

A row of six yellow lightbulb icons with radiating lines, positioned at the top of the page.

# Light and Sound

A yellow lightbulb icon with radiating lines, positioned on the left side of the page.

## Science

I understand that light is needed to see, and that dark is the absence of light.

I know that light is reflected from surfaces.

I understand that light can be dangerous and know how to protect my eyes.

I know shadows are formed when light is blocked and can explain patterns in the way shadow size changes.

I know how sounds are made and heard.

I understand that the features of an object will determine the pitch it produces.

I understands the link between the volume of a sound and the strength of the vibrations that produced it.

I know the sounds get fainter as the distance from the sound source increases.

I can identify common appliances that run on electricity.

I can construct simple series circuits and use recognised symbols when representing circuits with diagrams.

I can predict whether a lamp will light in a series circuit based on whether it is part of a complete loop with a battery and the position of the switch.

## DT

I have researched electric lamps, lanterns and inventions that will aid my design.

I can draw and label a diagram showing how my electric circuit will work and make sketches to show how my lantern look.

I can choose materials according to their properties for my design.

I can draw and test a working circuit to go into my lantern.

I can discuss and evaluate my work.

# Spanish

I know the names of objects in the classroom.

I understand classroom commands.

I can use Spanish vocabulary in conversation and ask and answer questions.

# RE

I know how followers of Judaism and Islam live by rules.

I know what it means to be temperate, self-disciplined and seek contentment through life experiences for Muslims.

# Hillstone Learning Powers

I can recognise how different friendship groups are formed.

I am aware how different people and groups impact me.

I can identify feelings of anxiety and fear associated with peer pressure.

I can tap into my inner strength when necessary.