

Parent Guide

How can I use this with my children?

Explore sound waves with a quick experiment with spoons and some string.

How does this help my children's learning?

Experience how sound waves travel through solid objects as vibrations.

Ideas for further learning:

Why not make a range of instruments using household equipment to find out the different sounds they make?

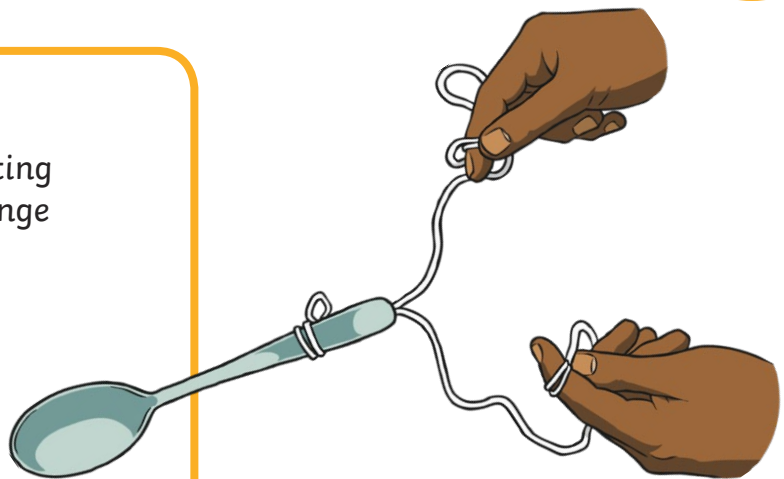


Sound Wave Spoons



You will need:

- a length of wool or string – try cutting a piece about 1 metre long and change the length to get different sounds
- serving spoon
- teaspoon
- wooden ruler or chop stick



Instructions

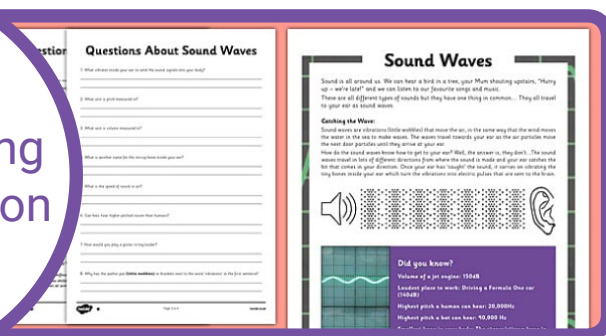
1. Create a loop in the middle of the string and tie it to the handle of the spoon.
2. Pull tightly so the spoon is secure and you have two even lengths of string.
3. Wrap the string ends around your index fingers, one end on each finger.
4. Hold the string ends against your ears – not in the ear, just outside.
5. Let the spoon hang just below your waist.
6. Ask someone to gently tap the round part of the spoon with the ruler.

What happens if you change...

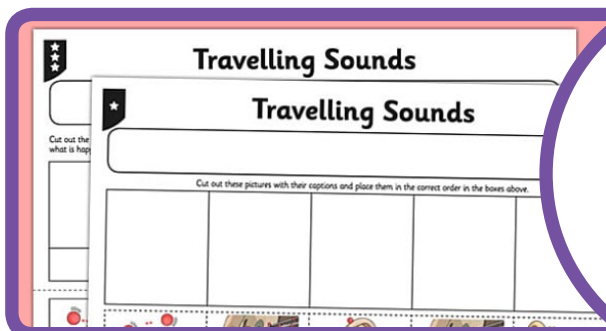
- the length of the string?
- the size of the spoon?
- the wooden ruler to a plastic one?
- the spoon for a fork?

If you enjoyed this resource, why not try...

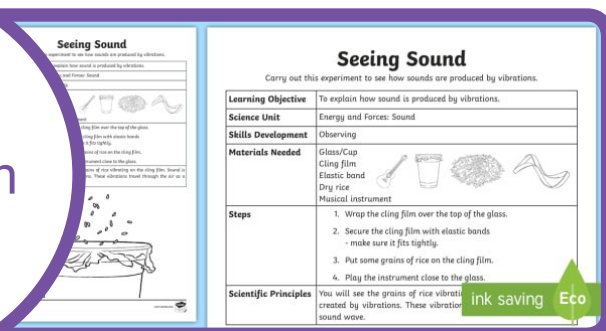
Sound Waves Reading Comprehension Activity



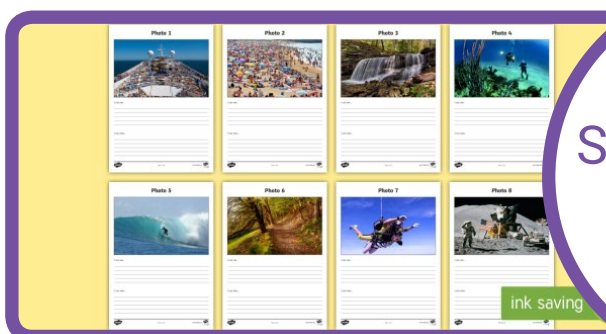
Travelling Sounds Worksheet



Seeing Sound with Rice



Sight and Sound Writing Prompts Worksheet



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