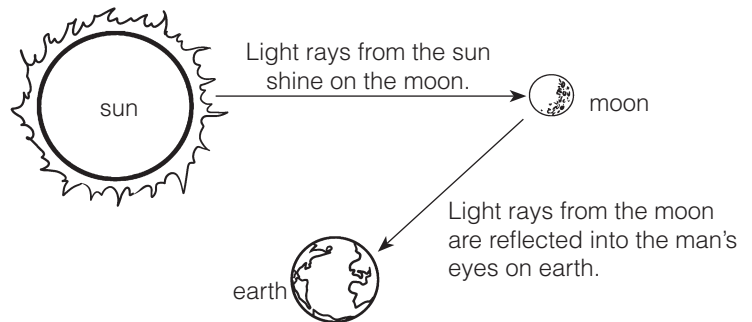
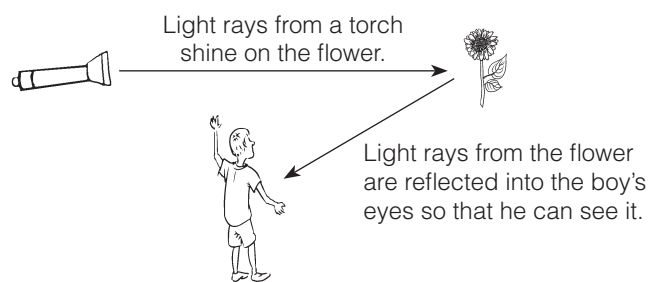


# How We See Objects

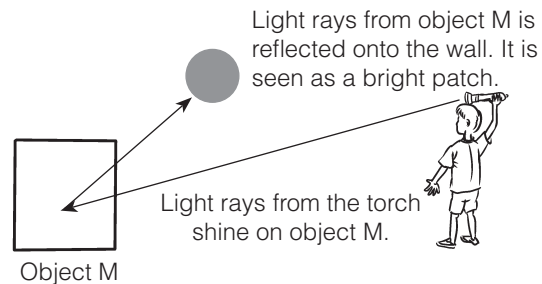
The moon does not give out light of its own. We can see the moon because light rays from the sun which shine on the moon are reflected off the surface of the moon into our eyes.



In the same way, a boy in a dark room is able to see the flower because the light from the torch which shines on the flower is **reflected** by the flower into his eyes.



A boy has object M. When he shines a torch at object M, a bright spot is seen on the wall. This shows that object M must have reflected the light that was shone on it onto the wall. Object M is a mirror.



Smooth, shiny surfaces are able to reflect light very well. When you look into a mirror, you are able to see a clear image of yourself. The mirror reflects almost all the light that shines on it back into your eyes in a regular manner.



## Example

Barry is behind Andy. However, Andy is able to see Barry's reflection in the mirror and know that he is there. This is because light from the sun falls onto Barry (Ray A) and is reflected into the mirror (Ray B). The mirror then reflects the light into Andy's eyes (Ray C).

