



Year: 5

Term: Autumn 2



Mission Control

Theme Overview

This topic is based on The Earth, moon and sun and how these spherical bodies interact with each other. The children will learn about the solar system, what causes day and night, how seasons are created and why the Earth, sun and moon are vital to each other. With a wide variety of cross curricular links, the children will explore electric vehicles, designing their own rockets and launching them into space using Computer Aided Designs. A fun and creative three weeks to be had by all!

ART & DT

Make moons with craters from clay, painting to create shadows.

Recreate 'Starry Night'

Explore the work of Elon Musk with his creations of the Space X and Electric vehicles- Understand how the design of electric vehicles has changed the world

Computer Aided Design- design a rocket and launch it into space



HOOK INTO LEARNING

Oreo moon phases

TOPIC FINALE

Blast Off!

Launching Rockets into space

COMPUTING

Coding- read and understand codes, remix and create their own codes, simplify and debug codes

SCIENCE

Working scientifically- using different objects to create different sized craters, creating line graphs to record data

Create exploded diagrams to explain the rotation of the Earth and moon

Explain using diagrams and voiceovers, what causes day and night

MATHS

Decimals- recapping decimals from year 4 including recognising tenths and hundredths, dividing by 10 and 100.

Multiplication and division- multiplying by 10 and 100, using times table and division facts.

PSHE

'Being my best'- learning about the five ways to wellbeing, including keeping fit and healthy, developing a growth mindset, achieving your best and setting goals

PE

Hockey- complete previous unit with Hazel vs Sycamore matches!

Health Related Exercise- creating their own aerobic fitness programmes and testing each other

MUSIC

Listen to, appreciate and understand excerpts from The Planet Suite by Holst

ENGLISH

Balanced argument- is the Earth really round?

RE

Judaism- learn about the 10 commandments and the story of Moses