# Light

## Materials

- Translucent
- Transparent
- Opaque

## Sources of light

- A source of light makes light
- The main **source** of light on the earth is the sun

## The eye

- Light travels in straight lines
- When light hits an object, it is reflected
- It then enters our eyes

## Reflection

- When a beam of light is reflected from a surface, it changes direction
- Smooth, shiny surfaces reflect light well
- Rough, dark surfaces do not reflect light well

## Shadows

- Shadows are formed when objects block a source of light.
- Night is caused by the Earth blocking the light from the Sun
- The size of the shadow depends on the angle at which the light is falling on the object
- Darkness is the absence of light