

### Maths:

This half-term the topics we will cover are:

- shape, and measurement in relation to shape
- focus on 2D shapes, their properties, areas, and perimeters
- 3D shapes, their nets, volumes and properties
- revision of division; fractions and percentages
- mental strategies and short division, giving remainders as fractions
- addition, subtraction, multiplication and division
- And practise SATS style questions.

### Science:

This half-term, the children will:

- explore light and how we see things
- understand the function of the eye and how the eye allows us to see
- understand how we can bend light
- understand how information travels in an optical fibre cable and their uses.

### Topic:

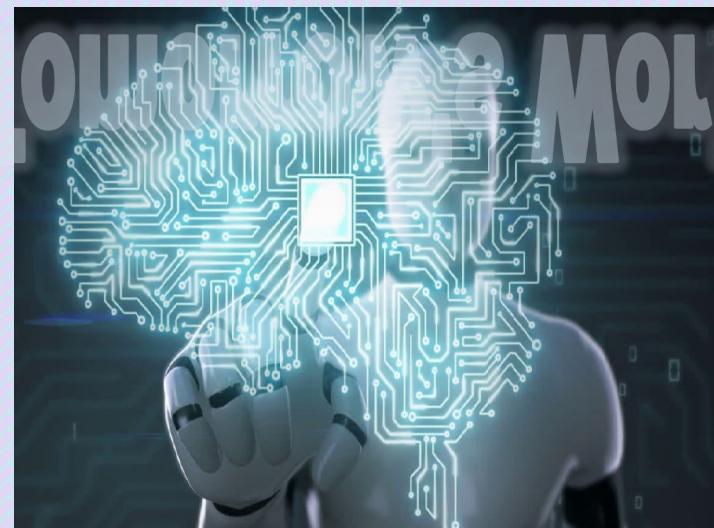
This term children will be looking at the history of computing and create a timeline using MS Word and the internet. They will also be looking at famous individuals and research how they have helped change the world of technology.



### Memorable experience:

The children will be learning how to code online using Logo and PurpleMash.

# Tomorrow's World



### Innovate Challenge: Spy School

MI99 are setting up a spy school for young people who are interested in espionage. Does that sound like you? Shh come closer. They would like you to design and create a spy school website that gives the parents the information they need for the spy school.

### PSHE:

Children will understand the developments in technology, the benefits and drawbacks. In addition, they will focus on the importance of respecting others and displaying courtesy and manners. We will also be focusing on online safety.

**Literacy:** The children will be reading a spy thriller *Stormbreaker*. Alex Rider is not your average fourteen-year-old. Raised by his mysterious uncle, an uncle who dies in equally mysterious circumstances, Alex finds himself thrown into the murky world of espionage. The children will follow his journey and compose a cv applying for a job as a spy agent. They will also write letters of advice, analyse characters and understand the techniques used by authors and their impact on the reader. They will also be contribute to class discussions and debates.

### Art/DT:

This half term children will be designing their own gadget for an everyday problem or relating to a hobby they have. They will be researching other gadgets already available on the market. They will create a design brief and come up with different design models which they can choose from. Children will also be looking at logos and designing a logo for their gadget.

