



Class: Pearl

Date of project: Terms 1 and 2

**More detail will be found on weekly newsletters**

Our project for Terms 1 and 2 will have a focus on Space exploration; learning about all the planets, the Sun and the Moon in our Solar System.

Term 1 will focus on the entire Solar System and all learning will lead to a final outcome of a Scratch program to take users on a tour of a specific planet combining Computing skills, music and information. We will be listening to and composing our own versions of Holst Planets pieces. Our English in Term 1 will involve reading the text, 'Curiosity: The story of a Mars rover' and using it as inspiration for our own narratives as well as writing Non-chronological reports about a chosen planet.

Term 2 will have a focus on the Earth more specifically: looking at environmental issues, the Geography of the Earth and the forces that act upon the Earth e.g. gravity. In English during Term 2 we will be reading 'Varmints' and again using this as inspiration for our own narrative. We will also be looking at some poetry.

Our History learning about the Aztecs and the importance of the Sun will also be linked.

Maths learning will be focused on place value and calculation methods but will make close links with our project e.g. applying understanding of reading and writing large numbers to look at the distances of the planets from the Sun.

Combining all learning from across the two terms, we will be designing and making an orrery of the Solar System to sell at the Christmas fair.



**Significant texts:**

Curiosity: The story of a Mars Rover by Markus Motum

Varmints by Helen Ward

**Immersive environment:**

- Planets hanging from the ceiling along with black fabric and white lights.
- Mars rover/Moon buggy in the centre of room for children to sit on to work.
- Rocket in the corner of the classroom.

Project launch:  Planet exploration mission in school grounds.	Who is Curiosity? Where did she go?  <b>English – Narrative</b> based on text 'Curiosity – The story of a Mars Rover'	What is in our Solar System? Which planet will you visit? How could others visit the planet? <b>Scratch project</b>	What is special about the Earth? How do we impact upon the Earth?  <b>English - Narrative</b>	What forces exist on the Earth and how they different on other planets?  <b>Scientific experiments</b>	Who were the Aztecs and why was the Sun important to them?  <b>Aztec research and cooking.</b>	<b>Final Outcome:</b> What is out there?  <b>Art/DT: Make a working orrery to sell at the Christmas fair.</b>
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