



# Year 5 Spring Term Curriculum Map (Second Half)



## MATHS

Children will learn about factors, multiples and primes. They will be able to find factors and multiples of positive whole numbers, including common factors and common multiples, and express a given number as a product of 2 or 3 factors. Children will also learn about proper, improper, mixed fractions and unit fractions. Children will be able to express these as multiplication of a fraction. **Key Vocabulary:** calculations, common factor, factor, multiples, prime and composite number, proper fraction, improper fraction, mixed number, unit fraction.

## HISTORY

What was the Maya Civilisation's greatest achievement? Children will learn about the hierarchical structure of the Maya society, how they built their civilisation, their writing system and religion.

**Key Vocabulary:** religion, culture, power, hierarchy, civilisation, trading, international, class

## COMPUTING

Children will explore the concept of Data and Information: Flat-file databases. Children will experience using a database to order data and create charts to answer a range of retrieval-based questions. They will learn to use various application shortcuts and features including automatic sorting.

**Key Vocabulary:** Database, data, information, record, field, sort, order, group, order, sort

## FRENCH

Children will be able to order what they would like to eat and drink in a French café. They will learn to order a selection of typical foods, drinks and snacks from a French menu and order a French breakfast.

**Key Vocabulary:** Vous désirez? Je prends..., S'il vous plaît, L'addition s'il vous plaît, du pain, de la confiture

## ENGLISH

Children will start the term off by reading *Hidden Figures* by Margot Lee Shetterly and Laura Freeman. They will write a balanced argument about gender roles in Science, Technology, Engineering and Mathematics, which will support their persuasive letter writing. Children will then write about an issue that is important to them and perform this to improve their oracy. Finally, a modern-day take of the traditional fairytale, *The Sleeper and The Spindle*, will be read, and children will write their own 21<sup>st</sup> Century versions.

**Key Vocabulary:** balanced argument, STEM, gender roles, persuade, explanation, discuss

## MUSIC

The children will learn to recognise, respond to and perform steady beats at different tempi (speed). They will perform simple rhythms from memory, using non-standard notations, maintaining a part against other parts. They will start to become familiar with standard notation for rhythm. They will select and sequence sounds to create a rhythmic piece of music.

**Key Vocabulary:** beat, tempo, score, rhythm, dynamics, ostinato, notation, crotchet, crotchet rest, quaver, patterns, texture, sequence.

## RE

Why is The Torah so important to Jewish people? Children will learn who Jews are and how they worship God. They will understand why Torah is important to Jewish people.

**Key Vocabulary:** Jewish, tradition, identity, beliefs, Sacred, God, Hashem, Priest, Torah, Sacred texts, Psalms, Genesis

## SCIENCE

Children will learn about forces. They will be able to identify the effects of friction, that act between moving surfaces. By the end of the unit, pupils will know that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect. Later in the term, pupils will further develop their knowledge as they compare and group together everyday materials on the basis of their properties.

**Key Vocabulary:** Friction, mechanisms, simple machines, levers, pulleys, gears, property, compare, classify, group, sort

## PE

This term children will also demonstrate improvement to achieve their personal best using athletics and learn about Bollywood dancing.

**Key Vocabulary:** track and field, distance, speed, sprint, technique, throwing, tactics, levels, canon, unison

## PSHE / RSE

Children will be able to describe some of the benefits and consequences of taking risks. They will also start to recognise how their responsibilities are changing and when to get help from an adult.

**Key Vocabulary:** mental health, risk taking, safety, support network.

## ART

Children will design and make a 3D inspired Mayan mask using cardboard. Children will be able to create and use a template, use the technique of folding and scoring to make a 3D shape, use the process of layering to emphasise the 3D effect.

**Key Vocabulary:** Battle mask, Event mask, Death mask, Culture, Afterlife, Intimidate, Layering, Structure, 2D, 3D, Folding, Extruding, Joining, Layer, Build, Texture, Features, Corrugated, Key, Template, Score