

# YEAR SIX: SPRING 1

## TOPIC / THEME

**Our Changing World:** We will start the new topic by revising features of Earth, time zones and lines of latitude and longitude to pinpoint places on a map. We will then find out more about map scales, grid references, contour lines and map symbols. Furthermore, we will learn about climate change and the importance of global trade. After that, we will learn to analyse data and carry out fieldwork to find out about local road safety. Finally, we will study patterns of human settlements and carry out an enquiry to describe local settlement patterns.

## READING

We will start the term by reading the novel 'Wonder' by R.J. Palacio. The book provides opportunities to look at events from the perspective of different characters and we will make comparisons of these. We will become familiar with the work of some established authors, articulate what is special about their work, and explain their preferences in terms of authors, styles and themes. We will describe and evaluate the style of an individual writer. When reading non-fiction, we will investigate the use of persuasive devices and recognise how arguments are constructed to be effective. When reading poetry, we will explore how poets use language imaginatively to create surreal, surprising, amusing and inventive poetry.

## WRITING

We will begin the half term by planning and writing a non-linear story, arranging paragraphs carefully, using a range of devices to signal the narrative moving backwards and forwards in time based on the novel 'Wonder'. We will then write an additional short story based in the future with flashbacks to being in school. We will also complete a piece of non-fiction writing linked to our topic 'Our Changing World'. We will construct an effective persuasive argument using persuasive language techniques to deliberately influence the reader and then transform our piece of writing for different audiences.

## MATHS

**PERCENTAGES:** We will learn to calculate percentage of numbers and find percentages of amounts such as litres and millilitres.

**RATIO:** We will learn how to compare several quantities; find quantities from ratios; ratios with measurements; finding ratios; comparing ratios to find a quantity; word problems involving ratio.

**ALGEBRA:** We will learn how to describe a pattern; write algebraic expressions; evaluate algebraic expressions; write and use formulae and solve equations.

**AREA AND PERIMETER:** We will learn how to find the perimeter and area of rectangles; find the base and height of parallelograms; find the area of triangles and find the area of parallelograms.

## P.S.H.E.

**SAFE RELATIONSHIPS:** Children will learn to compare the features of a healthy and unhealthy friendship, before learning about the shared responsibility if someone is put under pressure to do something dangerous and something goes wrong. After, children will learn strategies to respond to pressure from friends, including online. They will learn how to assess the risks of different online 'challenges' and 'dares. Additionally, children will learn how to recognise and respond to pressure from others to do something unsafe, before learning how to get advice and report concerns about personal safety, including online.

**BELONGING TO A COMMUNITY:** Children will learn what prejudice means, how to differentiate between prejudice and discrimination, how to recognise acts of discrimination, strategies to safely respond to and challenge discrimination, how to recognise stereotypes in different contexts and the influence they have on attitudes and understanding of different groups and how stereotypes are perpetuated and how to challenge this.

## COMPUTING



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**CODING:** In this unit, children will continue to learn how to code. The children will design and write a more complex programme than they have done previously. They will make this more complex by introducing functions, using user input, and adding flowcharts.

## **GEOGRAPHY**

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## SCIENCE

### LIVING THINGS AND THEIR HABITATS:

Children will describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including microorganisms, plants and animals. Children will also give reasons for classifying plants and animals based on specific characteristics.

## RELIGIOUS EDUCATION

### BUDDHISM: Parinirvana

Children will learn about Buddhist beliefs around death. They will learn about karma and the wheel of life. We will study Buddhist funerals and how these reflect beliefs and discuss the significance of memorials and monuments.

## PHYSICAL EDUCATION

This half term, our PE unit is gymnastics. Children will learn about shapes and balances, symmetry and asymmetry in shape and balance and begin to put these together into sequences. Children will learn about counterbalances and will begin to perform movements in canon and unison.

## MUSIC

**A NEW YEAR CAROL:** Children will take part in a new unit of work that builds on their previous learning. The children will listen to and appraise A Friday Afternoons song by Benjamin Britten.

## MFL (French)

**PLAYING AND ENJOYING SPORT:** Children will learn how to understand and remember some sport nouns. They will learn how to talk about sports they like and dislike, as well as learning to create extended sentences about sports. Furthermore, children will learn how to identify parts of the verb 'jouer' and describe a sport using simple sentences.

