

The background is a dark, textured surface with various light-colored sketches. On the left, there is a detailed drawing of a microscope. Above it, a globe of the Earth is sketched. Below the microscope, there are sketches of a stack of books and a hand holding a pen. On the right side, there are sketches of a percentage sign, an exclamation mark, and a right-pointing arrow. The overall theme is scientific and educational.

To understand how the eye works.

February 2021

Success Criteria

Objective: To understand how the eye works.								
	Guided		Independent		Group/Paired		TA Guided	
<u>Success Criteria</u>						<u>Self</u>	<u>Peer</u>	<u>CT</u>
I know that the eye detects light so we can see.								
I can explain how we see things.								
I understand the basic structure of the eye.								

I spy...

- How observant are we? Let's play I spy for a few minutes

Structure of the eye

How the eye works

Engaging Science

Human eye – more information...

Interesting facts

- The average adult blinks at a rate of 10 to 20 times per minute. With an average of 4,200,000 blinks a year.
 - It is impossible to sneeze with your eyes open.
 - A fingerprint has 40 different unique characteristics an iris has 256, hence the growing use of iris scans for security purposes.
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Task:

- Write a paragraph on how to care for your eyes.
 - Consider the following:
 - Hygiene
 - Sun protection
 - Glasses
 - Conditions affecting eye sight

Plenary – maths data handling skills

- Survey the colour of eyes for people in your household and/or extend to other relatives.
- Collect data in a frequency table then create a bar graph to represent the data.