

### Literacy

**Key Text:** *The Tantrum That Saved The World*

**Purpose for writing:** *Balanced argument (to discuss)*

**Writing:** Children will identify the structure and features of a balanced argument and use this to plan and write their own discussion texts about global warming and the contributing factors. During this unit, they will be using speeches by Greta Thunberg as a stimulus for their writing

During this, they will focus on grammar including modal verbs and the use of third person. Children will be expected to apply what they have learnt in previous units to use a variety of sentence types for cohesion. They will research and learn how to select the appropriate style and form to suit a specific purpose and audience.

**Grammar:** *Children will learn to use modal verbs, write in the third person and use a range of sentences and adverbials to build cohesion within their writing.*

**Word Reading/Comprehension:** *Children will focus on how we can infer and make predictions from the text. They will also explore the meaning of new words in context and use this to develop their written explanations of a text.*

### Geography

**Focus: The Amazon rainforest**

*(Please see Geography knowledge organiser for essential knowledge and vocabulary to be learnt.)*

In this unit, the will children learn about what a rainforest is and where in the world they can be located. They will learn about: the rainforest itself including climates, weather and the 4 different layers; about deforestation and its impacts on people and places; about different plant and animal life that can be found in the rainforest and about people that live in rainforests.

### Design and Technology

**Focus: Gears**

Children will build on from the learning in the previous key stage where the children learnt about leavers and linkages) create a pop-up book (2 pages) based on European Country) and pulleys (create a simple pulley to lift a stone.). They will be investigating and using gears to create a moving model linked to their Blue Planet these

**Year 5/6**  
**Spring 2/ Summer 1**

### Computing

**Focus: Spreadsheets**

**In this unit, children will for the first time experience spreadsheets and explore their whole world applications and purpose using the Purple Mash programme 2 Calculate**

### Maths

**Key Facts:**  
**Year 5: Fractions:** Children are to build upon their knowledge of fractions to represent fractions in different ways, investigate adding and subtracting of fractions with different denominators and multiplication of fractions by an integer. They will also extend their understanding of finding fractions of quantities to include non-unit fractions and using a fraction as an operator.

**Decimals and percentages:** building upon their understanding of fractions, the children will investigate decimal and percentage equivalence and their relationship to fractions.

**Year 6:**  
**Perimeter, Area and Volume:** children build on their knowledge of area and perimeter to explore the area of a triangles and parallelograms. They recap on volume, difference between volume and capacity and gives time to explore the conservation of volume using centimetre cubes.

**Ratio:** Using ratio language Ratio and fractions , introducing the ratio symbol, calculating ratio, using scale factors, calculating scale factors, ratio and proportion problems.

### Science

**Biology: Animals including humans**

The pupils will build on their prior knowledge when they learnt that animals, including humans, have offspring which grow into adults. During this unit, pupils will learn about how humans first develop as a foetus in their mother's womb and will gather data about the gestation periods of a range of animals and compare these to humans. They will then research and report their findings about how a human develops from birth and throughout childhood. During this unit, pupils will also learn about the physical and emotional changes which happen to humans during adolescence and will learn to ask relevant scientific questions. The pupils will then discover how humans change as they develop to old age before creating detailed timelines of a human's development.

**In this school we believe that pupils should learn the scientific declarative knowledge alongside procedural knowledge (working scientifically). Where possible each lesson will have a Working Scientifically objective (procedural knowledge) and a separate declarative knowledge objective which is made up of statements the pupils will know by the end of the lesson.**  
*(Please see Science knowledge organiser for essential knowledge and vocabulary to be learnt.)*

**Blue Planet**

### Music

**Focus:** Make you feel my love by Adele.

This term the children will continuing appraising Pop ballads.

### PE

**Focus:** Agility, balance, co - ordination via gymnastic/dance—advancing shapes and body control including partner/counterbalancing and flight. Create movement patterns to music, evaluating self and others performances.

### PSHE

**Focus: Positive Attitude**

This term children will focus on the effect their attitudes can have on their successes. We will consider the differences between optimism and pessimism.

### RE Focus: How can following God bring Freedom and Justice?

The children will explain connections between the story of Moses and the concepts of freedom and salvation, using theological terms. They will be able to make clear connections between Bible texts and what Christians believe about being the People of God and how they should behave. The children will explain ways in which some Christians put their beliefs into practice by trying to bring freedom to others.

### French

**Focus: Where in the world?**

During this term, children will be begin by learning how to explain which continent they are from in French. They will continue to develop their understanding of masculine and feminine nouns and learn when to use the correct preposition. They will then apply their understanding and use this to write simple answers to questions.