



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.
- Invent and write a story 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 a 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 explain how to ride a broomstick 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: How did the Vikings and Anglo-Saxons keep control of Britain?

- Britain's settlement by Anglo-Saxons, Vikings and Scots.
- The similarities and differences between some people, events and artefacts studied.
- Choosing reliable sources of information to find out about the past.
- Describing how historical events studied affect/influence life today.
- Ordering significant events, movements and dates on a timeline.

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:

Games—Invasion

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.

Dance

Perform dances using a range of movement patterns.

Music

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

- Rock Anthems (Livin' on a Prayer)
- Musical style of Bossa Nova (Classroom Jazz)

Spanish

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

- To say and write the nouns for different sports.
- To ask and answer questions about what sports we do or play.
- To write sentences about sports we do.
- To give our opinions of different sports.
- That nouns have a gender and how to use definite and indefinite articles accurately.
- How to use a bilingual dictionary.

Computing

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

- E-safety – Self-image and identity & Online Relationships
- 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 impact 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

Somerset Rural Life Museum—Anglo-Saxon & Viking Workshop

History comes alive with this brilliant interactive experience. They will discover King Alfred and his defence against the Vikings, become a Saxon warrior and take part in a fierce battle re-enactment. They will learn about how ordinary people lived, explore the museum collections and make their very own Anglo-Saxon objects.

