

Year 4 Autumn Overview

English

RWI Spelling

Spaceboy by David Walliams

- Writing Outcomes:
- flash back narrative
- setting description
- diary entry

Where We Once Stood by Christopher Riley and Martin Impey

Writing Outcomes:

- descriptive writing
- poetry
- non-chronological report

FaTHER by Grahame Baker-Smith

Writing outcomes:

- setting narrative,
- poetry
- letter
- diary entry

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

Maths

Place Value

- Representing numbers to 1,000, 10,000
- Partitioning numbers to 1,000, 10,000
- Number lines to 1,000, 10,000
- Thousands
- Flexible partitioning of numbers to 10,000
- Find 1, 10, 100, 1,000 more or less
- Estimate on a number line to 10,000
- Compare numbers to 10,000
- Order numbers to 10,000
- Roman numerals

Addition & Subtraction

- Add and subtract 1s, 10s, 100s and 1,000s
- Add up to two 4-digit numbers—no exchange
- Add two 4-digit numbers—one exchange
- Add two 4-digit numbers—more than one exchange
- Subtract to two 4-digit numbers—no exchange
- Subtract two 4-digit numbers—one exchange
- Subtract two 4-digit numbers—more than one exchange
- Efficient subtraction
- Estimate answers
- Checking strategies

Maths Continued

Area

- What is area?
- Count squares
- Make shapes
- Compare areas

Multiplication & Division

- Multiples of 3, 6, 9
- Multiply and divide by 6, 7, 9
- 6, 7, 9, 11, 12 times table and division facts
- Multiply by 1 and 0
- Divide a number by 1 and by itself
- Multiply three numbers

MFL (French)

Talking about us/school subjects

- Extended feelings
- Personal information
- Introduce a friend
- Subjects and opinions

My Town, Your Town

- Commands
- Shops
- Asking and giving directions

Time in the city

- French city
- Buying a ticket
- Directions
- Descriptions
- Shopping
- Festive jumper)

Science

States of Matter

- Compare and group the three states of matter
- Explore how particles behave in solids, liquids and gases
- Explore and investigate melting, boiling and freezing points
- Explore evaporation and condensation Understand the water cycle

Forces and Magnets

- Understand electrical appliances and safety
- Electrical compounds in a series circuit
- Investigate electrical circuits
- Explore conductors and insulators
- Electrical switches

RE

Religion & Belonging

- Compare & contrast 'infant' and 'believer's baptism', suggesting why they are important to Christians.
- Explain how Jews, Muslims & Christians welcome babies, suggesting differences & similarities between them. Compare & contrast non-religious ceremonies.

Incarnation

- Explain what Christians can learn about Jesus from the nativity stories, ie 'God with us 'Emmanuel'
- Describe and suggest reasons why Christians call Jesus 'Saviour' using references from key texts studied, eg Creation; The Fall, Christmas; The Story of Zacchaeus & Easter
- Raise relevant questions in response to material studied and suggest answers using reasons to support

Computing

Online Safety

- Fact or fiction and appropriate content and ratings

Coding

- Stimulating a physical system, making a timer, debugging and making a control simulation

Spreadsheets

- Creating pie charts and bar graphs
- More than, less than and spin button tools
- Advanced mode and cell addresses

History

How have children's lives changed?

- What do sources tell us about how children's lives have changed?
- Why did Tudor children work and what was it like?
- What were children's jobs like in Victorian England?
- How did Lord Shaftesbury help to change the lives of children?
- How and why has children's leisure time changed?
- What were the diseases children caught and how were they treated?

Geography

What is life like in the Alps?

- Where are the Alps?
- What is it like in the Alps?
- Why do people visit the Alps?
- What is there to do in our local area?
- How are the Alps different from our local area?
- What is life like in the Alps?

PSHRE

TEAM

- To understand the attributes of a good team
- To accept that people have different opinions and know it is okay to politely disagree with someone and offer my own opinion
- To work collaboratively to complete a task
- To compromise to ensure a task is completed
- To reflect on the need of individuals in a team
- To understand shared responsibilities in helping a team to function

Think Positive

- To understand the link between thought, feelings and behaviours
- To understand the impact of positive thinking
- To recognise and manage uncomfortable feelings
- To understand the importance of making good choices
- To use mindfulness techniques in everyday life
- To apply growth mindset in every day life

Music

Folk Music and Songs Around the World

- Experiencing folk music, songs dances and traditions from around the world
- Introduction to the guitar – open string playalongs
- Revision of rhythm and treble clef space and line notes
- Continue to sing a broad range of unison songs, pitching the voice accurately and following directions for dynamics
- Developing knowledge of the stories, origins, history and social context of a variety of traditional music folk songs and singing games from around the world
- Develop facility in the basics skills of playing an instrument over a sustained period of time

Christmas Guitars

- Using notation to play Christmas tunes in simple parts on the glockenspiels
- Compose a Christmas song as a class for the glockenspiel using simple notation and lyrics
- Record the song onto Garageband
- Play and perform melodies following staff notation as a whole class
- Perform in two or more parts from simple staff notation on the guitar using a small range in small groups or as a class
- Identify static and moving parts
- Consolidate existing knowledge of crotchets, quavers, minims, semibreves and rests and introduce dotted minims

Design Technology

Cooking and Nutrition – Eating Seasonally

- Explain that fruits and vegetables grow in different countries based on their climates.
- Understand that seasonal fruits and vegetables grow in a given season.
- Understand that eating seasonal fruit and vegetables positively affects the environment.
- Design a tart recipe using seasonal ingredients.

Art

Drawing – Growing Artists

- Know the difference between organic and geometric shapes.
- Use simple shapes to form the basis of a detailed drawing.
- Use shading to demonstrate a sense of light and dark in their work.
- Shade with a reasonable degree of accuracy and skill.
- Blend tones smoothly and follow the four shading rules.
- Collect a varied range of textures using frottage.
- Use tools competently, being willing to experiment.
- Generate ideas mostly independently and make decisions to compose an interesting frottage image.
- Make considered cuts and tears to create their ideas.
- Understand how to apply tone, with some guidance about where to use it.
- Draw a framed selection of an image onto a large scale with some guidance.
- Try a range of drawing materials, beginning to demonstrate expressive marks by trying tools in an interesting way.

PE

Indoor Athletics

- Hurdle
- Long jump
- Shot put

Invasion Games

- Football
- Netball
- Ultimate frisbee

