

# Year 5 Autumn Term 2

## History Topic—Maya Civilisation

This term we are discovering who the Maya were and what happened during their civilisation. We will be looking to see in what ways Britain has been influenced by the Maya. We will be looking at what achievements for mankind come from this era.



### ENGLISH



Reading—we will be focusing on the book *Oh Maya Gods* by Maz Evans. Then we will move on to a Christmas themed classic, *The Christmas Carol*.

Writing— We are learning how to write a persuasive speech and deliver it effectively, based on our text from last term, *The Lost Words*. We will then be using and exploring playscripts based around our class book *A Christmas Carol*.

Spelling— We will carry on working through the Year 5 and 6 curriculum spellings, focusing on words ending with '-ant', '-ance' and '-ancy', '-ent' and '-ence', '-able' and '-ible', '-ably' and '-ibly'.

### MATHS

In Year 5, we will learn to represent, simplify, and compare fractions, including equivalent fractions. We will also practice adding, subtracting, multiplying, and dividing fractions, both with like and unlike denominators. Addition convert between mixed numbers and improper fractions, solve word problems, and understand the connection between fractions and decimals.

### SCIENCE

In Year 5, the Forces unit introduces students to the concept of forces and their effects. Key learning points include understanding different types of forces such as gravity, friction, and air resistance. Students explore how forces cause objects to move, speed up, slow down, or change direction. They learn about balanced and unbalanced forces, and how forces act on objects in everyday life. The unit also covers the concept of contact and non-contact forces, investigating how forces like magnetism and gravity work over distances. Practical activities help students observe and measure forces in action, linking theory to real-world examples.

### ART & DT

In DT, we will be looking at bridges. We will explore how to reinforce a beam (structure) to improve its strength. We will build truss bridges out of spaghetti and wood. We will cut beams to the correct size, using saws and bench hooks.

### RELIGIOUS EDUCATION

In Year 5, students learn that Hinduism is one of the world's oldest religions, originating in India. They explore key beliefs such as karma, dharma, and reincarnation, and learn about important deities. Festivals like Diwali and Holi are also discussed.

### PSHE

In this unit, students explore the meaning of culture, the impact of cultural differences, and the causes of conflict. They learn about racism, bullying (both direct and indirect), and the importance of support systems like Childline. Students develop strategies to manage feelings, support bullying victims, and encourage positive behaviors. They reflect on cultural diversity, personal attitudes, and the value of happiness over material wealth. They also discuss how bullying affects self-esteem, the fairness of racism, and how to support those less fortunate.

### COMPUTING

In Year 5, students use Microbits to learn basic coding and electronics. They create simple programs to control LEDs, sensors, and motors. This unit enhances problem-solving skills and introduces concepts like loops, variables, and inputs/outputs, making technology engaging and accessible.

### Outdoor PE

In Year 5, students develop basic hockey skills such as dribbling, passing, and shooting. They learn to control the ball with a stick, maintain proper stance, and understand game rules. Emphasis is placed on teamwork, spatial awareness, and strategic play to enhance their overall understanding and enjoyment of the sport.

### Indoor PE

Children will develop and apply their dynamic balance on a line and counter balance with a partner through focused skill development sessions, modified/non-traditional games/sports and healthy competition.

### FRENCH

By the end of this unit pupils will have the knowledge and skills to make a presentation about their own/a fictitious family in both spoken and written form in French. Pupils will start to integrate previously learnt language with newly acquired language, encouraging more confident use of their growing bank of vocabulary. Pupils will demonstrate an increasing knowledge of grammar and the use of the possessive in French to manipulate language.

### EXTRA INFORMATION

#### PE days:

Oak—Tuesday and Friday

Elm— Tuesday and Friday