

# SOUND PROJECT GRADE SHEET

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Name of Instrument: \_\_\_\_\_

Musical Section that instrument fits in: \_\_\_\_\_

Do you have your instrument? \_\_\_\_\_

Do you have your paper? \_\_\_\_\_

(Attach paper and guide lines NOW! This will prevent anything getting lost.)

## **Directions:**

1. Fold this paper in half hamburger style.
2. Glue this side in your spiral.

## RUBRIC

Creativity	/10
Neatness	/10
Performance	/25
Presentation	/25
Paper	/30

## THE SOUND OF MUSIC

All sounds are created by something vibrating, and the sound from musical instruments is no exception. But the sound of music has a very special quality that makes it different from plain noise. The vibrations of air in a flute occur at regular intervals, while those from a car engine do not. It is the regularity of the vibrations that distinguishes music from noise. Musical instruments produce these regular vibrations many different ways. String instruments, for instance, have taut strings that vibrate to and fro when plucked or bowed. In wind instruments, the vibrations are created when the player blows air across a hole or a reed or into a specially shaped mouthpiece (Hann 112).

Instead of a test on this unit, we are going to have a project. Your project is due WEDNESDAY, MAY 18, 2011. What you need to do is MAKE a musical instrument. Your instrument can be a member of the string, wind, percussion, or brass section. Your instrument is graded on several areas.

CREATIVITY is part of your grade. I want you to think of what types of materials and resources you can use to make an instrument. If you use a kit your creativity points will be low.

NEATNESS is also included in your grade. If you are planning on using paper maché or plaster you will need to start tonight so your project will be dry by Wednesday. Projects brought in dripping paint or needing tape will hurt your neatness grade. Take pride in your project. Remember this is a test grade.

PERFORMANCE is a major part of your grade. Your musical instrument needs to be able to produce music not noise. You should be able to create different frequencies. Your instrument needs to produce sound. You will share this with your classmates. If you can play a short song that would be great, but NOT required. We do need to hear at least two different musical sounds.

PRESENTATION counts as a part of your grade. You will need to be able to stand in front of the class and share your instrument with us. You will need to tell the class how you made your instrument and what section your instrument would fit in (string, wind, percussion). You will also need to demonstrate the sounds your instrument makes and create different frequencies or pitches.

A PAPER needs to be included. You need answer the following questions in your paper. Answer in complete sentences and include your name at the top of the page. Use your best handwriting or type the paper. Each answer is worth five points. Up to two points can be deducted from each sentence for grammar and punctuation problems.

Answer these questions in complete sentences.

1. What is the name of your instrument.
2. What materials did you use to make your instrument.
3. Define music.
4. What musical group does your instrument fit in and why. (pages 50-51)
5. How is pitch controlled for your musical instrument?
6. How do overtones affect the sound quality of a musical instrument?

Good luck and have fun!! If you need any help or have questions PLEASE ask me, but do NOT wait to the last minute.

### GRADING SCALE

CREATIVITY	10%
NEATNESS	10%
PERFORMANCE	25%
PRESENTATION	25%
PAPER	30%

LATE PROJECTS (this includes everything--the instrument, the paper, and the guidelines) are 10 points off.

HINTS: A spoon hitting the table would not be acceptable for this project. If you make a percussion instrument, consider having more than one drum or bell so you can show different pitches.