

Standards-Based Lesson Template

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Teacher:	Sarah Carpenter
Class:	Concert Band (grade 7-8)
Lesson/Unit Title:	Brass Instrument Care and Maintenance
Abstract/summary of lesson:	<p>In this unit, students will learn how to properly care for their instruments. Through lecture and demonstration, they will be shown the necessary steps to maintain a brass instrument and learn some of the common problems that can occur. They will also learn about the skills and training needed to have a career in instrument repair. The lesson will last for two to three weeks with periodic reviews throughout the year.</p>
Students will know...	<p>Students will know:</p> <ol style="list-style-type: none">1. Correct instrument assembly2. Proper instrument maintenance using appropriate materials and supplies3. How to identify problems4. When to ask for help5. What skills and training are involved in repairing instruments
Students will be able...	<p>Students will be able to:</p> <ol style="list-style-type: none">1. Correctly assemble instruments independently2. Clean and maintain instruments using supplied materials.3. Identify whether or not the instrument is producing the correct sound4. Identify careers that involve instrument repair
Standards/Skills addressed	<p>Students must have an instrument in good working condition in order to actively participate in the class.</p> <p>Standard 2.3: Perform on an instrument a repertoire of instrumental literature representing various genres, styles, and cultures with expression, technical accuracy, tone quality, and articulation, by oneself and in ensembles.</p> <p>Standard 5.2: Identify career pathways in music.</p>
Performance tasks/projects:	<p>Students will perform on instruments throughout the school year as a direct result of their ability to maintain them. They will perform routine maintenance that will be monitored by me. After receiving additional training, select students will assist me in inspecting, cleaning, and preparing instruments for future use.</p>
Test and quiz questions or essay prompts:	<ol style="list-style-type: none">1. List the steps that must be taken to ensure that your instrument is well-maintained.2. What supplies should you have in your case in order to effectively care for your instrument?3. What should you do if something appears to be wrong with your instrument?4. What skills are needed to work in the field of instrument

repair?

Other evidence to be used (e.g., observations, evaluation of work samples, discussion):

1. Regular in-class observation by instructor
2. Periodic inspection of instrument by instructor
3. Brass cleaning checklist- to be signed by parent/guardian

Student self-assessments:

Students will regularly inspect and perform on their instruments to ensure proper care guidelines are being followed.

Objectives

Students will be able to:

1. Correctly assemble instruments independently
2. Clean and maintain instruments using supplied materials.
3. Identify whether or not the instrument is producing the correct sound
4. Identify careers that involve instrument repair

Motivation:

To begin the unit, I will perform and/or play audio samples of brass instruments. I will use school instruments that are in disrepair to demonstrate what can happen if they are not cared for. I will ask experienced student volunteers to attempt to play the damaged instruments and compare the experience to that of playing their own instrument. Students will also list skills they believe are needed to work in the field of instrument repair.

Presentation:

This lesson will be presented to students who have had one to three years of playing experience. A brief review of vocabulary and parts of the instrument will be given if needed. I will use a combination of lecture, demonstration, and audio/video to present the lesson.

Application/Activities:

After I demonstrate proper maintenance, students will work in pairs to perform maintenance on their own instruments with guidance from me. This includes but is not limited to oiling valves and rotors, greasing tuning slides, and greasing trombone slides. After viewing a video, the students will also complete a thorough cleaning at home using the provided checklist.

Materials needed:

Brass instruments, valve oil, slide oil, rotor oil, slide grease, slide cream, snake, slide cleaning rod, mouthpiece brush, valve casing brush, soft cloth

Assessment/Evaluation:

1. In-class performance
2. Routine announced and unannounced inspections
3. Brass cleaning checklist to be signed by parent/guardian
4. Reflection on careers in instrument repair

Closure/Reflection:

To close the initial lesson, students will review the steps they must follow using choral response. At the end of the unit, students will be asked to clean their instrument at home using the checklist. Possible follow up activities could include a presentation by a repair technician or extra practice on damaged instruments.