



Curriculum Map: Why is climate important?



Geography

As Geographers this half term, the children will learn the difference between climate and weather and locate different climate zones around the world. They will identify different biomes on a map, explain biome characteristics, and explore the relationship between climate and biomes.

Outdoor learning

We will complete some of our science investigations outside linked to states of matter, water, the water cycle and evaporation. We will explore our own locality to identify the type of biome we live – linked to work in Geography.

Music

As musicians, we will learn more about recognising different sounds, playing and performing parts with an increasing number of notes and composing joining layers of sounds.

Spanish

This half term we will cover the theme 'Family'. We will learn to share information such as identifying the members of our family, including reading and writing short phrases.

Science

The science topic this term is 'States of Matter.' As Scientists, the children will investigate and classify solids, liquids and gases. They will explore the part played by evaporation and condensation in the water cycle and investigate how the rate of evaporation is linked to temperature. The children will plan scientific enquiries to investigate how materials change state when they are heated/cooled.

PSHE & RSE

Our focus this half term is 'Keeping/Staying Safe.' The children will identify strategies we can use to keep ourselves and others safe. We will learn to recognise the impact and possible consequences of an accident or incident. The children will learn to recognise different danger signs and their purpose.

British Values

Our British Values are linked to our classroom rules. This half term we will continue to explore the value of 'Rule of Law', the children will learn about the purpose of rules and laws, thinking about how they help keep us safe and how we are treated fairly.

Homework

- Reading – Children will always have a reading book to read at home with an adult.
- Homework – spellings and times tables will be uploaded to Tapestry on a Friday and will be tested on the following Friday.

RE

During this term we will be learning about Islam. As Explorers of belief, the children will explore the concept of 'Gospel' as the story of the life and teaching of Jesus and make links between Bible texts and this concept. They explore links between some of Jesus' teachings about how to live, and life in the world today. This half term we will be celebrating all of our Christian Core Values from this year.

Computing

The children will learn more about programming, creating a program to move a 'sprite' in four directions. They will adapt their own program by adding additional features and explore how to identify and fix bugs within a program.

Art and Design

As artists, the children will explore prints by a range of artists. They will learn to extend their drawing skills through exploring scale and proportion. They will create printing blocks using an image from their work and create a complex repeating pattern.

PE

As athletes, the children will learn to send and receive balls with developing accuracy and control as well as defending and intercepting tactics through Tag Rugby. In athletics, they will develop jumping techniques for distance and height, throw for accuracy and distance and develop techniques for sprinting and running for distance.



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Basic skills in Literacy

- Write sentences that are grammatically accurate, e.g. we were instead of we was.
- Proof read to check for sense, spellings and punctuation.
- Spell further homophones e.g. weather/whether, medal/meddle etc.
- Apply learnt spelling patterns in their writing.
- Extend the use of conjunctions throughout writing.
- Punctuate sentences accurately with capital letters, full stops, question marks, exclamation marks, commas, apostrophes, inverted commas.

Basic skills in Maths

- Count on and back in multiples of 6s, 7s and 9s.
- Know by heart addition and subtraction facts to 20.
- Use mental calculation strategies to add and subtract 2-digit numbers up to 100
- Add and subtract 1, 10 or 100 to/from 3-digit and 4-digit numbers.
- Know by heart the 6, 7 and 9 times tables.

Literacy:

Writing Skills

Stories which raise issues or dilemmas

- Develop issue or dilemma in narrative writing.
- Use a range of fronted adverbials.
- Explore, identify and create complex sentences using a range of conjunctions.
- Choose and use ambitious vocabulary throughout their writing.
- Improve writing from self and peer assessment.

Poetry appreciation

- Use similes, metaphors and personification where appropriate.
- Use ambitious vocabulary to engage the reader.
- Use knowledge of root words to apply prefixes and suffixes.
- Suggest the effectiveness of their own others' writing and suggest improvements.

Reading Skills

- Read and perform a range of different poems, e.g. narrative, shape etc.
- Explain their understanding of what they have read through discussion/debate.
- Discuss how authors express different moods, feelings and attitudes to create mood and build tension.
- Demonstrate active reading strategies e.g. generating questions, refining answers, refining thinking, modifying questions, constructing images.

Maths:

Statistics:

- Interpret and present data in bar graphs and pictograms
- Begin to interpret and present data in a line graph. (Y4)
- Solve 1-step and 2-step problems.

Measurement:

- Tell the time to the nearest minute on a 12 hr clock. (Y3)
- Read and convert between analogue and digital 12 hr and 24 hr clocks. (Y4)
- Solve problems relating to the duration of time.

Fractions (Y3):

- Add and subtract fractions.
- Solve problems involving fractions.

Money (Y4):

- Estimate, compare and calculate money in pounds and pence.

Addition and subtraction:

- Choosing and using efficient calculation strategies.
- Estimating answers.
- Using strategies to check answers.

Multiplication and division:

- Multiply and divide a 2-digit number by a 1-digit number using formal written methods. (Y4 3-digit numbers.)
- Complete scaling and correspondence problems.