

Name: _____ Date: _____ Class: _____

Sound Sensor Pre/Post Quiz **Answer Key**

1. How do humans sense sound? What is the sound sensor in the human body?

We have two ears that enable us to hear sounds.

2. Provide an example “stimulus-sensor-coordinator-effector-response” framework using the human ear.

Example: sound waves from thunder > human ear > human brain > leg muscles > run for shelter

3. Give examples of sensors in engineering systems that are similar to the human sound sensor.

Examples: LEGO sound sensor; microphones in phones, computers, karaoke machines, etc.