

English

Text types: Narrative – recount, non-chronological report and persuasion.

Grammar: Different sentence lengths and structures. Relative clauses and modal verbs

Punctuation: apostrophes, inverted commas, commas used in different ways. Brackets and dashes

Spelling: Revision of Y3/4 word lists

Reading

Developing our love of reading and developing our strategies by:

- Listening to and discussing books from our Reading Spine.
- Reading and discussing fiction and non-fiction.
- Discussing, preparing and performing narrative poetry.

Computing

Recognise that Scratch is a coding application with music elements.

Predict the effects of different code blocks and explain discoveries from tinkering. Code a soundtrack using sound blocks, loops and nested loops to enhance a scene. Use loops to simplify a program and understand that nested loops can repeat a rhythm or pattern.

Decompose a program into smaller parts and remix existing code in new projects. Identify errors in a program, debug them and evaluate the effectiveness of a program.

Maths

Negative numbers

Multiplication by partitioning leading to short multiplication (2 by 1-digit)

Multiplication by partitioning leading to short multiplication (3 by 1-digit)

Division by partitioning leading to short division (2 and 3-digits by 1-digit)

Understand the concept of area

Music

Theme: Space

Listening to the additional four songs/pieces in this unit will support and enrich the children's understanding of its theme, while deepening their musical knowledge and experience.

Children will learn the pulse, rhythm, pitch, tempo, dynamics, texture and structure work together to make a song sound interesting and be able to keep the internal pulse.

Science

Pupils will be able to:

Describe the geocentric and heliocentric models. Name and describe the shape of celestial bodies. Describe the orbits of celestial bodies in the Solar System and name the force that keeps them in their orbits. Describe the orbit of the Moon around the Earth and its phases. Explain how day and night occur. Explain how the seasons occur. Explain how a sundial works. List some of the uses of satellites and explain why space junk poses a problem to them.

When working scientifically, pupils will be able to:

Pose and identify testable questions about the movement of the celestial bodies in our Solar System. Use a model to represent the Solar System.

Design and draw a table to record data on moons. Accurately draw day and night and seasons diagrams. Calibrate a sundial using a compass and torch and use it to measure time. Analyse patterns in temperature data for the Earth and use them to predict temperature values for the Earth in the future.

Art

Children will: Research & plan a textile space artwork. Learn threading, knotting and running stitch. Practise appliqué & oversewing. Add decorative stitches & embellishments. Evaluate their art.

PSHE

Describe what qualities a good friend should have and recognise which of these they have and which they could develop.

Recognise that friendships have ups and downs and this is normal.

Describe why they should embrace failure.

Describe a strategy to help manage feelings of failure and to help them to persevere.

Set themselves goals and consider how they will achieve them.

Describe a range of feelings and suggest two ways of dealing with a difficult situation.

Geography

Locate the Alps on a world map and identify and label the eight countries they spread through.

Locate three physical and three human characteristics in the Alps.

Research and describe the physical and human features of Innsbruck.

Use a variety of data collection methods including completing a questionnaire, mapping their route and recording their findings in sketches or photographs.

Compare the human and physical geography of their local area and Innsbruck.

Describe at least four of the key aspects of the human and physical geography of the Alps to answer the enquiry question, 'What is life like in the Alps?'

PE

Rugby

Rugby is an invasion game. In this unit pupils develop their understanding of the attacking and defending principles of invasion games. In all games activities, pupils have to think about how they use skills, strategies and tactics to outwit the opposition. In rugby, pupils do this by maintaining possession and moving the ball towards the try line to score.

Yoga

Pupils learn poses that challenge their balance, flexibility and strength. They learn how to use their breath to hold poses, move within poses and transition from pose to pose. Pupils explore how to link poses to create a flow and develop leadership skills to create, refine and lead their own flow. Swimming (5AB only this term)

Pupils continue to work towards swimming at least 25 metres competently, use a range of strokes effectively, and perform safe self-rescue in different water situations.

Outta this World

Autumn Term 2

