

ENGLISH & LANGUAGE

CLASS TEXTS: *The Snowflake: a Story of Water*, *The Promise*

NARRATIVE: Following our exciting trip to Woodlands, the children will be writing persuasive texts and brochures about their learning experiences there. The class will also learn a story by heart using actions and story mapping. The aim is to create a deeper understanding and identification with the content in order to apply their own ideas and invent their own stories and writing outcomes.

SPELLING / GRAMMAR:

The class will begin to understand and use relative pronouns and clauses appropriately. The children will be able to apply and interlink this with their knowledge of brackets, dashes and commas to indicate parenthesis. During the second summer term, we will also look at using commas to clarify meaning.

We will be exploring various grammatical structures and learning how to apply this to improve writing: converting nouns or adjectives into verbs using suffixes -ate, -ise word endings. We will be learning how to improve our sentences by using a wide range of devices to build cohesion across paragraphs, such as using connectives, adverbials etc. We will also recap the use of the perfect form of verbs and expanded noun phrases.

READING: Guided reading will take place in groups daily and children will have a chance to make a personal choice of books from the school and class library. We will also be including extra comprehension lesson to reinforce the children's understanding of their reading.

MFL: Spanish

MATHEMATICS

- Multiplying proper fractions and mixed numbers by whole numbers.
- Solve problems involving numbers up to three decimal places.
- Recognise and use thousands and relate them to tenths, hundredths and decimal equivalents.
- Draw given angles and measure them in degrees. Identify: total of angles at a point and one whole turn; total of angles at a point on a straight line.
- Use properties of rectangles to deduce related facts and find missing lengths and angles.
- Distinguish between regular and irregular polygons based on reasoning about equal sides and angles.
- Identify 3D shapes, including cubes and cuboids, from 2D representations.
- Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed.
- Convert between different units of metric measures.
- Use all four operations to solve problems involving measure (e.g.: length, mass, volume, money) using decimal notation, including scaling.
- Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints.
- Estimate volume and capacity.
- Solve problems involving converting between units of time.

Earth Matters

Year 5

Summer Term 2019



UNDERSTANDING THE ARTS

MUSIC: We will be exploring further music making by combining singing (unison and 2 part), drama and playing musical instruments. We will also be preparing for the KS2 summer production.

ART: With our link to nature in science and geography this term, the children will be developing their techniques, including their control and use of materials, creativity, experimentation and an increasing awareness of different kinds of art, craft and design. We will be studying the works of Adrian Gray and Andy Goldsworthy. We plan to use photography to document our work with sculptures and use the natural environment both in school and whilst at Woodlands. We will also be looking at the art of William Morris.

UNDERSTANDING PHYSICAL DEVELOPMENT, HEALTH & WELLBEING

PHYSICAL EDUCATION: We will be working through a variety of non-traditional sports to help the children improve their physical skills and understand the health benefits of physical activity. The children will also be applying their social and cognitive skills on the trip to Woodlands at the start of term, and athletics, rounders and cricket after half-term.

PSHE/SEAL: Relationships and change: We will talk and write about our opinions and explain our views on issues that affect society and us. We will recognise our worth as individuals, by identifying positive things about our achievements and identify and set personal goals.

SCIENTIFIC & TECHNOLOGICAL UNDERSTANDING

SCIENCE: Living things and their habitats: Study the life cycles of mammals, amphibians, insects and birds, including some unusual examples like egg-laying mammals and marsupials. Compare complete and incomplete metamorphosis. Find out about well-known naturalists and animal behaviourists. Propagate plants from different parts of the parent plant.

Animals, including humans: Discuss why living things need to reproduce and look in detail at human life cycle, comparing with other animals. Study physical and emotional changes at puberty.

COMPUTING: This term we will be using the computing programming tool, Scratch, to create animations that will be linked to our science and geography topics. The children will link their mathematical knowledge of coordinates to incorporate movement and image to their animations. Later on in the summer term, the children will be exploring the different uses for the internet, such as, how it is used for communication and collaboration. The class will also have the opportunity to look at internet research and webpage design.

RELIGIOUS EDUCATION

We will be looking at the key question *What kind of king is Jesus?* exploring the work of the Holy Spirit and what Christians believe. We will also be discussing if religion is the most important influence and inspiration in everyone's life. After half term we will be exploring Islam.

HISTORICAL, GEOGRAPHICAL & SOCIAL UNDERSTANDING

GEOGRAPHY: Across the summer term, the class will study the water cycle and the physical geography of coasts and coastal features. The children will learn about coastal erosion and the impact of the sea on human activity. Along the way they will create a model of the water cycle, make a class glossary, film a news report and make an annotated model to teach other people about this fascinating topic. Our visit to Woodlands will help reinforce their understanding and provide a practical appreciation for the impact human activity has on physical landmarks.

Grow your Brain: this term we will be comparing the "fixed" and "growth" mindset. Using creative arts and role-play the children will discover the story of "The day the Crayons Quit" and will think about how the brain works in each mindset.