

### English

During this topic we will be reading 'Journey to the River Sea'. We will be relating our English learning to key issues in the book, such as deforestation, sustainability and environmental conservation. We will design informative posters and write persuasive letters around the current climate issues. As well as that, we will also research the world rain forest, with particular focus on the amazon and the Congo rainforest, and we will use our own research to write non-chronological reports about the Rainforest. We will also use the setting of the rainforest to encourage descriptive writing and themed poetry, with particular focus on expanded noun phrases, subordinating conjunctions, fronted adverbials, punctuation and the use of a thesaurus to edit and improve our writing.

### Science: States of Matter

We will be learning the properties of solids, liquids and gases. We will also learn about reversible and irreversible changes and carry out experiments to observe and measure results. We will learn about the changes that happen to water through boiling and freezing and learn the water cycle.

### Computing

We will be learning about the importance of online safety. It is important that we are aware of dangers online and how to have fun whilst staying safe. We will discuss the importance of personal information and use all that we learn to design information leaflets, which we then share with younger year groups across the school. We will also be learning how to code and creating programme.

### RE

**Topic 1 People:** In this topic we learn what it means to be part of a community and reflect upon the different communities we are part of. We explore important people in our community and how we can contribute in a good way.

**Topic 2 Loving:** We prepare for Christmas by learning about and celebrating Advent.

## Year 4 Autumn 1

# Rivers & Rainforests

## Core Text: Journey to the River Sea

### Geography

In this Geography based topic, we will use world maps and atlases to locate and name the main rainforests in the world, with a particular focus on the amazon and Congo rainforests. We will research information about climate zones and the equator, illustrating these on maps and comparing different zones. As well we will look at and compare human and physical features. We will learn about the different layers of a rainforest, the animals that live there and how changes in the environment are affecting them, including deforestation and climate change.

### History

We will research the history of the amazon and the Congo rainforests, looking at changes over the years and the impact it is having on our environment. We will use this information to form opinions on what might happen in the future.

### Maths

In maths, we will continue working on quick recall of timetables and number facts.

We will be starting will place value of numbers to 10.000. We will focus on number lines, comparing, rounding, partitioning and 1, 10, 100 and 1000 more and less.

Next, we will practise addition and subtraction up to 1000, with a requirement to regroup. We will use lots of practical methods to ensure we understand the reasons behind regrouping, alongside written method. Estimating will also be a focus.

Finally, we will look at measurement. We will study length in detail, conversion and adding and subtraction, and we will learn how to measure perimeter.

### Art / DT

During Art we will experiment with pencil, chalks and pastels to create shade and tone in designing a rainforest animal. We will also use collage materials to make a rainforest setting.