

Learning Experience curriculum outline for Year 5.

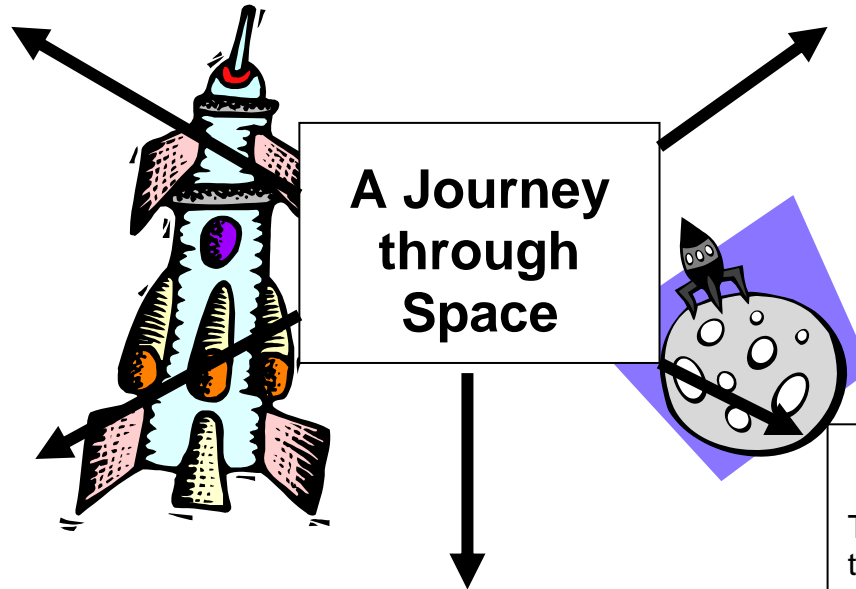
This will start from: 4th Jan for 6 weeks

The purpose of the experience

To learn about our Solar System and the relationship between the Earth, the Sun and the Moon. To understand that light travels in a straight line and how shadows are formed.

The Outcome to the Experience

To create a science fiction story, make a moving toy and produce a Space game.



Numeracy

To add and subtract fractions and convert between mixed and improper fractions. Mental and written calculation methods for multiplication and division. To solve problems using the above calculations.

Computing

To create a space game using Scratch.

Hook

To visit the Space Odyssey Dome on the first day back after Christmas.

The learning taking place

Science – The earth, sun and moon are approximately spherical, how the position of the sun appears to change during the day, and how shadows change as this happens; how day and night are related to the spin of the Earth on its own axis; that the earth orbits the sun once a year, and the moon takes approximately 28 days to orbit the Earth.

History – to learn about space travel and technological advances to gain access and information about the Planets.

Art/DT – To create Pointillism pictures after studying George Seurat. To make a moving toy.

English – To experience science fiction writing and use classic texts like the War of the Worlds to develop our own story writing. To use information texts to research the solar system.

RE – what sacred texts and other sources say about God, the world and human life.