Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour \_\_\_\_\_\_

**Sound Vibration Station 6: Pitch and Frequency**

**Part 1:** You will need a dictionary.

Complete the following vocabulary table.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Word | Definition | Restate | Write the word in a sentence | Labeled, colored picture |
| Vibration |  |  |  |  |
| Sound wave |  |  |  |  |
| Amplitude |  |  |  |  |
| Wavelength |  |  |  |  |
| Crest |  |  |  |  |
| Trough |  |  |  |  |
| Frequency (relation to sound) |  |  |  |  |
| pitch |  |  |  |  |
| Medium (in relation to sound) |  |  |  |  |
| Digital signal |  |  |  |  |
| Analog signal |  |  |  |  |

**Part 2:** Raise your hand and wait patiently for Ms. Murphy. Show her your completed vocabulary table.

X\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Get your assigned Chromebook after you have received Ms. Murphy’s signature of approval.

2. Go to <http://studyjams.scholastic.com/studyjams/jams/science/human-body/hearing.htm> (found on the blog)

3. Watch the video.

4. Complete the quiz

5. Record your score here