

History & Science Focus

Autumn Term 2017 14 weeks

A theme encompassing:

- exploration of our solar system and beyond;
- building electrical circuits and a vehicle chassis for a moving model;
- the exploration of a variety of **non-fiction** and **fiction texts** around the theme of World War 2.

ART and DESIGN – chalk pastel techniques to create a collaborative art display based around the theory of the 'Big Bang'.

ENGLISH

WRITING: Narrative writing; experimenting with 1st and 3rd person writing.

- using direct and reported speech;
- selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning;
- in narratives, describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action.

READING:

Children will:

- discuss and evaluate how authors use language, including figurative language, considering the impact on the reader;
- distinguish between statements of fact and opinion;
- retrieve, record and present information from non-fiction;
- participate in discussions about books that are read to them and those they can read for themselves, building on their own and others' ideas, challenging views courteously.

MATHS

Number – place value in numbers up to 1 million, Roman numerals to 1 thousand; factor pairs and common factors;

Measurement - convert between different units of metric measure (link to planets distances / diameters and D&T moon buggy construction);

Geometry – angles and shapes

Calculation – column addition and subtraction using numbers of more than 4 digits in context; long multiplication and short division;

Statistics - Solve comparison, sum and difference problems using information presented in a line graph.

OTHER CURRICULUM LINKS

Computer Coding - Design and write programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.

Wellbeing – Yoga and PSHCE with orange class partners.

MFL – To read, write and speak some basic French confidently building on last year's learning.

Music – Livin' on a Prayer: melody, rhythm, singing together and in parts, using percussion.

D&T – electrical circuits and building a moving model. Design and build a moon buggy / tank. Use tools safely: hacksaw, glue guns.

TEXT/RESOURCES

Variety of age appropriate websites for Earth and space, World War 2 research.

Night of the Gargoyles
Eve Bunting

Goodnight Mr Tom
Michelle Magorian

The Little Ships Louise Borden

Waiting for Anya
Michael Morpurgo

Variety of non-fiction books related to Earth and space, World War 2.

All underpinned with improving social and communication skills – listening, being kind and supportive of each other.

PE – Hockey; Squash / Racket Skills

- choose and use skills which meet the specific needs of an invasion game: passing, receiving, dribbling and shooting;
- understand how a team can retain possession and find ways to progress towards an opponent's goal;
- know how to mark effectively and defend a goal; find and use space to help their team.
- improve racket skills and forehand and backhand shots.

HISTORY – World War 2

- understand historical concepts such as continuity and change, cause and consequence, similarity, difference and significance;
- understand the key events that led to the beginning of World War 2;
- be able to talk about some of the main events, e.g. the Battle of Britain, the Blitz, Operation Dynamo;
- understand the impact on Britain and other countries.

SCIENCE – Earth and Space; Electricity

- planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary;
- reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms;
- taking measurements, using a range of scientific equipment with increasing accuracy and precision.