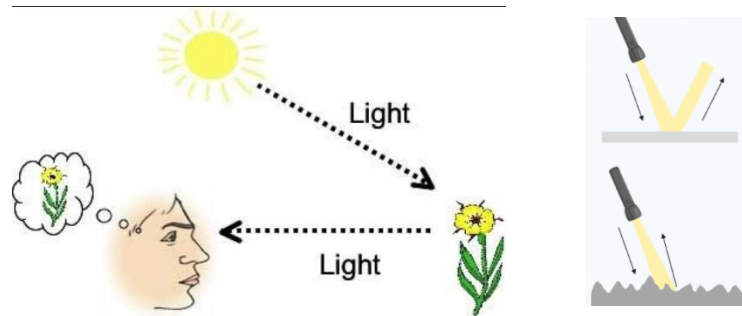
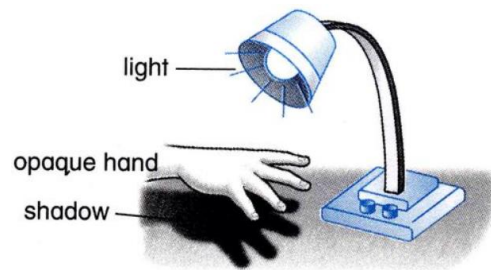
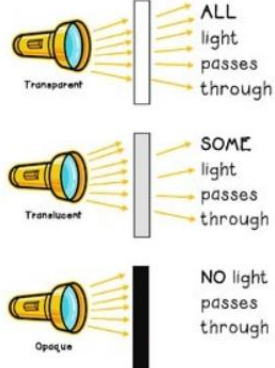




# Year 3 - Autumn 2 - Light



Translucent, Transparent & Opaque



## Key Facts

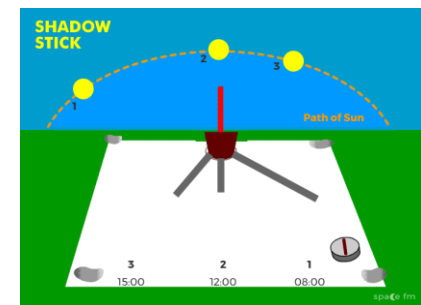
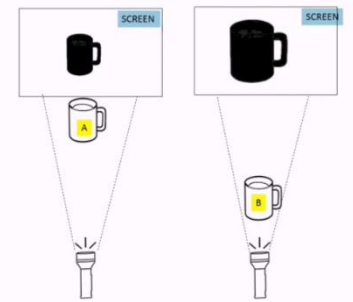
Light travels in a straight line. We can see objects when light reflects off them and hits our eyes.

Smooth surfaces reflect light better than rough surfaces.

Shadows are formed when **opaque** objects block light. Shadows are the shape of the object.

When the **light source** is directly above the object, the shadow will be underneath the object.

When the **light source** is to one side of the object, the shadow will appear on the opposite side and be longer.



## Key Vocabulary

<b>Light</b>	A form of energy that travels in waves from a source.	<b>Translucent</b>	Objects that let some light through. We can't see through them properly.
<b>Light source</b>	An object that makes its own light.	<b>Transparent</b>	Objects that let light travel through them easily. We can see through them.
<b>Dark</b>	The absence of light.	<b>Opaque</b>	Objects that do not let light travel through them.
<b>Ray</b>	The path that light travels in.	<b>Reflect</b>	When light hits the surface of an object and bounces back into our eyes.
		<b>Shadow</b>	A dark shape on a surface that is made when something is in between a light and the surface.

