

## YEAR 6 CURRICULUM OVERVIEW – SPRING

Below is what your child will be learning across curriculum areas in the spring term.

### Geography

- What are the causes of climate change?
- How is global warming affecting weather patterns around the world?
- What impact does changing weather patterns have on communities across the world?
- How are countries acting to reduce global warming?
- What in our region should we preserve for the future?
- What needs to change in the future to make housing sustainable in our local area?
- What are work opportunities, public amenities and services like in our area?
- Can we make a sustainable future for our area?

### English

#### Texts we will explore:

Stormbreaker, A Monster Calls, Sherlock Holmes

#### Purposes we will explore:

- To persuade- application and advert.
- To discuss- court statement (murder mystery)
- To recount- newspaper
- To narrate – story- A Monster Calls, Sherlock Holmes and through poetry- *War of the Worlds*.

### PE (Physical Education)

- Dance – Learning the Haka and using these ideas to create their own group dances.
- Net and wall games - Tennis



### Leisure and Entertainment

### History

- What was leisure and entertainment like throughout the 20<sup>th</sup> century?
- What were the roles of cinema and movies in the 20<sup>th</sup> century?
- How did sport change over the 20<sup>th</sup> century?
- How were leisure and entertainment activities affected during and after WW2?
- How have British people been influenced by television?
- How have music trends changed over time? What were the swinging sixties?
- How have changes in technology during the 20<sup>th</sup> century affected our lives today?

### RE (Religious Education)

- Hinduism – Why do Hindus want to be good?
- Christianity – For Christians what kind of King was Jesus?

### RHE

- Respecting Rights - Understanding and explaining Human Rights and how they are met across the world. What can we do to help those whose rights have not been met?
- Safety First - Knowing how to keep ourselves safe including online. What to do in an emergency situation.

### Art and DT

- Art-** Improving mastery of art and techniques in surrealism painting. Learning about Salvador Dali.
- DT-** Understand and use mechanical systems in products.

### Maths

- Calculations Recap (+ - X ÷), Fractions, Decimals, Geometry: Position and direction, Percentages, Area and perimeter, Properties of Shapes, Statistics,

### Science

#### Understand animals and humans

- identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood
- recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function
- describe the ways in which nutrients and water are transported within animals, including humans

#### Understand electrical circuits

- associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit
- compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches
- use recognised symbols when representing a simple circuit in a diagram

### Computing

- Data handling: Big Data 1 - Children learn how data is collected and stored by exploring barcodes, QR codes and RFID chips.
- Programming: Intro to Python - Introduction to the text-based programming language Python, which is the language behind many apps and programs, such as Dropbox

