

Distance Learning Plan- April 27th-May 1st  
6th grade Science  
Due: Friday, May 1st at 10pm

**Office Hours-** I will be available electronically 8-10am and 1-3pm checking email and google classroom- all inquiries will be responded to by 3pm each day Mon- Friday. Inquiries made after 3pm will be responded to the following day.

**To turn in the document, you will find the assignment posted in Google Classroom under the Classwork tab. Please upload your document to submit the assignment. See this video on how to submit in Google Classroom: <https://youtu.be/FhgVOrjGEsA>**

Don't forget to log your attendance each day with Ms. Holcombe-- Have you not done it? You can use the link here:  
<https://forms.gle/FbKQCqUrEAv3Zv7AA>

**Topic 1-** Waves and Music Exploration Lab Overview

**Resource-**

[Video Overview of Lab](https://youtu.be/wEBgQhyonDA) (<https://youtu.be/wEBgQhyonDA>)

**Task-**

Watch the video provided above to walk through the lab assigned from last week. After watching the video, answer the following questions:

1. What type of wave is a sound wave? Do the particles move perpendicular or parallel to the wave propagation?
2. Do most sounds we hear consist of one or multiple frequencies?
3. What happens to the sound of a guitar string when it gets shorter?

**Topic 2-** Wave Behaviors

**Resource-**

[Video Lecture- Slides 49-63](https://youtu.be/l4OuhkYDtIU) (<https://youtu.be/l4OuhkYDtIU>)  
[Slides \(49-63\)](#)  
[Wave Behavior WS](#)  
[Guided Notes \(optional\)](#)

**Task-**

First, watch the video above. If you want to fill in the guided notes like usual, you can find them attached above, but they are optional. Once you have watched the video, complete the “Transverse Waves HW” assignment to test your knowledge about what you have learned in the video. You can print the document and submit photos or type the answers into a Google Doc.

**Topic 3-** Behavior of Waves Gateway

**Resource-**

[Wave Behavior Gateway](#)

**Task-**

Complete the short assessment to see how you are doing with waves thus far.