

Year 6 - Spring Term

English

- to be able to use a range of prefixes and suffixes
- to use semi-colons, colons and dashes to mark independent clauses
- to use a colon to introduce a list and semi-colons within lists
- to identify the active and passive voice
- to use a range of cohesive devices in writing
- to describe settings, characters and atmosphere in narratives
- to use noun phrases, prepositional phrases and adverbs to add detail
- to use formal and informal language when writing
- to recognise the features of a range of genres of writing
- to read and respond to a range of text types

Maths

- to calculate efficiently using all four operations
- to solve multi-step problems
- to multiply and divide by 10, 100 and 1000
- to recognise equivalencies between fractions, decimals and percentages
- to solve problems involving the calculation of percentages
- to calculate the area of parallelograms and triangles
- to measure and draw angles
- to use simple formulae
- to interpret data in different forms
- to use mathematical vocabulary when reasoning about numbers

Science

- Classification of Living Things: to describe how living things are classified according to common observable characteristics; to be able to give reasons for classifying animals and plants based on specific characteristics; to be able to design classification keys
- Electricity: to know and use circuit symbols; to create a working circuit from a diagram; to repair broken circuits; to investigate wires and cells; to learn the differences between series and parallel circuits

Computing

- Scratch: to design and write programs that accomplish specific goals; to use sequence, selection, and repetition in programs; to work with variables and various forms of input and output; to use logical reasoning to explain how a simple algorithm works
- Espresso Coding: to create games with moving objects

R.E.

- Creation Accounts in Different Religions: to know how people from different religions believe the world was created; to compare and contrast stories from different religions

Geography

- To explain the UK's trade links with other countries
- To use maps to show the UK's trade links with other countries
- To explain trade links between El Salvador and the UK
- To understand the importance of Fair trade
- To explain the global supply chain
- To explain how trading has changed through history

Art

- To know about a variety of different artists
- To improve their mastery of Art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay]

D&T

- Develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose aimed at particular individuals or groups.
- Generate, develop and communicate their ideas through discussion and annotated sketches
- Evaluate their ideas and products against design criteria and consider the views of others to improve their work
- Understand and use electrical systems in their products

Indoor P.E.

- Skipping: to move safely and confidently in a space; to repeat simple skills and actions with increasing control and speed

Outdoor P.E.

- Basketball: to use principles to plan and implement strategies in individual, pair and team activities; to modify and develop their plans and apply rules and conventions for different activities; to take the initiative to analyse their own and others' work, using this information to improve its quality; to improve the consistency, quality and use of skills in mini-basketball games; to organise themselves as a team and select and apply strategies consistently and effectively