



Year 5 Curriculum Overview Autumn Term

English

Reading

We will be learning the following:

- Learning how to give/explain the meaning of words in context
- Identifying/explaining how meaning is enhanced through choices of words and phrases
- Developing skills of drawing inferences by using clues in the text
- Use evidence from the text to support an answer

Fiction Writing

We will be learning the following:

- Innovate and invent a short story based on a warning tale.
- Plan writing a story from a different to create suspense.
- Share read 'Harry Potter' in order to write creatively about characters and settings.
- Write a Haiku Winter poem
- Share read 'Narnia' in order to write creatively about characters and settings and use dialogue to convey characters' speech.
- Incorporate sophisticated punctuation such as semi-colon and brackets.
- Use grammar techniques such as modal verbs, conjunctions and fronted adverbials within writing.
- Use editing techniques to improve and up-level work.

Non-Fiction Writing

We will be learning the following:

- Create an explanation text on how to use a 'Teacher pleaser machine'.
- Write a set of instructions to create a Christmas decoration using colons to create a list.

Spelling and Phonics

We will be learning about spellings with:

- (Y5) -cious, -tious and -ious endings, /i/ spelt with y, homophones and near homophones

TOPIC: Geography & History

Geography

Let's Go North and South

- Find the lines of longitude and latitude on a map, including the equator, Tropics of Cancer and Tropics of Capricorn.
- Learn about the Northern and Southern hemisphere
- Investigate the time zones around the world
- Research the world's different biomes.
- Look at the differences in climates around the world, give reasons for these differences and the effects these differences have on the environment.

History

What impact did the Romans have on Britain?

- Learn about Julius Caesar and the Roman Empire.
- Find out about successful invasions by Claudius and his conquests of Hadrian's Wall.
- Learn about Boudicca and British resistance.
- Investigate the Romanisation of Britain.

Science

'Properties and Changes of Materials'

We will be learning the following:

- Comparing and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity and response to magnets
- Giving reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials
- Understanding that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution
- Using knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating
- Explaining that some changes result in the formation of new materials, and that this kind of change is not usually reversible

Maths

Number and place value

- Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit.
- Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000.
- Interpret negative numbers in context, count forwards and backwards with positive and negative numbers.
- Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000.
- Solve number problems and practical problems.
- Read Roman numerals up to 1,000 (M).

Addition and Subtraction

- Add and subtract numbers mentally with increasingly large numbers & add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction).
- Use rounding to check answers to calculations.
- Solve multi-step problems.

Multiplication and Division

- Multiply and divide numbers mentally.
- Multiply and divide numbers by 10, 100 and 1,000.
- Identify multiples and factors, including finding all factor pairs of a number and common factors of two numbers.
- Recognise and use square and cube numbers
- Solve multi-step problems.
- Know and use the vocabulary of prime numbers up to 100, prime factors and composite numbers.

Fractions

- Compare and order fractions
- Identify, name and write equivalent fractions of a given fraction, represented visually including tenths and hundredths.
- Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements less than 1 as a mixed number
- Add and subtract fractions with the same denominator and denominator that are multiples of the same number.
- Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.
- Read and write decimal numbers as fractions
- Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.



Physical Education

In P.E. we will be learning the following:

- Develop our balance, flexibility, strength and technique through gymnastics. Use equipment such as the vault and springboard to show movement across a space.
- Dribble a ball with control, change in direction and speed. Passing and retrieve balls with accuracy over a range of distances. Working as a team to invade others by using block tackling.

Music

In **Music** we will be learning the following:

- Exploring and composing rhythmic patterns. Using different parts of the body to create different sounds and change between them to create a beat/rhythm to perform.
- Learn and perform a song.

Spanish

In **Spanish** we will be learning the following::

- The names of different sports and how to ask and answer questions about what sports they do.
- How to express opinions about sports.
- Will learn about nouns for different sporting equipment and use these to write in more detail.

Computing

In **COMPUTING** we will be learning the following:

- E-safety – Agree class internet rules based on personal responsibilities
- Computing systems & networks - recognising IT systems around us and how they allow us to search the internet
- Creating media – Planning, capturing and editing video to produce a short film

R.E.

In **R.E.** we will be looking at the following:

- Christianity with a focus on Christmas.
- How Christians view Jesus and what he symbolises.
- How Christians express their beliefs.
- Recognising and explaining the impact of beliefs and ultimate questions on individuals and communities.

PSHE

In **PSHE** we will be learning the following:

- Being me in my world - Responsibilities as a citizen of the UK and how my behaviours impacts on groups.
- Celebrating difference - Understanding of culture and cultural differences.

Art

In **Art** we will be learning the following:

- Looking at abstract art with an artist study on Pablo Picasso.
- Creating sketched portraits using this style.
- Using collage to create 3D portraits in the style of Picasso.
- Use watercolours to create a Winter mountainous scene from Namia

Design Technology

In **Design Technology** we will be learning the following:

- Combining different fabric shapes
- Using a range of stitches to produce a Christmas decoration

Trips and Visits

We are currently investigating a Roman trip for this term but are awaiting further details. Rest assured, we will be in contact soon!

