# INDEPENDENT JOURNAL ENTRY ON THE PHYSICS OF MUSIC!

***INSTRUCTIONS**: Follow the instructions below carefully and completely!*

1. Think of a musical instrument that you are interested in learning about the physics behind.

2. Write an entry in your journal beginning with a heading including a *TITLE* and the *DATE*. Example:

   "*How Vibrations in the Reed Produce Standing Waves in Bass Clarinets."*

   May 11, 2018

3. Your entry must include a discussion that pertains to our current unit (sound waves, standing waves, vibrations, etc). Include thoughtful details and display your writing skills.

4. Do a little bit of research on your topic. *Be sure to cite your references fully; both in text and in a bibliography!*

5. Include AT LEAST 1 diagram that helps explain how the physics of waves and sound applies to your instrument!

**Your entry is due on _____**

***START TO FINISH: ABOUT 1 HOUR OF YOUR TIME. ONE FULL PAGE MINIMUM, NOT INCLUDING WORKS CITED OR DIAGRAM.***

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