



## 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.

### Music

As musicians, we will learn more about musical styles, singing a widening range of unison songs of varying styles and structures. They will create a melody using crotchets, minims and quavers.

### Spanish

This half term we will cover the theme 'Presenting Myself'. We will learn to share information about ourselves such as our name, age, where we live and our nationality.

### 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 'Money and Work.' They will learn about how the choices of spending and saving money can be influenced by/have an impact on other people. They will learn about the role of a bank and why people use a bank account. They will discuss jobs they can do to earn money.

### British Values

Our British Values are linked to our classroom rules. This half term we will continue to explore the value of 'Democracy' as 'rule by the people'. In a democracy, like the UK, the people elect the government and have a say in how it is run.

### Homework

- Reading – Chn 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. Our Christian Core Value is 'Justice'.

### Computing

The children will learn more about desktop publishing, learning how to add and alter text and images. They will explore how to use different page settings and how different layouts can be suited to different purposes.

### Art and Design

As artists, the children will explore prints by a range of artists. They will learn 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 batting techniques through Kwik Cricket. They will refine their throwing and catching skills using a tennis ball and how these skills can be applied through fielding. They will develop team building and problem solving skills through outdoor and adventurous activities.



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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.
- 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

##### Story with a historical setting

- Develop settings, characters and plot in narrative writing.
- Use fronted adverbials.
- Recognise and use simple, compound and complex sentences.
- Use a range of conjunctions to begin subordinate clauses, e.g. before, after, although etc.
- Use and punctuate direct speech with inverted commas.
- Proof read, edit and suggest improvements to their writing.

#### Reading Skills

- Use punctuation to determine intonation and expression when reading aloud.
- Identify the main ideas from several paragraphs and summarise these.
- Discuss different points of view in a text.
- Discuss the author's choice of language to create mood and build tension.
- Pull together clues from action, dialogue and description to infer meaning.
- Justify responses using evidence from the text.

### Maths:

#### Number and place value:

- Partition 3 & 4-digit numbers in different ways.
- Identify, represent and estimate numbers in different representations on marked and blank number lines.
- Y4: Round 3 & 4-digit numbers to the nearest 10, 100 and 1000.

#### Addition and subtraction:

- Add two, 3-digit numbers (Y3) and 4-digit numbers (Y4) using column addition.
- Subtract 3-digit numbers (Y3) and 4-digit numbers (Y4) using column subtraction.
- Estimate the answer to a calculation and use the inverse to check answers.

#### Multiplication and division:

- Use the formal calculation method to multiply a 2-digit number then a 3-digit number by a single digit.
- Use the formal written method to divide a 2-digit number then a 3-digit number by a 1-digit number.
- Estimate and use the inverse operation to check answers.

#### Fractions:

- Find equivalent fractions.
- Place fractions on a number line.
- Add and subtract fractions with the same denominator.
- Y4: Compare and order decimal numbers, round decimals.