who were absent from class or students that want to review can listen to it later.

Review Quiz

Definition: Teacher or students create a series of review questions and answers with a pause between the questions and the answers.

Example: Teacher for a health science course asks a series of questions about heart disease with a 25 second pause between each question and the correct answer.

Sound Effect Interpretation

Definition: Teacher creates a sound effect which student then must identify.

Example: Teacher records various sounds which reflect typical automobile problems. As part of the audio file, the teacher records an identifying number before and after the sound effect is played. After listening to the sound effect, students must diagnosis the source of the sound effect. Students then record on a sheet of paper the sound effects identity number, what they believe the cause of the sound effect is, and explain why they reached that conclusion.

Teacher Questions with Student Answers

Definition: Teacher records a series of questions which students must answer in the same audio file. Students record their answers on a separate audio track. Students then edit both the teacher's and student's audio tracks so it appears as if they were in the same location at the same time.

Example: Teacher asks a series of questions related to the business plan students are developing for a fictional company. Student answers should reflect the mood (serious, enthusiastic, humorous ...) they wish convey.



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Unscripted Conversation

Definition: Two or more students record an audio conversation based on a common topic. Student could play the role of themselves or the role of a fictional or non-fictional person. None of the students arrive at the conversation with a script of any kind.

Example: Teacher gives the first group of students background information on a new internet startup company they will represent. This information contains what the site will do, who their target audience is, current financial backing, their business plan and the key employee's backgrounds. The teacher then gives a group of students background information about a venture capitalist firm they will represent. This information includes current ventures they have invested in, the maximum amount money they have to invest, and how much control they want over the operations of their investment. The two groups of students meet and record an unscripted conversation about the business plan, current employees, how much investment, and how much control each party will have in the internet startup company.

Vocabulary

Definition: Teacher or students create a brief definition of a word or phrase. The word is spelled slowly and used in a sentence to give it context.

Example: Teacher has each student record the definition for one word from a group of words related to Ohm's law. The teacher then gathers all the student recordings into one location so students can share their vocabulary words.

Voice-over for Visuals

Definition: Student is given a photograph or short video which they must then record a voice-over for. The voice-over should reflect their knowledge of the content and concepts being studied in the curriculum.

Example: Teacher records a one minute video, without audio, showing a fictional staged crime scene. Students record a voice-over pointing out the important clues at the crime scene and speculate about what took place there.

