

Name _____

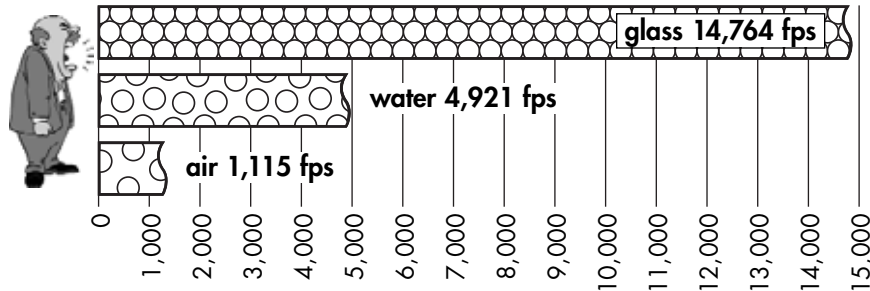
INSTRUCTIONS: Use chapters 3, 4, 5, and 6 of *How Sound Works* to complete the chart below. Write the main idea for each chapter in the left-hand boxes. List up to three details that support each main idea in the right-hand boxes.

How Sound Works	
Chapter 3	Details 1. 2. 3.
Chapter 4	Details 1. 2. 3.
Chapter 5	Details 1. 2. 3.
Chapter 6	Details 1. 2. 3.

Name _____

INSTRUCTIONS: Use the graph on page 8 of *How Sound Works* to answer the questions below.

Title: _____



unit of measurement: _____

1. Write the title of the graph on the appropriate line above.
2. Write the unit of measurement on the appropriate line above.
3. How many feet per second do sound waves travel through water? _____
4. Through what solid do sound waves travel the fastest? _____
5. How many feet per second do sound waves travel through air? _____
6. What do the numbers at the bottom of the chart represent? _____
7. How many feet per second do sound waves travel through glass? _____
8. Why doesn't the bar for water stop directly on the 5,000 fps line? _____
9. What does the man at the left of the graph represent? _____

Name _____

INSTRUCTIONS: Circle the conjunctions in the sentences below.

1. Sound travels quickly in cold air because the particles are closer together.
2. They say, "Danger is near" or "I'd like to get to know you."
3. People laugh and cry.
4. You may hear the waterfall but not see it.
5. They make dripping, whistling, or trickling noises.
6. Ultrasound waves reflect off the baby and return at a different frequency.
7. Echolocation occurs when the sound waves are reflected back.
8. We hear because the ear transfers sound waves to the brain.
9. Fishers use sound waves so they are able to find fish.
10. The tree fell, yet no one heard it.