

Nova's Sound Experiment Record

Learning objective: To identify how sounds are made and how they travel through different materials.

Nova the Owl is exploring how sounds work! Follow these steps to record your own sound experiment. Use the word bank to help you write your sentences.

Word bank: vibrate · sound · travel · ear · energy · volume · pitch

1. What is the source of your sound? (e.g., a drum, a ruler, or a bell) (2 marks)

2. What happens to the object when it makes a sound? Hint: Think about how it moves. (2 marks)

3. How does the sound travel to your ear? You can start your sentence with: The sound travels through... (2 marks)

4. What happens to the sound if you move further away from it? (2 marks)

Extension challenge: Try to make a very quiet sound and a very loud sound. Write down which one made the object vibrate more.