

Light travels in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ lines from a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of light, which bounces off an object.

We can see the object, because the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ enters our eyes.

Wood and cardboard are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ objects, which light cannot travel through.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ material, which allows light to pass through.

When an object blocks out the light, a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is formed.

Shadows are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ at midday and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ at the end of the day.

Challenge:

Can you explain the relationship between light and heat?