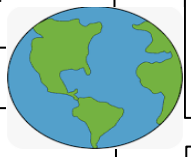
Medium Term Plan - Earth and Space
Year 5 Autumn 2

English & Reading
In English, we will be writing a biography about Katherine Johnson. We will focus on using fronted adverbials for different purposes and embedded relative clauses in our writing.
We will also write newspapers based on the moon landing and seasonal nature poetry.
In Guided Reading, we will continue to read Odysseus and analyse the text in depth, focusing on skills such as explaining, inferring, predicting, sequencing and summarising.

Mathematics
We will be practicing written methods for addition and subtraction then using inverse operations to check our answers.
We will then focus our attention on division and multiplication facts such as square, cube and prime. Factors, multiples and commonalities.



Science
This half term in science, pupils will develop their understanding of Earth and Space. They will explore the evidence that the Earth is spherical, learn how the Earth and other planets move around the Sun, and use models to investigate the phases of the Moon. Children will explain how the Earth's rotation causes day and night, discover why the Sun appears to move across the sky and investigate how the Earth's tilt results in the changing seasons.

Global Scholars
In Unit 2, we will explore the role of water in our culture and everyday lives. They will learn the importance of safe water to individual and community health. They calculate their water footprints and evaluate the impact of individual choices, then conduct a water audit.
Our digital project will be to create a guide to share the results.

Music
Our theme is "Three-chord pop: playing in a band".

RE
Our focus religion is Christianity.
Our key question is "Do Christian celebrations and traditions help Christians understand who Jesus was and why he was born?"

Geography
Our key question for this half term is "Can you celebrate New Year twice?". In this topic, we will learn about how the globe is mapped, lines of longitude and latitude and time zones. We will make our own globes and label them throughout this topic.

Enrichment
We will have an online workshop "Exploring Our Solar System" with Greenwich Museum.

Art
Our art project this term will explore colour and texture. The children will use clay to create a dragon eye sculpture.

Spanish
The topic for this half term is called "Time in the City". We will learn some facts about a Spanish city then learn some navigational phrases. We will learn how to ask for an entrance ticket, understand simple directions, ask for the price of a souvenir and describe a city.

PE
The children will participate in outdoor adventurous activities such as orienteering and indoor athletics this half term.

Wellbeing
Children will develop their understanding of positive relationships, respect, equality and personal safety. They will explore how friendships can change, learn strategies for resolving disagreements. They will also consider online bullying, discrimination and harmful online influences, as well as how to report concerns safely. Throughout the unit, they will build the knowledge and confidence needed to make respectful choices and maintain healthy relationships.