

HOOK:

The Solar System and Our Place within It.

Visits:

Visit to the Planetarium

Literacy:

Poetry: Space Poems.

Non Chronological Reports: Creature from Pandora

First Person Narrative: Science Fiction Story

SEAL: Going for Goals

What would you like to achieve? How will you do it? What challenges might stand in your way?

PSHE: We are all different

Music:

Singing – Preparation for the Christmas performance

Holst – The Planet Suite.
Listening to and appreciating music
Link to literacy/poetry

Space: The Final Frontier

RATIONALE:

These are the voyages of year 5. Their bold new mission is to explore the solar system. Seek knowledge of strange new worlds and investigate space transport.

Science: Earth in Space

Describe the movement of the Earth and other planets, relative to the sun in the solar system

Describe the movement of the moon relative to the Earth

Describe the sun, earth and moon as approximately spherical bodies

Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky

OUTCOME: Mission to Mars

Will your cargo survive its journey through space?

Year 5: Autumn 1

COMPUTING: Databases

Exploring, interrogating and creating databases to organise knowledge

TOPIC MATHS:

Link to science – measures and scale

Design and Technology:**Moon Buggies**

Explore the technology and knowledge needed to create vehicles that can be used to explore a planet.

Investigate wheels, chassis and frames to design a 'Moon Buggy' for space exploration.

Design a circuit with a motor to power the vehicle.

Make, test and evaluate the finished 'Buggy'.

PE:

Dance: War of the Worlds

Games: Hockey