

English and Reading

In English, this term, the children will be looking at space themed texts. The children will learn a variety of skills to help them write a setting description and exploration narrative. In reading, this term, we will be reading the text 'Earth's Incredible Places – The Amazon River' by Sangma Francis. The children will work on all the relevant Viper Skills: Vocabulary, Inferences, Predictions, Explaining, Retrieval and Summarising responding to questions in a whole group and independently. The children will have the opportunity to explore the text through a variety of engaging activities.

Grammar

The children will build on previous skills taught so far this year, such as: using adverbials to indicate degrees of possibility and using modal verbs. Understanding the difference between structures typical of informal speech and structures appropriate to formal speech in writing. They will learn to link ideas across paragraphs, using adverbials. For punctuation, the children will learn to use commas and dashes for parenthesis. They will look at previously taught punctuation, including the use of singular and plural possessive apostrophes.



Our Big Geography Question - Why do Oceans matter?

Maths

In Maths, children will continue to focus on multiplication and division and then will focus on fractions, decimals and percentages. Children will learn to multiply with numbers up to 4-digits and to divide with remainders. They will learn to find fractions of amounts, recognise equivalent fractions, convert fractions and add and subtract fractions. They will also learn the relationship between, fractions decimals and percentages. They will have the opportunity to solve worded and real-life problems linked to the ideas above.

If you want to help your child prepare, please ensure your child regularly practises their times tables on TTRockstars as these are essential for calculating and converting fractions.

[Times Tables Rock Stars: Play \(ttrockstars.com\)](https://www.ttrockstars.com)

PSHE

In PSHE our topic is 'Healthy Lifestyles'. The children will identify and share key facts about dental health. Describe a calm place that helps them to feel relaxed. Describe how they feel when they make a mistake and explain what can be learned from making mistakes. Describe their strengths and how they could use these in school. Describe what makes them happy, suggesting how they could work towards this as a goal. Explain that there are some things they can control and others they cannot. Understand the range of emotions we can experience. Understand what mental health is and that sometimes people might need help.

Key Vocabulary: emotions, mental health, relaxation, skill, visualise, resilience, health

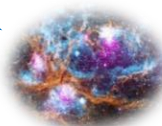


Year 5 Curriculum Overview- Spring 1

DT

In DT our topic is gear and pulleys. Children will be able to give examples of machines that use gears and/or pulleys. Children will be able to make and describe how gears and pulleys work and their purpose. Children will draw and annotate an eco-gadget bike design.

Key Vocabulary – gear, pulley, input, output, axle, teeth, renewable energy



Geography

This half term the children will be doing the topic 'Why do Oceans matter?' Children will describe the water cycle, how the ocean is used for human activity. Children will explain how the ocean helps to regulate the Earth's climate and temperature. The children will identify the Great Barrier Reef as part of Australia and describe the benefits of the Great Barrier reef and how humans impact the oceans and the consequences of this. Children will explain some actions that can be taken to help support healthy oceans.

Key Vocabulary: atmosphere, coral bleaching, human footprint, disposable, coral reef, ecosystem, habitat

Science

In Science the children will be exploring space. They will be describing the movement of the Earth, and other planets, relative to the Sun in the solar system. They will also describe the movement of the Moon in relation to the Earth. They will describe the Sun, Earth and Moon as approximately spherical bodies. Finally, they will use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.

Key Vocabulary: celestial bodies, phase, orbit, gravity, discovery, model, spherical, daytime, night time, planets



RE

In R.E the children will be looking at the topic 'What do Hindus believe about God?' The children will learn Brahman is God in Hindu Dharma. That there are many aspects that God shows through many different forms, that the main 3 forms of Brahman are shown in the Trimurti. That Hindus believe in reincarnation and aim to reach Moksha. That Hindus generate good karma by following dharma, caring for others and by showing devotion through worship (puja).

Key vocabulary - Aspects, Brahman, Trimurti, Puja, Mandir, Shrine, dharma, karma,



PE

This half term the children will be developing their dance skills: responding to music, learning simple sequences and responding to commands. Children will create a variety of gestures and motifs to respond to different styles of music.

