**Outcome**

**Develop our understanding of the Solar System and how we have explored it in the past and plan to in the future.**

P.E. Focus

Netball, Gymnastics, Hockey & Dance

**Key Question**

**What is out there?**

**Audience**

-Parents & Governors

-Longney C of E Primary Academy

-Mission X Train Like An Astronaut Programme

**R.E.**

**Creation and Science: conflicting or complimentary?**

**In this unit we will outline the importance of Creation on the timeline of the ‘big story’ of the Bible and identify what type of text some Christians say Genesis 1 is. Pupils will suggest what Genesis 1 might mean and compare their ideas with ways in which Christians interpret it. We will discuss why many Christians find science and faith go together, weighing up how far the Genesis 1 creation narrative is in conflict, or is complementary, with a scientific account.**

**PSHE**

Health and Wellbeing

-Developing Risk management

-Understanding personal change and responsibility

**Synopsis**

**This term the school focus will be on wondering what’s out there. In Swift class, we will be using this focus to explore our neighbouring planets, the history of space exploration and what the future holds. The project will cover a range of curriculum statements across History, Science and Geography. Therefore, we will be exploring the environments of different planets. We will look at space exploration in the past, and compare it to the modern day and will finish the project by considering what will happen in the future both on and off our planet.**

**Launch**

**Star Gazing and Crash Landing**

Year 5 & 6 Project Mapping

Spring Term

**Milestone 3**

**The Future of Space Travel**

**What impact does the Moon have on Earth?**

* Defining/origins
* Tides
* Seasons

**What other planets do we share the Solar System with?**

* Terrestrial
* Gas giants
* Ice giants
* Dwarf

**How are the planets different?**

* Environments and characteristics

***Narrative***

***War of the Worlds by H. G. Wells***

**How has the Earth changed?**

* Satellite images; past and present
* Changes natural and man-made, connections with local area

**Where will we go next?**

* Colonization of other worlds; Mars and the Moon
* Exploring how we would survive and why we would need to leave the Earth

**What will we eat in the future?**

* Space food

**Is there life out there?**

* Learning about the other solar systems in our galaxy.
* What do we classify as life on other planets (Europa)
* Discussing if we think it would be good or bad to meet extra-terrestrials

***Narrative***

***Cosmic by Frank Cottrell Boyce***

**How did we get to the moon?**

* Space shuttle developments
* Getting out of the atmosphere

**Why did we go to the Moon?**

* Space race (timeline)
* Anniversary of the Moon landing

**What impact have women had on space exploration?**

* Hidden figures
* Female Astronauts

**What is the ISS?**

* Multinational project
* Tim Peake
* Experiments

**How to train like an Astronaut**

* P.E. links

***DT***

***Rocket Project***

**Milestone 1**

**Gazing up at the Stars**

**Milestone 2**

**Space Exploration**