

## Earth & Space – Seatown Class Spring 2022

**Science:** We will study our galaxy, the stars, planets & moon, how they affect each other & how orbits create day, night and seasons. We will explore electricity, creating our own circuits, understanding how variables affect the flow. We will know how to record our work using symbols.

**Maths:** Linking to space, we will explore time/time zones, circles and their radii, diameters & circumferences. We will continue to build on the 4 number processes focusing on formal multiplication and division; scaling work to solve problems regarding ratio & proportion. Decimals, fractions & percentages will be taught and we will make links between them.

**Literacy:** Using Space as a basis for our work, we will learn and write chronological and non chronological reports, newspaper reports as well as instructions and story writing. Our writing will feature aspects of grammar that we will be learning such as determiners, relative clauses, prepositions, progressive & passive tenses. We will continue to work on spellings that highlight suffixes and homophones. We will continue group reading books from last term that will involve developing vocabulary and exploring inferences.

**Computing:** We will learn to use the app GarageBand & link with our music studies to create space soundscapes. We will use the iPad as a research tool and explore how to use spreadsheets and see the benefit of using these for aspects of day to day life. Aspects of internet safety will be explored too.

**Music:** We will study Holst's Planets suite focusing on musical elements such as timbre, motifs & fade outs. We will develop our knowledge of the orchestra and how instruments are grouped. Music will play an important part of our wellbeing focus.

**History:** We will study the space race of the 1950s/60s and the 'Hidden Figures' otherwise known as human computers (black women) who were crucial in NASA's advances in space technology. We will be encouraged to question ideas & cultures of the time.

**PSHE:** We will look at the importance of differences & how this can be positive & negative. We will look at our roles in encouraging, supporting & celebrating differences. We will link our internet safety work to keeping ourselves safe, both online and physically as we follow the SCARF programmes of work.

**Geography:** Linking with the science & maths aspects in particular, we will learn about lines of longitude & latitude including the equator, Tropics of Cancer/Capricorn & the Arctic/Antarctic Circles. Longitudinal lines will help us understand time differences across the globe.

**French:** We will learn vocabulary around space and develop an understanding of how we piece elements of the language together as we build sentences and understand the importance of masculine and feminine verbs as we write.

**Art and DT:** We will explore various ways of using chalks & oil pastels. We will find ways to manipulate chicken wire to construct 3D objects & develop skills in this medium.

**PE:** We will continue weekly Forest School work, Daily Mile activities including setting our own targets. We will create dance routines using reflection, repetition, sequencing & team work.

**RE:** Through discussion & debate, we will focus on the importance/influence of Sikhism today and what their Holy Book & stories say about society. In our Christian unit, we will discuss destiny, our purpose in life & explore the importance Christians have in believing God planned Jesus' death.