



Key Learning

Reception:

- Learn new vocabulary
- Use new vocabulary
- Talk about members of their immediate family and community.
- Name and describe people who are familiar to them
- Describe what they see, hear and feel whilst outside.

Year 1:

- Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.
- Name and talk about their members of immediate and extended family.
- Describe what is needed to healthy and clean.

Investigation Questions

- Shadows - can we change the size

Year Reception / 1 Science: Light and dark

Sources of light

Torch
Candles
Fireworks
Light bulbs
Technology (laptops / phones)
Car lights
Sun

Common Misconceptions

Some children may think:

- The moon is a source of light

Key Scientific Vocabulary

Light	The brightness that comes from the sun or other light sources such as a torch etc.
Darkness	The absence of light. (There is no light)
Light sources	Sources of light are somethings that give off light. There are lots of different sources of light some are natural and some are man made. Such as torches, sun, fire etc.
Shadows	A dark shape that appears when light is blocked.
Sun	The Earth depends on the Sun for heat and light. It is a star at the centre of the solar system.
Sun safety	Taking steps to make sure we stay safe when exposed to sun.
Transparent	Clear. Light passes through a material that is transparent.
Opaque	Doesn't allow light to pass through. You cannot see through it.
Material	What an object is made from.
Reflective	Something that can be seen easily.
Bright	Full of light/shining.

