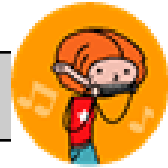


# Unit 7: Sound



## Research Project

In this small research project, you and your partner will choose something in which sound waves are a main component. You will research this topic and then present it to the class. You are allowed to choose whatever topic you would like (find something interesting); however, it has to be agreed upon by me before you proceed with the project. Each pair (2) of students will make a **2 minute presentation** in front of the class.

Possible research topics include: Musical Instruments, Technology, Animals, Human Voice and Hearing, etc. Choose something that interests you!!! =)

You will get **3** class periods for research, 1 class period for the presentations. Each presentation needs to be: **2 minutes long; have at least 6 slides; have 3 small pictures and/or video clips; and have proper citations on a Bibliography or Works Cited Slide at the end of your presentation!**

You need to answer these three questions pertaining to your topic:

1. **Physically how is the sound produced?** This may be the physiology of the animal, the physical construction of a musical instrument, etc.
2. **What are the physical characteristics of the sound?** This may be the frequency range of the sounds produced or anything that makes that sound distinctive and unique.
3. **What is the purpose/meaning of the different sounds?** This may be the different ways an animal communicates (for example, why do dogs have different barks and what does each bark mean/communicate to other animals.)

You will be evaluated on the following criteria:

1. Did the project adequately address the three questions?
2. Did the project teach us something that we did not know prior to the presentation?
3. Did your project meet the requirements of 6 slides and 3 small pictures and/or video clips, properly cited?

This project is due on **Thursday, January 30<sup>th</sup>**. This is a **95 point** project that will be entered into the grade book as a **test!!!**