

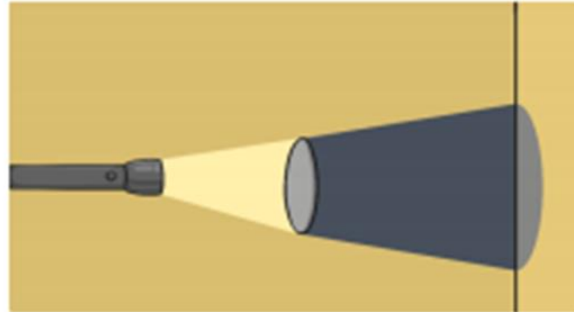


LIGHT

Key Facts

- Darkness is caused by the absence of light
- Light can come from a range of sources
- Light travels in straight lines

Example: an opaque object causing a shadow.



The shape and size of a shadow can be altered depending on the angle of and distance between the object and light source.



Transparent

Translucent

Opaque

Reflection

Shadow

Light source

UV light

Key Vocabulary

When an object lets light past through so objects can be seen behind

When an object lets some light through

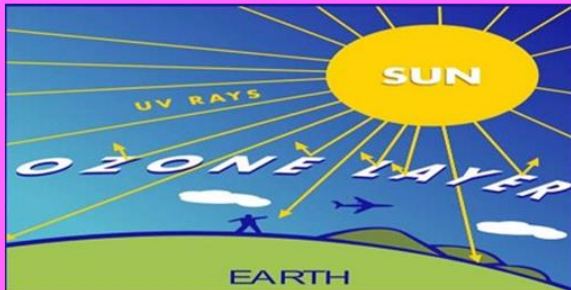
When an object lets no light through

When a light ray hits a surface and bounces off

A dark shape that appears on a surface when something moves between the light source and an object.

An object that emits its own light

A form of radiation which isn't visible to the human eye



UV rays which come from the sun can be harmful which is why you must protect yourself appropriately.

Example: light travelling and reflecting from a smooth surface.



Example: light travelling and reflecting from a rough surface.

