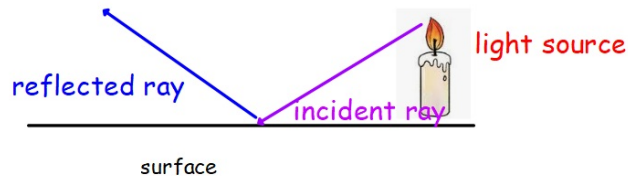


Let's Learn

What Is Reflection?

You have learnt that light travels away from a source of the light in straight lines. When the light reaches the surface of an object, it bounces off the surface. We call this **reflection**. reflects off

When light **reflects off a surface**, it still travels in straight lines, but in a new direction.



How Do We See Objects?

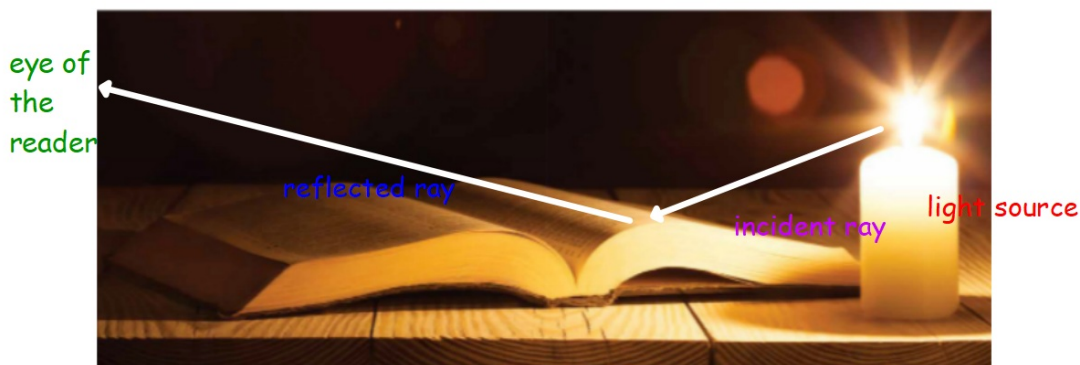
Student's Book p.114

We need light to see. When light reaches our eyes, we are able to see objects.

We cannot see anything in a dark room because there is no light reaching our eyes. When we turn on the light, we can see the light source. That is because light from the light source travels to our eyes.

lesson 2

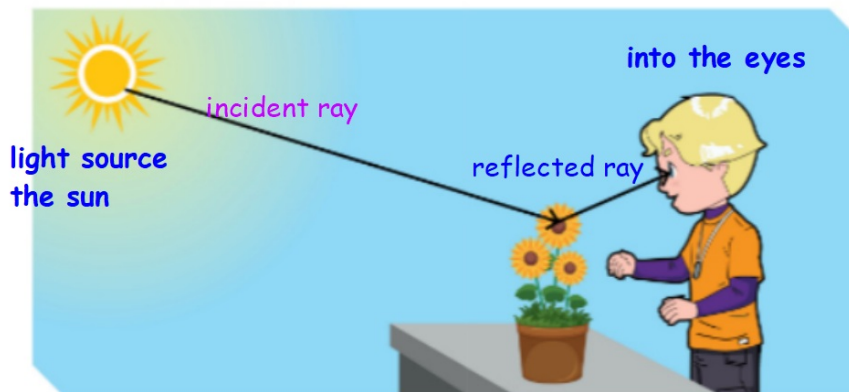
We can also see other objects in the room that are not sources of light, such as walls, doors, tables and books. We see these objects when light from the light source is reflected off them and reaches our eyes.



The book is not a light source. However, we can see it when light from the candle is reflected off the book into our eyes.

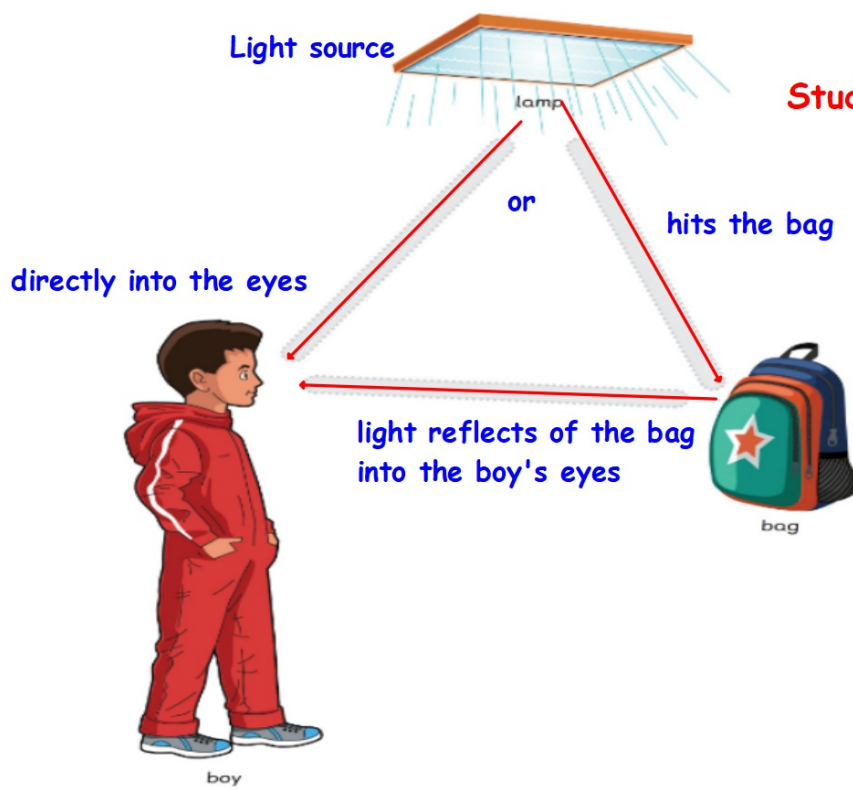
Student's Book p.114

We can draw a ray diagram to show how we see objects that are not sources of light.



Final result:
Ralph can see
the flower pot

reflects off object



Student's Book p.115