

History

Significant individuals Isaac Newton, Galileo Galilei, Black History Month

Art

Artist study of Van Gogh, exploring techniques including 'impasto', creating a 'Starry Night' composition

Religious Education

Theme: Prayer and Worship **Religion:** Hinduism

Key Question: What is the best way for a Hindu to show commitment to God?

English

Key Text: Cosmic by Frank Cottrell Boyce

Writing Outcomes:

- Narrative diary writing (fiction)
 - Non-chronological report about the Planets of our Solar System (non-fiction)
- Pupils will be taught to;
- Plan ,draft, evaluate and edit their writing, to write for purpose, to orally plan their writing
 - To recognise and use conventions of writing in the first person and writing information text
 - To use cursive handwriting
 - To use increasingly rich and varied vocabulary fit for purpose

Science

Earth and space

- Describe the movement of the Earth and other planets relative to the sun in the solar system
- Describe the movement of the moon relative to the Earth
- Describe the sun, Earth and moon as approximately spherical bodies
- Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky



Year 5 Autumn 1

Curriculum Topic Overview



Memorable Experience

Wonderdome Planetarium

Computing

Coding

PE

Swimming & Personal skills development within 'Real PE'

PSHRE (Personal, Social, Health, Relationships and Economic Education)

Being in my world: My year ahead, Being a citizen of my country, Year 5 responsibilities, Rewards and consequences, Our learning charter. Contribute towards the class journal.

Maths

Number & Place Value

- read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit
- count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000
- interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through 0
- round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000
- solve number problems and practical problems that involve all of the above
- read Roman numerals to 1,000 (M) and recognise years written in Roman numerals

Addition & Subtraction

- add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)
- add and subtract numbers mentally with increasingly large numbers
- use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy
- solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why

Statistics

- solve comparison, sum and difference problems using information presented in a line graph
- complete, read and interpret information in tables, including timetables