

English

Year 5

- Narrative writing based on Time Travelling with a Hamster by Ross Welford
- Other space/time-travel related texts and film clips
- Explanation texts
- Grammar – parenthesis, expanded noun phrases
- Spelling – word origins/etymology, homophones, unusual word endings

Year 6

- Balanced argument, report writing and narrative within context of Time Travelling with a Hamster. Information texts based on non-fiction space exploration texts.
- Grammar – passive voice, subjunctive, formal and informal registers
- Spelling – writing homophones in context

Music

- Whole class compositions and choral singing
- Study and appraisal of Holst 'Planets'

Art

- Studying and imitating Surrealism

History

- History of Spaceflight and Inventors
- Astronomy and Navigation
- Significant individuals: Neil Armstrong, Helen Sharman, Tim Peake
- Significant inventions: Channel Tunnel, drones, driverless cars

Geography

- Physical and human geography of the Earth, making comparisons with other planets
- Longitude / Latitude

Computing

Year 5

- Intro to Scratch
- Data logging

Year 6

- Scratch – making a maze
- Databases (excel formulas)

Maths

Year 5

- Multiplication and division (formal written methods)
- Fractions, Decimals and Percentages

Year 6

- Decimals – multiplying, dividing. Expressing decimals as fractions.
- Algebra – using simple formulae, describe linear sequences, finding pairs of numbers that satisfy an equation with an unknown.

Science

Earth and Space

- movement, shape and sizes of the Earth, Sun and Moon
- Solar system
- Human exploration

Forces

- Gravity, air resistance, water resistance and friction
- Balanced and unbalanced forces
- Investigate mechanisms and levers, pulleys and gears

SMSC/PSHE

- Values – Collaboration and Hope
- Inventions and quality of life

DT

- Constructing mechanical toys (using cams)

RE

- What does it mean to be a Muslim in Britain today?



NB: This is a summary of the areas to be covered and teachers may choose to change aspects of the plan during the topic.

