



## Curriculum Map: What would win in a battle of the natural forces?



### Geography

As Geographers, the children will investigate how and why volcanoes and earthquakes happen linked to the theory of plate tectonics. This will lead to exploring the distribution of volcanoes and earthquakes including the 'Pacific Ring of Fire' and its impact on the world.

### Outdoor learning

To link with our work in Science and Art, we will explore the types of plants we have in our outdoor environment, conduct surveys, examine plants carefully using magnifying glasses and complete observational drawings of plants.

### 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 'In the Classroom'. We will continue to learn to say, read and write new vocabulary, including how to say what we have/don't have in our pencil case.

### Science

The science topic this half term is 'Plants'. As Scientists, the children will identify and describe the functions of different parts of flowering plants and how some of these parts play a role in the life cycle of plants, including pollination, seed formation and seed dispersal. They will plan their own investigations to learn the requirements for plants for life and growth as well as how water is transported within plants.

### 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 '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.
- Times tables – weekly to practice via Tapestry, times table sheets will also be handed out.

### RE

During this half term we will investigate, 'How and why do people mark the significant events of life?' We will explore this from the beliefs in different religions and from non-religious views, e.g. Humanism, learning about the meaning and importance of ceremonies of commitment across the different beliefs. We will discuss whether it is good to see life as a journey and to mark milestones.

Our Core Value this half term is Justice.

### Computing

The children will learn more about E Safety, thinking about age restrictions for social media apps and the benefits and disadvantages of social media. They explore the reliability of websites and why it is important to be cautious when using the internet.

### Art and Design

As artists, the children will learn how to do observational drawings of plants and how plants are represented in art, especially in the work of Georgia O'Keefe. They will learn different painting techniques and styles and how colour is used to represent/reflect mood/feelings.

### 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

- Continue to compose and rehearse sentences orally before writing them down.
- Write sentences that are grammatically accurate, e.g. we did instead of I done.
- Proof read to check for sense, spellings and punctuation.
- Apply learnt spelling patterns in their writing.
- Write complex sentences using a range of conjunctions.
- 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 8s.
- Know by heart addition and subtraction facts to 20.
- Derive doubles of whole numbers and their corresponding halves.
- Add and subtract 1, 10 or 100 to/from 3-digit and 4-digit numbers.
- Know by heart the 6, 7, 8 and 9 times tables.

### English: Writing Skills

#### Narrative

- Create settings, characters and plot in writing.
- Use fronted adverbials to state the when, where or how something happened.
- Use a comma after fronted adverbials.
- Use conjunctions to express time, place or cause e.g. when, before, after, while etc.
- Use inverted commas and other punctuation to indicate direct speech.
- Start a new line for new speech.
- Proof read, edit and suggest improvements to their writing.
- Suggest the effectiveness of their own others' writing and suggest improvements.

#### Reading Skills

- Identify main ideas drawn from more than one paragraph and summarise these.
- Discuss the author's choice of language to create mood and build tension.
- Identify and discuss different points of view in a text.
- Justify own responses using evidence from the text.
- Pull together clues from action, dialogue and description to infer meaning verbally and in written form.
- Explain and discuss their understanding of what they have read, including through discussion and debates.

### 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.
- Round 3 & 4-digit numbers to the nearest 10, 100 and 1000 (Y4).

#### 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.
- Use the inverse operation to check answers.
- Using efficient calculation methods.

#### 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.
- Use inverse operations to check answers.

#### Fractions:

- Find fractions equivalent to  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{1}{3}$  (Y3).
- Compare and order fractions.
- Add and subtract fractions.
- Compare and order decimals. (Y4)

#### Properties of Shape

- Describe, make and classify 3D shapes. (Y3)
- Complete symmetric figures. (Y4)