

Nova's Sound Investigation

Learning objective: Identify how sounds are made, associating some of them with something vibrating.

Nova the owl is learning about sound. Help her complete the sentences by choosing the correct word from the word bank. Each sentence explains how we hear sounds. Write your answer in the space provided.

Word bank: vibrate · sound · ears · travel · energy

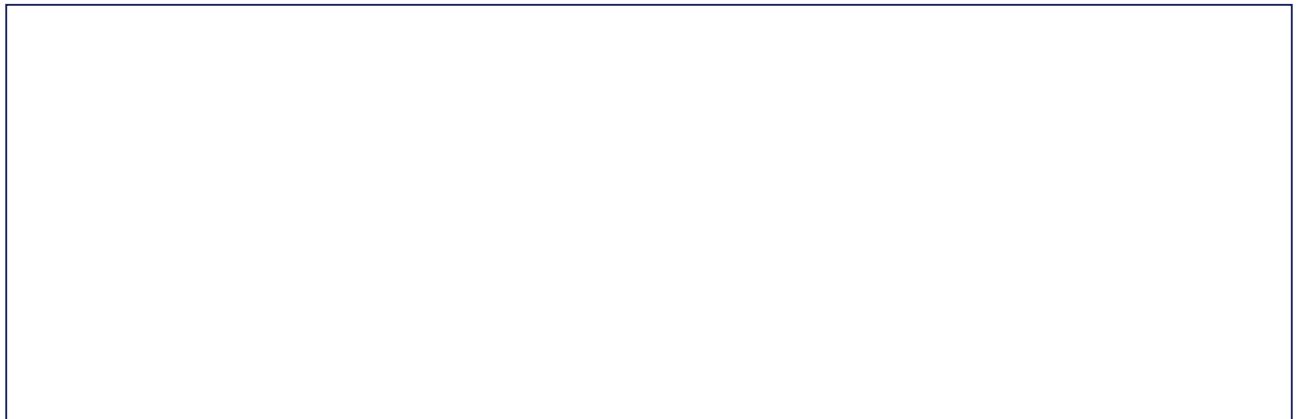
1. 1. When an object makes a noise, it moves back and forth very quickly. This is called a _____. (Hint: It starts with v) (2 marks)

2. 2. Sound moves through the air as invisible waves. We say that sound waves _____ from the source to us. (2 marks)

3. 3. We use our _____ to listen to the vibrations in the air. (2 marks)

4. 4. A loud drum makes a big noise because it has a lot of _____. (Hint: It starts with e) (2 marks)

Draw: Draw a picture of a guitar string moving back and forth. Draw little fuzzy lines around the string to show it is moving quickly.



Extension challenge: Find three objects in your classroom. Tap them gently. Can you feel them shaking? Write down the name of one object that felt like it was vibrating.