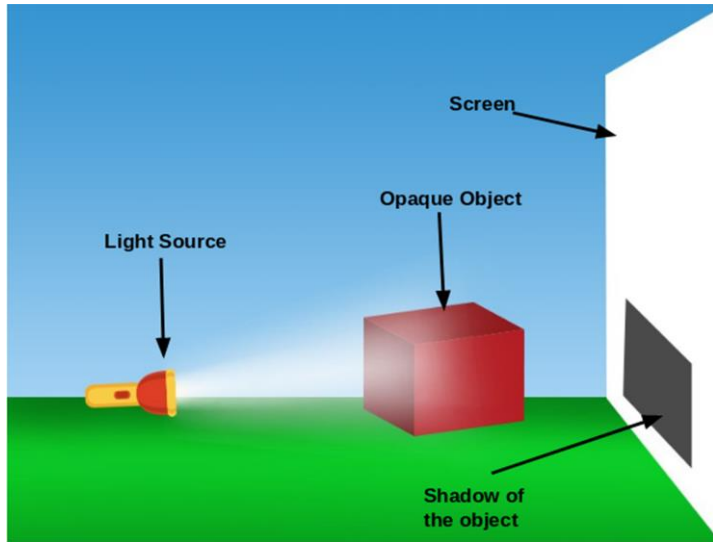




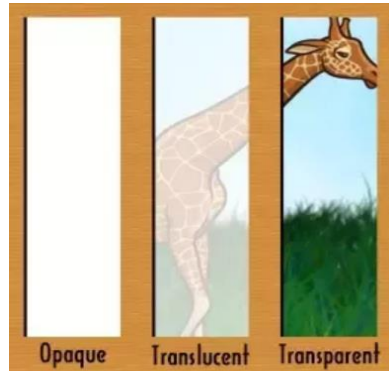
# KNOWLEDGE ORGANISER

Assessment question: How are shadows formed?

## Creating shadows



## Transparent, translucent and opaque



Transparent - all of the light passes through. We can clearly see through them.

Translucent - only some light passes through. We can partially see through them.

Opaque - no light to passes through. We cannot see through them at all.

## Key vocabulary

light, dark, reflect, shadow, object, natural, artificial, opaque, translucent, transparent, absorption, reflection, transmission

## Protection from light

Sunlight can be dangerous for our eyes and skin. The light contains UV rays that can cause damage.



1. Wearing sunglasses - to reduce the amount of light (and also the UV rays) that reaches our eyes.

2. Covering up - clothes block some of the UV rays that can damage our skin.

3. Sun cream - stops our skin from absorbing as many UV rays, protecting it from harm.

Windows	Water	Air	Frosted Glass	Tracing Paper	Flower Petals	Table	Sofa	Brick
<b>Transparent Objects</b>			<b>Translucent Objects</b>			<b>Opaque Objects</b>		