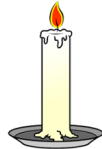
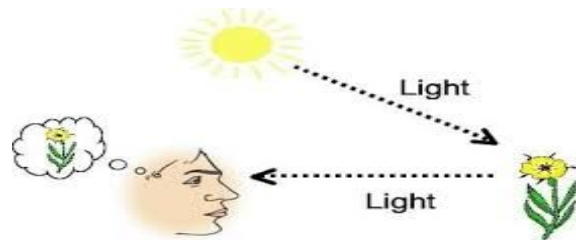


LIGHT

Light allows us to see. It comes from different **light**



sources.



When it is dark it is because there is much less light, no light at all is very rare like in a deep cave. Sometimes when you switch the light out in your bedroom you might be able to see some shapes after a while because there is still a little bit of light in the room.



Year 3 Summer Term

LIGHT

LETTING LIGHT THROUGH

Some materials are very good at letting light pass through them.

TRANSPARENT

Objects that let lots of light through are said to be **transparent**. We can see things clearly through these objects. Examples of these materials are:



glass



and some plastics.

TRANSLUCENT

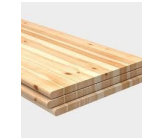
Some objects let some light through but you can't see things clearly through them. You may have a frosted window in your bathroom which lets enough light in for you to see but not enough for anyone to see you in the shower!



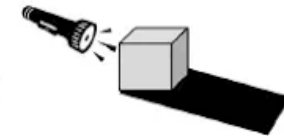
OLSE Science Knowledge Organiser

SHADOWS

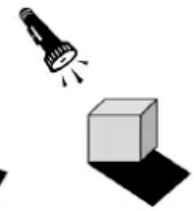
Shadows are formed when light cannot pass through an object. We describe these objects as being **opaque**. Examples of materials which are opaque are:



wood



metal



and some plastics.

IMPORTANT

We should **NEVER** look directly at the sun as we can damage our eyes even when wearing sunglasses.

