

Year 5 Topics for Spring 1

English

The children will be **writing**:

- An account from a different viewpoint based on “The Highway Man”
- A letter of advice based on the book ‘Orange in no man’s land’

Their writing will include opportunities to:

- Describe settings, characters and atmosphere
- Choose appropriate register for audience and purpose (formal or informal)
- Use figurative language such as similes, alliteration, metaphors and personification.
- Link ideas across paragraphs using adverbials of time, place and number.
- Use a wide range of clause structures within sentences.
- Use the perfect form of verbs to mark relationships of time and cause.
- Use modal verbs or adverbs to indicate degrees of possibility.
- Ensure consistent and correct use of tense.

In **reading**, the children will be learning to:

- Explain and discuss their understanding of what they have read through formal presentations and debates.
- Identify main ideas drawn from more than one paragraph identifying the key details that support the main ideas.
- Extract information and make notes using quotations and reference to the text.
- Identify and explain the author’s point of view with reference to the text.
- Make links between the authors’ use of language and the inferences drawn.
- Discuss and evaluate the intended impact of the language used with reference to the text.
- Discuss and evaluate how authors use language, including figurative language, considering the impact on the reader.

Maths (this will be taught over the whole of the Spring Term)

- Interpret negative numbers in context and count forwards and backwards with positive and negative whole numbers through zero.
- Formal subtraction and addition of numbers with more than 4 digits.
- Know and use the vocabulary of prime numbers, prime factors and composite numbers.
- Formal multiplication of 4-digit numbers by 2-digit numbers.
- Recognise and use square numbers.
- Add and subtract fractions with the same denominator and multiples of the same number.
- Read and write decimal numbers as fractions.
- Round decimals with 2 decimal places to the nearest whole number and to one decimal place.
- Use all 4 operations to solve problems involving measure using decimal notation including scaling.
- Draw given angles and measure them in degrees.
- Know angles at a point on a straight line total 180 degrees.

Science:

Properties and Changes of Materials

In this topic, the children will be learning about materials and how they change. First they will test properties of materials, before looking at how materials dissolve, what a solution is, and evaporation. Finally, the children will compare reversible and irreversible changes.

Computing:

Scratch

RE:

The children will be explaining their own response to Umma and to the idea of community.

DT:

This term, the children will be making a phone case made from felt. They will be looking into different stitches and how to develop their designs.

They will also be learning about healthy eating and the different nutrients food gives them.

PSHE:

The children will be looking at their local community and what it means to them. They will do this whilst partaking in class debates on how you can look after their community and its environment.

PE:

Gymnastics, Invasion Games, Hockey, Football, Handball, Tag Rugby

Within class taught PE, the children will be learning how to combine balance and movement to play various sports.