

English

Use 'Holes' by Louis Sachar to strengthen vocabulary and reading skills for both fiction and non-fiction writing. To become familiar with how authors handle time: e.g flashbacks, stories within stories and dreams.

Writing poetry using 'Cosmic Disco' by Grace Nicols as a stimulus.

Film week focus : use this year's film to write film reviews and missing scenes.

Use 'Floodlands' novel by Marcus Sedgwick to develop comprehension skills, narrative writing and explanation texts.

Watch 'Home Alone' and engage with the multi-media to write in a broad range of styles. To use relative clauses, devices to build cohesion and parenthesis.

History

Who were The Anglo-Saxons and The Scots?

Learn why, where and when the Scots and Anglo-Saxons invaded. Britain, what can be learnt about them from the Sutton Hoo burial and all about Saxon Britain.

Maths

Angles- Recognise acute, obtuse and right angles.

Position and direction- To read and plot coordinates on a graph.

Number and Fractions

Recognise and write decimal equivalents of any number of tenths or hundredths. Find the effect of dividing a one- or two-digit number by 10 and 100. Round decimals with one decimal place to the nearest whole number.

Solve problems involving fractions and decimals to two decimal places.

Multiplication and division

To become competent in multiplying and dividing numbers up to 4 digits by a one or two digit number, using short multiplication, long multiplication and short division. Recalling of times table facts and relating division facts to 12×12 .

DT: Moving Toys

Children will investigate toys with moving cam mechanisms. They will look at cam mechanisms and construction: They will design a toy that includes a cam mechanism in its design.

Computing

Coding: Explore program design and put computational thinking into practice.

Touch Typing: practise quick and efficient typing on a number of word processing documents.

Spreadsheets: Create and use a range of spreadsheets to calculate a range of more complex problems using the correct tools.

Online safety: Children protect themselves when working on a digital device and online.

Year 5 Autumn Term 2022



Art and Design

Mastery of Art

Drawing skills and shading. Space and Solar System. Artist studies: **David Hardy** with space and Salvador Dali with surrealism.

RE – What does it mean if Christians believe that God is loving and Holy?

PSHE – Health and Wellbeing: healthy lifestyles, growing and changing and keeping safe.

Geography

Mountains

Children will become aware of: - the names and locations of the world's principal mountains, volcanoes and areas at risk from earthquakes; the main features and types of mountains; how some people have adapted to life in mountainous areas.

Science

Earth and Space

Describe the movement of the Earth, moon and other planets.

Describe the sun, Earth and moon as approximately spherical bodies. Use the idea of the Earth's rotation to explain day and night.

Forces

Explain that unsupported objects fall towards the Earth because of the force of gravity.

Identify the effects of air resistance, water resistance and friction.

Super scientists

Galileo, Aristotle, Newton.

Music

Appreciate and understand music drawn from different traditions and from great composers and musicians for example Gustav Holst - *The Planets*.

PE

Balancing skills

Jumping and landing skills. Persevere with a task and improve performances through regular practice. Recognise strengths and weaknesses and set appropriate personal targets.

Personal skills

Sending and receiving skills. Children to persevere with tasks and improve performances through regular practice, coping well and acting positively when things become difficult.

Languages

On Holiday

Looking at countries, accommodation and places to visit (the park, the zoo and the beach).

Eating Out

Ordering food in a café or restaurant and asking how much things cost. Links to Maths – introducing weights (for food) and recapping money (€) and numbers.