

Nova's Sound Investigation

Learning objective: To describe how sounds are made and how they travel.

Read the sentence below. Use the prompts to help you write your own science report about sound. Use the word bank to help you.

Nova the owl wants to know how sound is made when we play instruments.

Word bank: vibrate · sound waves · ear · travel · loud · quiet · faster · energy

1. How do sounds start? Start your sentence with: Sounds are made when an object begins to... (2 marks)

2. How does sound move? Start your sentence with: Sound travels through the air in... (2 marks)

3. How do we hear sound? Start your sentence with: The sound waves reach my... (2 marks)

4. What happens when a sound is loud? Start your sentence with: A loud sound has more... (2 marks)

Extension challenge: Can you draw a diagram showing how sound travels from a drum to an ear?