

### What have I previously learned?

- Explore the natural world around them.
- Describe what they see, hear and feel whilst outside. (Reception - Seasonal changes)
- Understand the effect of changing seasons on the natural world around them. (Reception - Seasonal changes).

### Vocabulary - Goldilocks words

Light- any object which emits light.

Shadow- a dark area or shape produced by a body coming between rays of light and a surface.

Transparent- allowing light to pass through so that objects behind can be distinctly seen.

Translucent- permitting the passage of light.

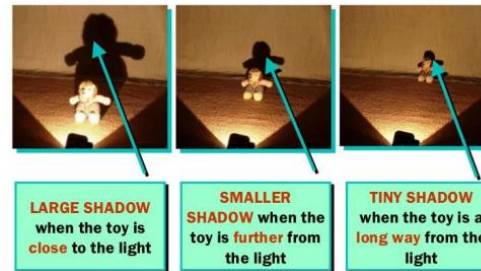
Opaque- not letting light through.

Light source- any object which emits light is called source of light.

### Sticky Knowledge

- We see objects because our eyes can sense light. Dark is the absence of light. We cannot see anything in complete darkness. Some objects, for example, the sun, light bulbs and candles are sources of light.
- Objects are easier to see if there is more light. Some surfaces reflect light. Objects are easier to see when there is less light if they are reflective.
- The light from the sun can damage our eyes and therefore we should not look directly at the sun and can protect our eyes by wearing sunglasses or sunhats in bright light.
- Shadows are formed on a surface when an opaque or translucent object is between a light source and the surface and blocks some of the light. The size of the shadow depends on the position of the source, object and surface.

### Prompts to help me in my learning:



### Useful links

<https://www.youtube.com/watch?v=fy7eoMef3e8>

Light - Year 3 Science - BBC Bitesize