To understand how the eye works.

February 2021

Success Criteria

Objective: **To understand how the eye works.**							
	Guided		Independent		Group/Paired		TA Guided

Success Criteria	Self	Peer	CT
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.

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.