

Curriculum Overview for Year 5 – Spring 2019 - 2020

English

Writing objectives:

- In narratives, describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action.
- Selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning.
- Using a wide range of devices to build cohesion within and across paragraphs
- Using further organisational and presentational devices to structure text and to guide the reader
- Noting and developing initial ideas, drawing on reading and research where necessary
- Assessing the effectiveness of their own and others' writing.

Reading objectives:

- Explain the meaning of words in context.
- Retrieve and record information from fiction and non-fiction texts.
- Summarise main ideas from more than one paragraph.
- Make inferences from a text.
- To predict what might happen from details stated and implied
- To identify and explain how information and narrative content is related and contributes to meaning as a whole
- To identify and explain how meaning is enhanced through choice of words and phrases

Blast Off!

How did the Ancient Greeks influence our modern day world? Who first discovered the Earth was round? How did the constellations help the Greeks?

Delve into our Solar System and discover all about the planets and our universe.

History

Learn the chronology of Ancient Greece and understand how the Empire was established. Recognise the importance of religion to the Greeks. Discuss and research how we know about the ancient Greeks.

Mathematics

- compare and order fractions whose denominators are all multiples of the same number
- recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number [for example, $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$]
- add and subtract fractions with the same denominator and denominators that are multiples of the same number
- multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams
- recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents
- round decimals with two decimal places to the nearest whole number and to one decimal place
- read, write, order and compare numbers with up to three decimal places
- solve problems involving number up to three decimal places
- recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal
- convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre)
- measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres
- calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm^2) and square metres (m^2) and estimate the area of irregular shapes
- estimate volume [for example, using 1 cm^3 blocks to build cuboids (including cubes)] and capacity [for example, using water]
- solve problems involving converting between units of time

Art

To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials such as papier mache. To experiment with different materials to create 3D art.

Music

Pupils will be learning to play the dhol drum with an external music teacher.

PE

Travel demonstrating a variety of levels, low /medium / high and speeds while using different body parts. Demonstrate a range of shapes during flight. Understand and demonstrate counter balance. Explore apparatus including the wall mounted apparatus. Develop simple sequence that include performing shapes and balances accurately.

RE

To understand the need for being open, honest and truthful and learn how the Bible is a source of truth for Christians. To understand the value of reflection and meditation. To become more aware of the need for social interaction and social responsibility and how individuals influence the nature of society.

Science

Earth and Space:

- Explain how the solar system was formed
- Research and compare planets of the solar system
- Compare sizes of the planets
- Explain how day and night are caused
- Explain how the moon moves
- Recognise how the moon's appearance changes

PSHE and Citizenship

Dreams and goals:

- To identify jobs I would like to do and the motivation to achieve this.
- To aspire to meet my goals.

Healthy me:

- To know the risks associated with cigarettes and alcohol.
- To know how to follow a healthy lifestyle through exercise and diet.

Design and Technology

To design and create a moving model, incorporating pulleys systems, wheels and electrical circuits.

Geography

To identify latitude, longitude and the equator. Recognise different time zones and the reasons why these exist. To explore difference in temperature and climate across two countries. To use mapping skills effectively to identify contours.