

# Year 5

## Autumn 2 Learning Jigsaw

### Writing

In our writing this half term, we will focus on creating a poem that explores the most dangerous animal in the world. We will use our knowledge of the Amazon and The Explorer to support our writing. We will then move on to writing a balanced argument for the question 'Should Christmas be greener?'. Through both pieces of writing we will develop our grammar skills by looking at modal verbs, adverbials of number and converting nouns and adjectives into verbs.

### Reading

This half term will be continuing to read 'The Explorer' by Katherine Rundell.

#### We will focus on developing:

- Fluency & expression.
- Word meaning in context.
- Inference and deduction

We will also be exploring a range of fiction, non-fiction and poetry texts.

### Maths

In Maths we will be focusing on place value. We will be building on our knowledge of decimal numbers by exploring length using hundredths.

We will also explore negative numbers and how they can be seen on scales and graphs.

We will also look at multiplication by partitioning 2 and 3 digit numbers. This will lead to developing knowledge of short multiplication.

### Science

In Science, we will be exploring the topic of 'Living things and their habitats'. We will be revisiting our learning from Year 3 and 4, looking at the male and female gametes of plants and how they reproduce.

We will also look at the life cycles of different animals and compare them.

Through our learning we will be using different enquiry types including: identifying, classifying and grouping, research using secondary sources and fair and comparative testing.

### Music

Our Music lessons this half term will focus on basic composition skills, working towards creating our own.

### PE

We will be continuing our swimming lessons this half term.

### Geography

Our Humanities topic for this half term focusses on rainforests. We will explore the layers of the rainforest, identifying the different animals and plants that are found in each. We will learn about how animals have adapted to live in the rainforest and compare their features to animals that live in different biomes. We will conclude our learning by creating a fact file about the key characteristics of the Congo rainforest.

### Design and Technology

In DT this half term we will be exploring mechanisms. We will conduct research into toys that use cam mechanisms before planning and designing our own. We will investigate different ways to strengthen a moving toy and the tools and materials we will need to create it. We will then self and peer evaluate the toys we have made.

### Religious Education

We are exploring Islam this half term in RE, though the question, 'What does it mean to be a Muslim in Britain today?'

### RSHE

We will be looking at Celebrating Difference in our RSHE lesson this half term. We will discuss the meaning of cultural difference and learn about how it is celebrated across the world.

### Computing

In Computing this half term, we will be learning about creating media and vector graphs. We will use these skills to create a vector drawing for a specific purpose.

### Languages

We will continue to build on our French vocabulary by constructing simple sentences about the world around us.