

Science Plan

W/B: 18/01/21

What is sound?

Keywords:

Vibrations

Wave

Particles

Ear

Ear drum

Where do sounds come from?

In your home learning books, start off by writing a list of different things that make sounds. How many can you think of?

Watch the YouTube video to find out how sound is made and how we can hear sounds.

<https://youtu.be/3-xKZKxXuu0>

Experiment

Grab a ruler and place it so part of the ruler is laying over the edge of the table. Hold one end firmly so it is pressed down on the table. Next press down on the end of the ruler that is over the edge and let go.

What happens to the ruler?

Did the ruler move up and down in a quick motion? (This is called vibration.)

Did the ruler vibrate?

Could you hear a sound coming from the ruler?

Repeat the experiment again making the gap over the edge of the table bigger and smaller.

What happened to the vibrations?

What happened to the sound?

In your home learning books, can you write down what you did and what you found out? Try to use some keywords you have learnt today.

Finish off by completing the worksheet named How Do We Hear.

If you want to find out more you can watch a video on Oak Academy called 'What is Sound?'

<https://classroom.thenational.academy/lessons/what-is-sound-74w30c>