

Year 5 and 6 Autumn Term Curriculum Overview

Maths

Year 5:

Read, write, order and compare numbers to 1 million.

Add and subtract numbers to 1 million, including decimals and solve problems using these calculations.

Carry out short and long multiplication and division and solve problems using these calculations.

Use and apply tables knowledge to mental calculations.

Recognise equivalent fractions, compare and order fractions, find fractions of a quantity, add and subtract fractions with the same and different denominators.

Understand decimal place value to hundredths and recognise/use simple decimal and fraction equivalence.

Recognise that a percentage is part of a hundred and know basic fraction, decimal and percentage equivalence.

Solve problems using fractions, decimals and percentages.

Solve problems across a range of maths.

Year 6:

Read, write, order and compare numbers to 10 million.

Add and subtract numbers to 10 million, including decimals.

Consolidate understanding of multiplication and division, including decimals and solve problems with these.

Understand the relationship between fractions, decimals and percentages and change between these to solve problems.

Find proportions of a quantity using fractions and percentages.

Add, subtract, multiply and divide a range of fraction types.

Solve problems with fractions, decimals and percentages, changing between these as necessary.

Solve problems across a range of maths area using basic skills.

Science

Classifying living things: recognising features of vertebrates and invertebrates; naming groups.

Understanding Carl Linnaeus and his system of taxonomy; know the 5 kingdoms and the features of these.

Understand how evolution and inheritance work to continue species.

Understand how plants and animals change and adapt to live in a range of environments.

Know that micro-organisms exist and how these can be advantageous and dangerous.

English

Writing:

The children will read and write a selection of myths, legends, biographies, autobiographies and news reports.

Spelling:

Children will continue to be taught new rules using the scheme from Spelling Shed.

Punctuation and Grammar:

- Recognise and use basic punctuation correctly—full stops, commas, question marks, exclamation marks and speech marks.
- Understand past, present and future tenses and how we use these correctly, including past simple, perfect, and continuous/progressive.
- Recognising and naming clause types.
- Recognising and naming subordinating and co-ordinating conjunctions and using these in writing.
- Recognise and use active and passive verb forms and use these in writing.

Geography—What are the main features of South America?

Know where in the world South America is and what countries are there.

Find out about the different climates, landscapes and other physical features.

Investigate countries of choice in detail.

Complete an in-depth study of Brazil, looking at jobs, industry, diversity, trade and the life of street children.

Look at time zones and how we can get to South America.

PE

PE will be taught by coaches from CUFC on a Thursday. Tag rugby will be taught by Mrs Gibson every Wednesday.

PSHE

Being Me in my world and Celebrating difference: We will be looking at rules, rights and responsibilities in school and beyond and self-esteem, bullying, racism and discrimination.

History—Gunpowder, Treason and Plot

Look at the religious turmoil and change during the Tudor reign; become familiar with basic Tudor history and the reasons for the break with Rome and reformation.

Look at the reign of the Stuarts and find out about why the Gunpowder plot happened and what the consequences were.

Know about Oliver Cromwell and the restoration of the monarchy.

Computing

- Internet Safety—being safe online—using project Evolve resources.
- Coding - Simplify a code and create a programmable game.
- Spreadsheets—Navigating and entering information into cells; using simple formulae to implement changes to date.

Design and Technology

This term we are designing, making and evaluating a moving vehicle which includes a mechanical device.

French

1st half term—Developing and using useful phrases—asking questions, recognising opposites and using conjunctions to join phrases.

2nd half term—More about mealtimes—telling the time and lunch at school, meals at home, basic foodstuffs and growing and tasting food.

RE

The nature of God—How is God loving and holy?

Explore imagery and metaphor associated with God, learn about the threefold nature of the trinity and their own ideas about a Christian God's character and qualities. The unit will include a mixture of art work, poetry, discussion and evaluation.

Why Christians believe Jesus was God on Earth.

Explore ideas of incarnation and the Messiah within the Gospels; read and evaluate religious texts; show how Christians put their beliefs about incarnation and Jesus on to practise.