

English

Author Study:
Roald Dahl.

Biographies linked to the life of Roald Dahl: 'Boy' and 'Going Solo'.

Poetry (Grace Nichols Cosmic Disco).

Guided Reading: Roald Dahl's Revolting Rhymes.

'Floodlands' novel by Marcus Sedgwick: exploring a range of writing genres through the text.

'Diary of a Wimpy Kid' series by Jeff Kinney (link with film week and 10th anniversary): exploring a range of writing genres through the film.

'The Princess' Blankets' by Carol Ann Duffy: using an alternative fairy tale as a stimulus for writing.

Languages

French - Food

Learn to read, recognise and pronounce key words, for example: la fraise, le fromage, la banana, les carottes, le pain, la soupe.

European Languages Day

Sweden: geography, culture, food, key phrases.

Maths

Place Value: read, write, order and compare numbers up to one million.

Addition and subtraction: written methods and problem solving - numbers with more than 4 digits.

Multiplication and division: prime numbers to 100; square and cube numbers; multiply and divide by 10, 100 and 1000.

Times tables, including all factors and multiples up to 12x12.

Statistics: line graphs and tables.

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.

History

Anglo-Saxons-Vikings

Viking raids and invasion.

Resistance by Alfred the Great and Athelstan, first king of England.

Further Viking invasions and Danegeld.

Anglo-Saxon laws and justice.

Edward the Confessor and his death in 1066.

Year 5 Autumn Term Reach for the Stars!



Geography Settlements

Human geography, including: types of settlement and land use, economic activity.

Atlas work

Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.

Computing

We are game developers

Planning, writing and testing computer programs for digital devices, from floor turtles to tablets.

We are cryptographers

Some of the computer science foundations – particularly algorithms, logical reasoning and decomposing problems into smaller parts.

DT

Anglo-Saxon houses/Viking Longboats

Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups.

Select from and use a wider range of tools and equipment to perform practical tasks.

RE/PSHE/British Values

Comparative Religions - Hinduism, including Diwali.
Northern Saints: Bede, Biscop, Cuthbert and Aiden.
Respecting each other, empathy, tolerance of those with different faiths and beliefs.

PE

Invasion games

Play competitive games, e.g. football, netball and basketball, modified where appropriate, and apply basic principles suitable for attacking and defending.

Swimming

Use a range of strokes effectively, e.g. front crawl, backstroke and breaststroke.

Music

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

Play and perform in solo and ensemble contexts, using their voices and playing instruments.

Art and Design

Mastery of Art

Drawing skills and shading. Space and Solar System art. Stained glass windows relating to Anglo Saxons and St Peters Church Monkwearmouth.