Unit 01: Safety On and Off Stage

Content Area: **Music**
Course(s):
Time Period: **Marking Period 1**
Length: **3 Weeks**
Status: **Published**

Brief Summary of Unit

Students will develop an understanding of stage safety and proper safety etiquette when working on and off stage. Students will learn and develop a respect for power and hand tools through demonstrations and use and show a responsibility to themselves and others when using tools.

Standards

- ELD standards:https://docs.google.com/document/d/1wdmsiGOdCHlrjU-WPvAtENnEgi0EStZXo0uiFYv1Nu4/edit
- 1.4.12prof.Cr1b: Explore the impact of technology on design choices in devised or scripted theatre work.
- 1.4.12acc.Cr1b: Understand and apply technology to design choices for devised or scripted theatre work.
- 1.4.12adv.Cr1b: Create a complete design for devised or scripted theatre work that incorporates multiple elements of technology.
- 1.4.12prof.Cr3c: Explore technical design choices that support the story and emotional impact of a scripted or devised theatre work.
- 1.4.12acc.Cr3c: Re-imagine technical design choices during the course of the rehearsal process to enhance the story and emotional impact of a devised or scripted theatre work.
- 1.4.12adv.Cr3c: Originate and construct technical design choices that support the story and emotional impact of a devised or scripted theatre work.
- 1.4.12prof.Pr4b: Use technical elements to increase the impact of design for a theatre production.
- 1.4.12acc.Pr4b: Apply theatrical elements and research to create a design that communicates the concept of a theatre production.
- 1.4.12adv.Pr4b: Create and justify the selection of technical elements used to develop and build a design that communicates the concept of a drama/theatre production.

Transfer

Essential Questions

- What tools are used to build a set?
- How do you use hand and power tools safely?
- How do you develop a method of good safety habits?
- What type of safety equipment do you use when using tools?
- How do you maintain your electrical cables used for power tools?
- How do you keep a working environment safe?

Essential Understandings

- What tools are used to build a set?
- How do you use hand and power tools safely?
- How do you develop a method of good safety habits?
- What type of safety equipment do you use when using tools?
- How do you maintain your electrical cables used for power tools?
- How do you keep a working environment safe?

Students Will Know

- Students will know how to develop good safety habits by following established rules and techniques.
- Students will know what each tool is used for and how to use them.
- Students will know the correct safety equipment to use in each situation and be skilled at using them.
- Students will know the differences between types of fire extinguishers and be skilled at using them.
- Students will know how to make a working environment safe.
- Students will know why it is necessary to secure loose hair or clothing.
- Students will know not to use a tool if they are unfamiliar with it.

Students Will Be Skilled At

- Students will be skilled at tool and cable maintenance.
- Students will be skilled at working with and utilizing others to help maintain safety.
- Students will be skilled at using a ladder properly.
- Students will be skilled at keeping the work area clean and organized.
- Students will be skilled at handling of dangerous or hot instruments or tools.
- Students will be skilled at using a first aid kit.

Evidence/Performance Tasks

- Students will demonstrate how to work with the following tools safely: hammers, saws, crowbars, screwdrivers, utility knives, hand tools, tape measures, squares, chalk lines, bevel sets, compass, power drills, power saws, chop saws, jig saws, circular saws, staplers, files, snips, clamps, bits, wrenches, wire cutters, sanders, fire extinguishers, and more through performance assessments.
- Students will demonstrate how to use all personal protective equipment (PPE) through performance assessments.
- Students will demonstrate how to clean, maintain, and fix tools and cabling during performance assessments.

Learning Plan

- Identify and demonstrate how different types of hand and power tools are used in the construction of stage scenery.
- Discuss a new tool every day and demonstrate how it works and have each student use them with safety in mind.
- Have students choose a tool of their choice, research the tool and write a report on it.
- Perform an inspection of the theater to point our safety problems or concerns, discuss, make a list, and remedy the problems.
- Have each student research and post a list of theatrical safety rules throughout the backstage area of the theater.

- Inspect all storage areas and have students brainstorm and create a better way of storage that is safe for everyone to utilize.
- Practice proper maintenance and coiling of electrical cables.
- Provide a list of stage terms and have students research to determine their history, meaning, and how they should be used on stage.

Materials

- Various Hand and Power Tools
- Fire Extinguishers
- First Aid Kits

Suggested Strategies for Modifications

Technical Theatre Accommodations