

Science



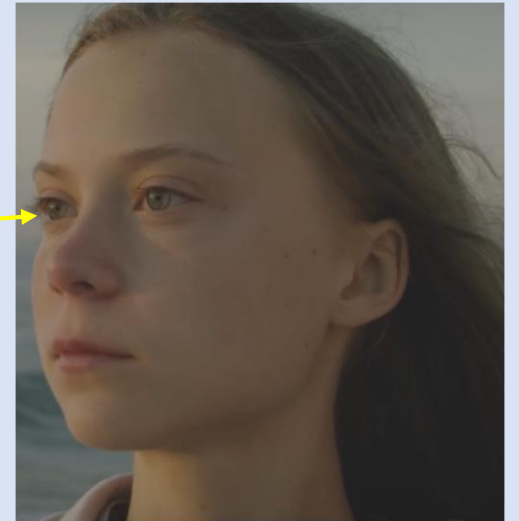
Light

When we think about how light travels we need to remember it comes from the source to the object.

Source / light



Object / thing
looking at the light



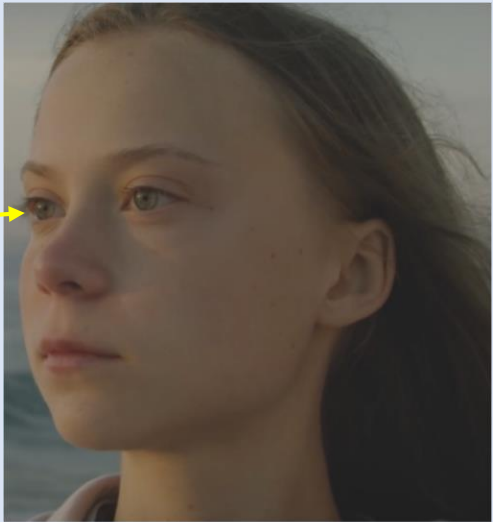
The light from the bulb lets Greta see the tree.



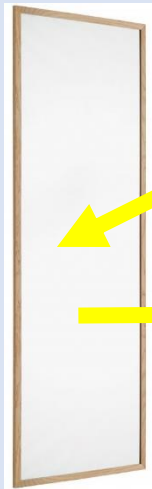
Bulb shines on the tree.



Which means when Greta looks at the tree the light shinning on the tree will travel to Greta's eyes.



The mirror reflects / blocks the light so that the light bounces / turns the light.



Any shiny surface will do this.



<https://www.youtube.com/watch?v=rExDkyJ6thU>

Watch this YouTube clip to see how you would conduct an experiment to see how light affects shadow.

Remember variables are the things that change, here the size of the shadow and the objects distance for the light are variables as they change.

Have a go at the Light quiz I have sent you.

