

Light and sound are produced by a range of sources and can be sensed (ACSSU020)

Word Wall Vocabulary

science	source	natural	see
scientist	fair test	bright	hear
loud	light	dull	reflect
soft	artificial	torch	travel

Definitions

science- a system of studying, testing, and experimenting on things in nature. Science is a search for general laws about how the world works.

scientist- a person who works in some branch of science.

loud- having a large amount of sound; easily heard.

E.g. The dish made a loud crash when it fell to the floor.

soft- quiet or low in tone.

E.g. There was soft music playing as we ate dinner.

source- the start or cause of something.

fair test- A fair test is a controlled investigation carried out to answer a scientific question.

E.g. If testing which material is the most waterproof by pouring liquid onto a selection of different materials, in a fair test only the type of material (the component you are testing) should be changed. Therefore, all other elements (the type of liquid used, the amount of liquid used, the distance the liquid is poured from, the speed at which it is poured and the size of the material) must remain the same each time the test is carried out. It would be unfair or an unscientific test if, for example, 1000ml of water were poured onto a piece of foil and 2ml of milk poured onto a piece of foam - you would not be able to fairly compare the materials.

light- the form of energy that makes it possible for the eye to see. The sun produces light.

artificial- made by human beings; not natural.

natural- of or produced by nature; not made by humans.

bright- filled with or giving off much light; shining.

E.g. This room is nice and bright in the morning.

The sun seems so bright in the desert.

dull- not bright, shiny, or having much colour.

torch- a small lamp or light that is held in the hand and powered by batteries. **Torch** has the same meaning as **flashlight**.

see- to look at.

E.g. Can you see the stars?

hear- to receive sound with the ears.

E.g. Can you hear the ocean?

reflect- to throw back an image of; mirror.

E.g. The ocean reflected the setting sun.

travel- to move forward in any way.

E.g. Lights travels in a straight line.