

Spring One in Year 6



English

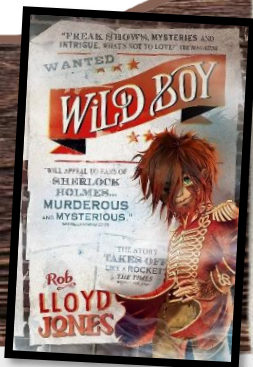
Writing Poetry

Pupils will learn how to write a free verse style poem based on The Northern Lights (linked to our Geography topic). Children will learn the structure and layout of a free verse poem, including enjambment, to create a rule-free, descriptive poem of their own! They will also use imagery and sound devices to bring their poems to life, such as personification, metaphors and assonance.

Extended Writing – Setting Description

Also based on our Geography topic, year 6 will write a setting description of a frozen kingdom, using devices such as similes, a range of sentence structures and other descriptive techniques.

We are reading ...



Reading

Pupils will be studying the brilliant book, 'Wild Boy' written by Rob Lloyd Jones during whole class reading lessons. During this time, children will develop their reading fluency through strategies such as echo reading and choral reading and will improve their ability to retrieve information from the text and make inferences based on evidence.

Maths

Measurement

In this unit, pupils will be exploring measurement and how to convert between common measurements such as millimetres and centimetres, metres and centimetres, kilometres and metres and miles and kilometres. They will then move on to converting units of mass, volume and also time.

Percentages

In this unit, pupils will be exploring how to calculate percentage of numbers and quantities. They will be learning about how to solve for percentage change and use percentage to compare amounts. In the first lesson, pupils will be finding the percentage of a whole number. This will involve both division and multiplication skills. They will then move on to finding the percentage of a quantity, measured in amounts such as litres and millilitres. In the third lesson, pupils will be looking at difference and percentage change before finally moving on to using percentage as a way to compare numbers and amounts.

Art and Design



Inuit

This project teaches children about the Inuit way of life, including some of their cultural and artistic traditions. It begins by allowing the children to examine artwork created by Inuit people, including sculptures and printing and then provides opportunities for pupils to draw inspiration from these artworks to develop their own ideas. To finish the topic, pupils will create their own Inuit-inspired print using a stenciling technique.



Geography



Frozen Kingdom

In the Frozen Kingdoms project, pupils will learn about the regions of the Arctic and Antarctic. They will learn about the similarities and differences between these two regions, including the climate, landscape, and natural resources. They will learn how to use grid references, lines of latitude and longitude, contour lines and symbols to identify the geographical locations of the Arctic and Antarctic, and how these, along with the tilt of the Earth, affect day length and warmth. They will investigate polar oceans to learn how they differ from other oceans on Earth and how climate change increases Earth's temperature and leads to rising sea levels. They will learn about the indigenous people of the Arctic, including how their lives have changed over time, and about the positives and negatives of tourism in Antarctica.

Science



Light Theory

Pupils will observe how light travels in straight lines. They will use their research skills to discover what happens to light when it enters the eye and how this relates to how we see. They will learn about the electromagnetic spectrum, finding out about visible light in detail. They will investigate how we perceive colour, learning that the stimulation of cells in the eye helps us perceive light, dark and colour. Using a torch for a light source, they will explore how shadows change, including their shape, size and how they become distorted. They will discuss what happens to light when it strikes a surface, learning about absorption, reflection, scattering and transmitted light. They will use different mirrors, including plane, concave and convex, to explore how they affect reflections.

Music

Creative Composition

In this unit, pupils will use chords in compositions, to create music that is more harmonically interesting. They will also create accompaniment for a melody using chords. They will also explore how chords are used within the music in this unit by listening and responding to La Bamba and looking at the composition extension activities for Disco Fever.

PSHE and RE

PSHE – Dreams and Goals

In this unit, pupils will consider their own dreams and goals and how they can reach them through realistic steps and planning. They will consider their hopes and dreams for the world around them. They will also be given the opportunity to consider how to have an impact on their community through fundraising.

RE – Parinirvana – Buddhism

In this unit, pupils will learn about the commemoration of the death of Buddha, and how Buddhists think about changes in their own lives, death and rebirth into another life.

Computing

Programming – Variables in Games

This unit explores the concept of variables in programming through games in Scratch. First, learners find out what variables are and relate them to real-world examples of values that can be set and changed. Then they use variables to create a simulation of a scoreboard. In Lessons 2, 3, and 5, which follow the Use-Modify-Create model, learners experiment with variables in an existing project, then modify them, before they create their own project. In Lesson 4, learners focus on design. Finally, in Lesson 6, learners apply their knowledge of variables and design to improve their games in Scratch.

PE

Gymnastics – Counterbalance

In this topic, children will work on their balancing abilities to hold controlled balances on a variety of points, hold a range of symmetrical balances, roll as part of a sequence and evaluate the work of themselves and others.

Netball

In this topic, children will learn the rules and skills needed to play netball affectively, and as part of team. They will learn how to pass and move, land and pivot with the ball and how to position themselves purposefully to succeed in a netball match.