Year 5 Curriculum Map Autumn Term

Mathematics Overview

Chapter 1 Numbers to 1 000 000
- Read, write, order numbers to at least 1 000 000
- Comparing numbers up to 1 000 000
- Round numbers to the nearest 10, 100, 1000, 10 000 and 100 000
- Making number patterns

Chapter 2 Whole numbers: addition and subtraction
- Counting on to add
- Counting backwards to subtract
- Adding and subtracting within 1 000 000

Chapter 3 Whole numbers: Multiplication and Division
- Finding multiples, factors, prime, square and cube numbers
- Multiply and divide 2 and 3 digit numbers by 10, 100 and 1000
- Multiplying 2 and 3 digit by a single digit
- Multiplying 2 digit numbers by 2 digit numbers
- Multiplying 2 digit numbers by 3 digit numbers
- Dividing 3 and 4 digit numbers
- Dividing with remainders.

Chapter 4 Whole numbers: worded problems.
- Solve multi-step problems, including using the bar model.

Chapter 5 Graphs
- Reading tables and reading line graphs

Chapter 6 Fractions
- Writing improper fractions and mixed numbers.
- Finding equivalent fractions
- Comparing and ordering fractions
- Making number pairs
- Multiplying fractions by whole numbers
- Multiplying mixed numbers by whole numbers
- Dividing to make fractions
- Adding and subtracting fractions.
- Dividing to make fractions.
- Multiplying fractions by whole and mixed numbers.
- Multiplying mixed numbers by whole numbers.

PSHE
We will be looking at Celebrating Difference and Being Me In My World.

Science Overview

The Earth and Beyond-Answering the questions:
What's in space? What is a year? What is a day? How does the sun help us to measure time? What time is it around the world? Why do we have seasons? What is sunrise and sunset?

Feel the force-Answering the questions:
How can we measure forces? Why does an object fall? What makes things move? How can we slow down fallings objects? Does the shape of an object affect its movement in a liquid? Do all heavy things sink? How far can you stretch? How can we use levers to helps us?

Religious Education

Islam: Children will consider these key questions:
What do Muslims believe? How do Muslims pray? How did Islam begin? What are the 5 pillars of Islam? What is the Qur'an? What are the features of a Mosque?

French
Recall numbers up to 12 Exchange greetings, Introduce oneself, say and identify French colours, say the months of the year.

Physical Education
Invasion Games

English Overview

Reading
Children will maintain positive attitudes to reading and an understanding of what they read by:
- continuing to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books or textbooks
- reading books that are structured in different ways and reading for a range of purposes
- increasing their familiarity with a wide range of books, including myths, legends and traditional stories, modern fiction, fiction from our literary heritage, and books from other cultures and traditions. We will be reading a range of texts including:
- Greek Myths by Marcia Williams
- Who let the Gods Out? By Maz Evans

Writing
Children will be applying the skills they have learnt in Grammar, Punctuation and Spelling to the following genres:
- Poetry
- Settings
- Characters
- Greek Myths & Legends
- Instructions
- Narrative Writing

Grammar, Punctuation and Spelling
- Identifying word classes.
- Using coordinating conjunctions and compound sentences.
- Using subordinating conjunctions to connect dependent and independent clauses.
- Use of apostrophes.
- Using and identifying expanded noun phrases.
- Identifying adjectives and adjectival phrases.
- Understanding the use of prepositions.
- Brackets, dashes or commas to indicate parenthesis.
- Relative clauses beginning with *who*, *which*, *where*, *when*, *whose*, *that*, or an omitted relative pronoun.

Spelling
- Words with the letter string 'ough'
- Words with 'silent' letters
- Words ending in '-able' and '-ible'
- Homophones (*isle/aisle, aloud/allowed, affect/effect, herd/heard, past/passed*)
- Use of the hyphen