

Year 5 Summer Overview

English

> RWI Spelling

> Hansel and Gretel by Neil Gaiman

Writing Outcomes: Dual Narrative and Persuasive Letters

> Shackleton 's journey by William Grill

Writing Outcomes: Endurance Narrative and Magazine Article

Within each of the units, we will learn about a range of sentence styles including those with varied punctuation.

Maths

> Shape

Understand and use degrees

Classify angles

Estimate angles

Measure angles up to 180°

Draw lines and angles accurately

Calculate angles around a point

Calculate angles on a straight line

Lengths and angles in shapes

Regular and irregular polygons

3-D shapes

> Position and Direction

Read and plot coordinates

Problem solving with coordinates

Translation

Translation with coordinates

Lines of symmetry

Reflection in horizontal and vertical lines

> Decimals

Use known facts to add and subtract decimals within 1

Complements to 1

Maths Continued

Add and subtract decimals across 1

Add decimals with the same number of decimal places

Subtract decimals with the same number of decimal places

Add decimals with different numbers of decimal places

Subtract decimals with different numbers of decimal places

Efficient strategies for adding and subtracting decimals

Decimal sequences

Multiply by 10, 100 and 1,000

Divide by 10, 100 and 1,000

Multiply and divide decimals - missing values

> Negative Numbers

Understand negative numbers

Count through zero in 1s

Count through zero in multiples

Compare and order negative numbers

Find the difference

Maths Continued

> Converting units

Kilograms and kilometres

Millimetres and millilitres

Convert units of length

Convert between metric and imperial units

Convert units of time

Calculate with time tables

> Volume

Cubic centimetres

Compare volume

Estimate volume

Estimate capacity

Science

> Animals including humans

- Identify the key stages of a mammal's life
- Explore the gestation period of mammals
- Learn about foetal development
- Investigate the hand span of differently aged children
- Learn the changes experienced in puberty

> Living things and their habitats

- Understand the life processes of a plant
- Understand the life cycles of mammals
- Compare the life cycles of insects and amphibians
- Understand the life cycle of birds and reptiles
- Know about the life and work of Jane Goodall and David Attenborough
- Research and present the life cycle of a creature

Art

> Exploring the work of Henry Moore.

- Control and use materials
- Drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay]
- Learn about great artists

RE

> Religion, Family and Community

How do different religions celebrate festivals?

- Analyse how diverse expressions of Christian worship can reinforce faith & belief.
- Describe three ways in which Muslim worship shows devotion to Allah making reference to life at home and in the mosque.
- Explain why the Qur'an is so important to Muslims.
- Analyse how the main features of a mosque explain Muslim key beliefs.
- Describe various forms of worship that happen in the Hindu Temple, including Puja.
- Outline some of the stories of Vishnu, Rama and Sita and explain their significance for a Hindu.
- Describe how and suggest why Hindus celebrate Diwali and Holi.

Computing

Programs—2DIY 3D

- 3D modelling

2Design and Make

Moving Points

Printing and Making

- Concept maps

Using 2Connect

2Connect Story Mode

- Word processing

Word document

Excel spreadsheet

PowerPoint

Creating slides

Editing Images in Word

Writing a Letter Using a Template

- Using external devices

Text functions with an external device

Purple Chip

Interacting with the 'real world'

History

> What was the impact of WW2 on the British people?

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- Why did Britain go to war in 1939?
- Who won the Battle of Britain?
- What do sources tell us about the Blitz?
- What was evacuation like for children?
- What impact did WW2 have on women's lives?
- Why did people migrate to Britain during and after World War 2?

Geography

> Can I carry out an independent field work study?

- Developing an enquiry question
- Creating data collection methods
- Mapping a route
- Collecting the data
- Analysing the data
- Presenting the data

PSHRE

> Digital Well-being

- Staying safe happy and healthy online
- Online relationships
- Social media
- Saying no to online bullying
- Fake news

> Growing Up

- Changing bodies
- Changing emotions
- Just the way you are
- Relationships

> Money Matters

- Looking after money
- Critical consumers
- Value for money and ethical spending
- Budgeting
- Borrowing and saving
- Spending money in the wider world

Music

Pupils will be partaking in drumming this term and will learn to play musically with increasing confidence and control.

- They will develop an understanding of musical composition, organising and manipulating ideas within musical structures and reproducing sounds from aural memory.
- Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression
- Listen with attention to detail and recall sounds with increasing aural memory
- Improvise and compose music for a range of purposes using the inter-related dimensions of music

MFL (French)

- Out of this world

Understanding information, naming planets,

- Going to the seaside

Understanding different nouns for the beach, creating different sentences

Design Technology

> Design and make a Ration cake

- To research rationed ingredients during WW2
- To understand the importance of food hygiene To know the different aspects of hygiene.
- To know the ingredients which were rationed
- To learn different recipes which were used during WW2
- To create a ration cake
- Evaluate cake based on design criteria, picking out good points and improvement point

PE

> Athletics

In this unit, pupils are set challenges for distance and time that involve using different styles and combinations of running, jumping and throwing. As in all athletic activities, pupils think about how to achieve their greatest possible speed, height, distance or accuracy and learn how to persevere to achieve their personal best. They learn how to improve by identifying areas of strength as well as areas to develop. Pupils are also given opportunities to lead when officiating as well as observe and provide feedback to others.

In this unit pupils learn the following athletic activities: long distance running, sprinting, relay, triple jump, shot put and javelin.

> Rounders and Cricket

In this unit pupils develop their understanding of the principles of striking and fielding. They expand on their knowledge of the different roles of bowler, wicket keeper, fielder and batter. In all games activities, pupils have to think about how they use skills, strategies and tactics to outwit the opposition. In cricket, pupils achieve this by striking a ball and trying to avoid fielders, so that they can run between wickets to score runs. Pupils are given opportunities to work in collaboration with others, play fairly demonstrating an understanding of the rules, as well as being respectful of the people they play with and against.

PE

In this unit pupils develop their understanding of the principles of striking and fielding. Pupils develop the quality and consistency of their fielding skills and understanding of when to use them such as throwing underarm and overarm, catching and retrieving a ball. They expand on their knowledge of how to play the different roles of bowler, back-stop, fielder and batter and to apply tactics in these positions. In all games activities, pupils have to think about how they use skills, strategies and tactics to outwit the opposition. Pupils work with a partner and group to organise and self-manage their own games