## **English**

**Key Text:** Greta and the Giants

**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, they will focus on grammar including modal verbs and the use of third person. Children will be expected the apply what they have learnt in previous units to use a variety 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 and adverbials of possibility, write in the third person, use relative clauses to add extra information 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 children will learn what a rainforest is and where in the world they can be located. They will extend their locational knowledge to be able to locate the Amazonian countries of South America on a map. They will find out about the climate and the weather within the Amazon and explore the four layers of the rainforest. They will discover where people live within the rainforest and how the land is farmed. They will explore the large scale resources which come from the rainforest. The children will also look at how the rainforest has an important role in limiting climate change.

#### Art

### **Focus: Printing**

Children will build upon their knowledge of printing techniques and learn about the work of William Morris in detail. They will adapt his technique to create a polystyrene printing block design influenced by our Amazon theme.

The children will limit themselves to three colours and investigate how to modify their block in order to ensure that the colours are not printed over as the colour layers up.

# *Year 5/6*

# Spring 2

# Computing

Focus: Game creator

In this unit, children will build on their own knowledge of gaming and use this to create their own classic computer game. The children will create everything from the setting and characters as well as the objective to create a multi level platform game using a program called 2DIY 3D

# **Blue Planet**



This term the children will continuing appraising Pop

Focus: Net and Wall.

Overview: Enhance Agility, balance, and coordination skills to return a ball consistently using a range of shot types to create match scenarios.

#### **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.

#### Maths

Key Facts: Year 5 Prime numbers up to 20, Year 6 Prime numbers up to 50

#### Year 5 and 6 will look at:

Measurement: Children will extend their knowledge and understanding of the metric measurement system and learn to convert measures of unit. They will build on this to investigate relationships between metric and imperial units of measure and then convert between them.

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.

Year 6 will learn about:

Ratio: Children will learn that ratio is a relationship between two numbers showcasing how many times the first number contains the second. For example, if a bowl of fruit contains 6 apples and 2 bananas then the ratio would be 6:2 or simplified to 3:1.

Algebra: Children will find a rule for 1 and 2 step problems, form expressions, substitute, forming equations, find pairs of values, finding the possible values that correspond to a letter.

#### 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 learn 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.)

#### RE Focus: Why is pilgrimage important to some religious believers?

Children will identify what pilgrims hope for from their religious journey and suggest ways in which this has an impact on their life. They will explain the meaning of pilgrimage for some believers and then ask some thoughtful questions about why pilgrims choose to undertake a pilgrimage. The children will use this knowledge to express their own ideas about the value taking time to reflect, makng a special journey and the importance of prayer.

#### 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.