

LITERACY

Reading

This term, we will be reading the autobiography 'Boy' by Roald Dahl, which will compliment one of our text topics.

Our classroom focus will be on skills and strategies to develop a gaining a deeper comprehension and inference from texts, and how to accurately answer comprehension questions.

Writing

During the term, we will be writing auto/biographies, persuasive texts and discussions. These will often be linked to our history and geography topics. We will be focusing on using a wider range of ways to create a flow within and between paragraphs and editing our writing on a word, sentence and text level.

Vocabulary, Grammar and punctuation

We will be learning how to use: the perfect form of verbs to mark relationships of time and cause, using semicolons, colons or dashes to mark boundaries between independent clauses and modal verbs to indicate degrees of possibility.

HISTORY and GEOGRAPHY

This term, we will be studying Climates and Biomes and Early Civilisations. This will include learning about ecosystems, environmental impact and climate change in Geography; and life and early traditions and their impact on modern society in History. Skills covered will include comparing and debating the reliability of sources, compiling different sources of information to recreate life in the period studied and comparing in history and research and analysis of physical processes in Geography.

ART and DESIGN TECHNOLOGY

This term we will be learning about Van Gogh, specifically colour, line and emotion. We will be practicing skills of drawing painting and string sculpture in order to create landscape paintings in the style of 'Starry Night'.

R.E. and PSHCE

As part of the PHSCE in year 6, we will be continuing to support the classes throughout the school. In the second half of the term, we will be participating in a whole days project about Easter, run by 'The Bridge'.

Year 6 Topic planner
Spring Term 2016

BIOMES

SCIENCE

In the first half of the term, our Science topic will be 'Changing Materials'. We will be investigating soluble and insoluble materials, separating materials, oxidation and Chemistry in the kitchen. This will include developing skills in planning, recording and presenting findings.

In the second half of the term, we will be studying animals including humans. This will involve investigating identifying and naming the main parts of the human circulatory system; describing the functions of the heart, blood vessels and blood; recognizing the impact of diet, exercise, drugs and lifestyle exercise on the body; and describing how nutrients and water are transported within animals including humans. This will include developing skills in measuring and recording and identifying evidence to support or contradict ideas.

NUMERACY

Over the course of the spring term, we will be continuing to develop and consolidate areas of maths including:

* **position and transformation** translating and reflecting shapes, describing shapes in all 4 quadrants and calculating unknown angles in any triangle, quadrilateral and regular polygon

* **measure**

calculating the area of triangles, parallelograms and the relationships between area and perimeter; understanding the radius and circumference of a circle; calculating the volume of cubes, cuboids bonus pariuri sportive and 3D shapes and using equations to calculate area, perimeter and volume

* **ratio and proportion**

understand the difference between ratio and proportion, calculate ratio and proportion using known multiplication and division facts

* **algebra**

expressing missing number problems algebraically, solving unknown number sentences, giving all possibilities from two variables.

We will also be revising and returning to number and calculation (long division and multiplication, percentages, decimals, mental addition and subtraction, factors, prime numbers etc) to help prepare us for formal assessments later in the year and the transfer to secondary school.

