

## ENGLISH & LANGUAGE

**CLASS TEXTS:** *The Snowflake: a story of Water*; *The Promise*.

**NARRATIVE:** Children will be writing explanations about processes connected to our topic, such as the water cycle, and instructions about how to make spells for Prospero, the conjuror from the Tempest, and how to make different mechanisms using levers. Later in term they will develop narratives based on *The Promise* drawing on the skills taught this year.

### 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 or avoid ambiguity.

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 using the perfect form of verbs and expanded noun phrases.

**READING:** Guided and individual 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 lessons to reinforce the children's reading knowledge.

**SPANISH:** The class will continue to extend their knowledge of Spanish vocabulary and phrases.

# Earth Matters

## Summer Term 2021 - Year 5



## SCIENTIFIC & TECHNOLOGICAL UNDERSTANDING

**SCIENCE: Living things and their habitats:** We will study the life cycles of plants, mammals, amphibians, insects and birds, including some unusual examples like egg-laying mammals and marsupials. We will compare complete and incomplete metamorphosis. We will find out about well-known naturalists and animal behaviourists, and 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 TinkerCAD to learn how to place, resize and group objects. The children will then use these skills to represent mechanisms, developing their skills further to design their own lever mechanisms that become part of their project to create interactive pages in Prospero's spell book.

## UNDERSTANDING PHYSICAL DEVELOPMENT, HEALTH & WELLBEING

**PHYSICAL EDUCATION:** We will be developing coordination skills in tennis, rounders and cricket. Children will also develop strategies for gameplay. We will also be setting targets and challenges to reach and surpass these in daily skipping sessions and athletics lessons.

**PSHE:** Over the next two terms we will be looking at health and wellbeing, learning about how drugs common to everyday life affect health. This unit will be followed in the summer by a Year 4 RSE unit to catch up with the coverage in order to lead into Year 6 coverage next year. The topic will be about how we grow and change during puberty.

## HISTORICAL and GEOGRAPHICAL 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 models of some of the processes, make a class glossary, and film a news report about the impact human activity has on the environment.

## 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.

## RELIGIOUS EDUCATION

At the start of the summer term, 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.

## UNDERSTANDING THE ARTS

**MUSIC:** We will be exploring further music making by completing our Djembe drumming Charanga unit as well as learning and performing songs for our production of *The Tempest*

**ART:** Children will be developing their control and use of materials creativity and experimentally as well as increasing their 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 to inspire works of art. We will also be looking at the art of William Morris.