Year 3
Spring 1
Light

Week	NC objectives	REMEMBER (prior knowledge)	KNOW (new knowledge)
1 2 3 4 5 6	• recognise that they need light in order to see things and that dark is the absence of light • notice that light is reflected from surfaces • recognise that light from the sun can be dangerous and that there are ways to protect their eyes • recognise that shadows are formed when the light from a light source is blocked by an opaque object • find patterns in the way that the size of shadows change •	• Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense. (Y1 - Animals, including humans)	To know that we need to light in order to see things. To know that dark is the absence of light. To know that light is a form of energy that travels in a wave from a source.
			To know that reflect means to bounce off and some surfaces reflect light. To know that surfaces that are flat, shiny and smooth reflect light the best.

			To know that mirrors reflect light very well and create a clear image.
			To know that the image in a mirror is reversed.
			To know that the sun is a light source.
			To know light from the sun can be dangerous and that there are ways we can protect our eyes such as sunglasses etc.
			To know that opaque objects do not allow light to pass through them.
			To know translucent objects, allow some light to pass through them but scatter the light.
			To know that transparent objects allow light to pass through them easily.
			To know that a shadow is an area of darkness where light has been blocked.

| | | | To know that when the light source is above an object the shadow will be directly underneath.

To know that when the light source is on one side of the object the shadow will be on the opposite side. |
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| **Vocabulary** | <u>Prior knowledge vocabulary</u>
Shadows, sun, light, | | <u>New vocabulary</u>
light source, mirror, reflect, reflective, reflection shadow, blocked transparent, translucent, opaque |