

# Science - Light

St Francis RC Primary School



## Year 3 – Light

Know

- that we need light to see things.

Know

- that the sun can damage our eyes.

Know

- that shadows are formed when an opaque object blocks the light.

Know

- that shiny surfaces reflect light very well.

Know

- that matt surfaces do not reflect light well.



## **We investigate the following...**

- How does the distance between the shadow puppet and the screen affect the size of the shadow?
- When is our classroom darkest?
- How does the sun make light?

# Year 3 – Key Vocabulary

---

light

dark

light source

transparent

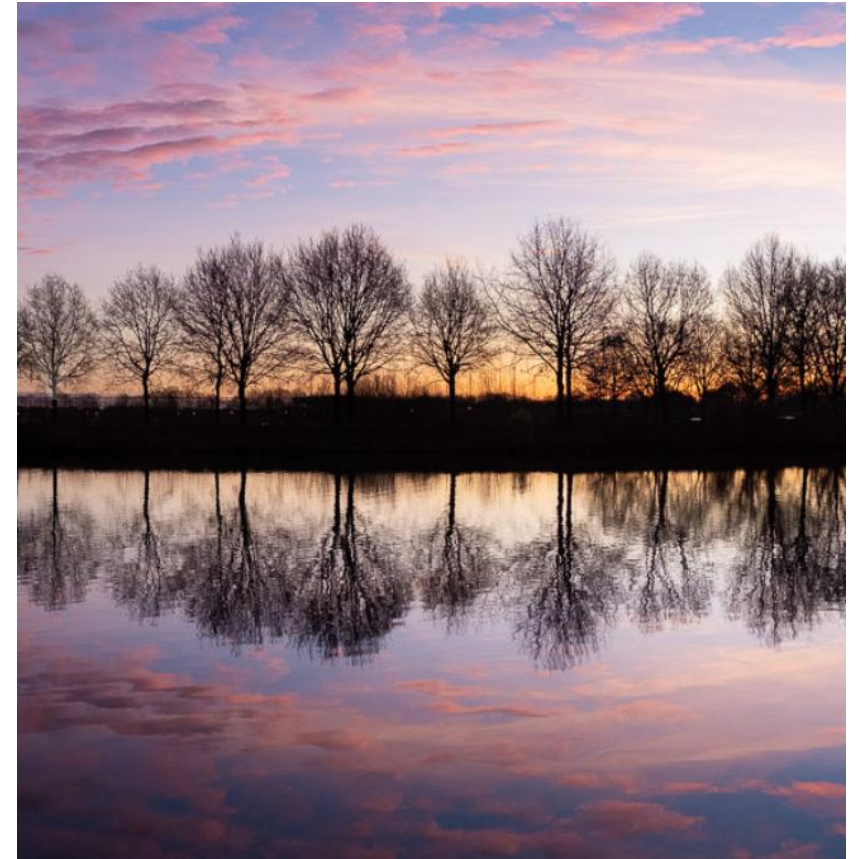
translucent

opaque

shadow

reflect

mirror



# Year 6 - Light

## Know

- Know that light travels in straight lines.

## Know

- Know that light may come directly from a light source.

## Know

- Know how shadows are formed and why.

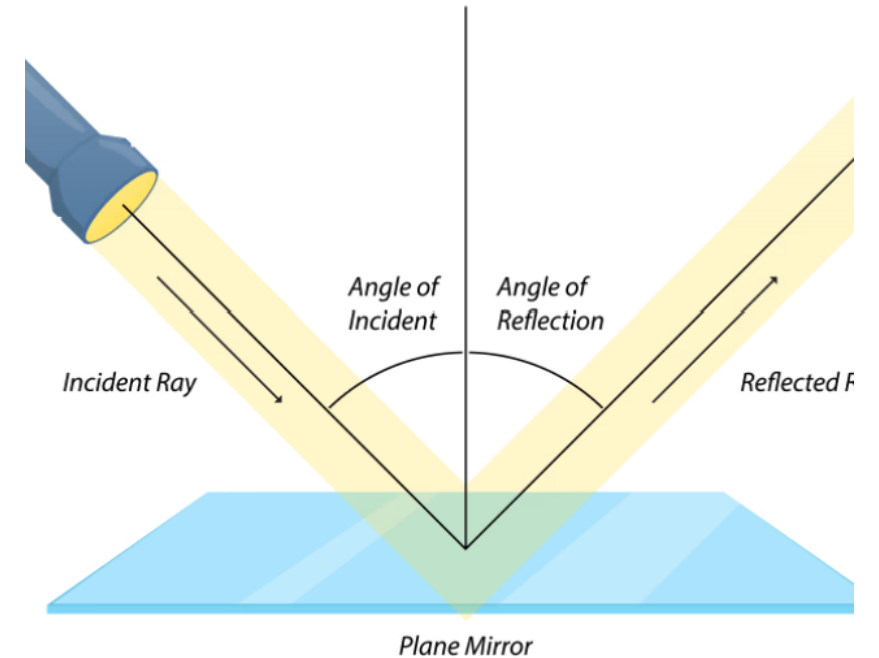


# We investigate the following...

---

How does the angle that a light ray hits a plane mirror affect the angle at which it reflects off the surface?

Why do some people wear glasses to see clearly?



# Year 6 - Key Vocabulary

- light source
- straight lines
- light ray
- reflect
- shadow

