



Today Science Club are going to be.....

REFLECTING LIGHT!

Where does **light** come from?

1) _____

2) _____

3) _____

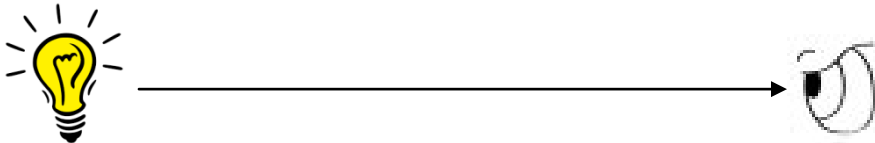
4) _____

Light has **three** important properties:

- 1) It travels in straight lines
- 2) If something is in the way you get a **shadow**
- 3) Light travels **very fast!**

How we see:

We see things when light from a source enters our eyes:



Light bounces off some materials such as mirrors and shiny objects. This is called **reflection**.

We are going to use mirrors to reflect light to make a **periscope**.

Periscopes allow us to see round corners.

Which type of **boat** uses a periscope to see above the water?



Note to parents: We have made cardboard periscopes using plastic with reflective surfaces. During WW1 school students made wooden and glass ones for soldiers to use in the trenches! Note there is also a solar eclipse this Friday peaking at 09:30!