# Year group: 4

## Term 3

#### History

In history, we delve into the past to discover more about the inventors and scientists that have helped shape our modern world. We will be studying the life and inventions of Thomas Edison, Henry Ford and Nikola Tesla.

### Computing-Programming

looks at repetition and loops within programming. Pupils will create programs by planning, modifying, and testing commands to create shapes and patterns. They will use Logo, a text-based programming language.



We begin the term by recapping the features of an explanation text. We will gather information from our topic sessions to construct our own explanations. We will then be studying stories with an element of mystery. Our class text is 'Operation Gadgetman by Malorie Blackman. An excellent mystery story! We will then plan and write our own versions.

#### High Voltage!

Explore the past and discover how inspirational scientists have helped to shape our modern lives.

Year 4 will apply their knowledge of electrical circuitry to other areas of the curriculum in this exciting topic.

Music – Stop! Rap and Rhyme
P.E – Gymnastics and Football
Languages – Spanish - Classroom
R.E – Importance of beliefs
PSHE – Dreams and Goals

#### Art

Using Thomas Edison as our inspiration, we will be looking at light and shade techniques with pastels and pencils. We will study the futurism movement looking at artists like Giocomo Balla and Filippo Tommaso Marinetti.

## Maths

This term we will be focussing on strategies for multiplication and division. We will be focusing heavily on our times table practise too.

Key driver – determination.

#### Science

This term we will complete our topic on electricity. We will continue to build our knowledge of circuits with switches and experiment further with conductors and insulators.

#### **Design and Technology-**

We will be using our knowledge and understanding of electrical circuits to design and make a product with a working electrical element!

