

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Class: \_\_\_\_\_

## Sound Worksheet

1. What were your observations when you generated sounds with 50, 100, 200, 500, 800, 1000, 10000 Hz frequencies and played them?
2. How do “tone” and “noise” differ in their waveforms and how they sound?
3. Tap in/on the desk below the computer and see what sound is captured by the microphone.  
*What do you observe?*
4. Try singing the solfege notes (do-re-mi-sol-la-ti) one at a time, for 5 seconds each.  
*What do you observe?*
5. Try speaking the same word (such as “hello”) in three different tones (whisper, normal and loud).  
What are the main differences between the waveforms?