



**Topic Title: Out of this World!**

**Class: Shakespeare**

**Term: Autumn 1**



### Key Texts

**Key texts we will be using this term:**

- **Phoenix** by SF Said
- **Six Ways to Look at the Moon** by Pie Corbett
- **Cosmic** by Frank Cottrell-Boyce
- **One Giant Leap** by Dom Brown

### Key Questions

**Things we will be finding out from our topic:**

- Why was a dog sent into space?
- What does it take to become an astronaut?
- Who were/ are the key space explorers?
- What is the solar system?
- Why do astronauts wear space suits?
- What machines are used to travel to space?
- Why isn't Pluto a planet?

### English

**We will be learning to:**

- Write to inform through newspaper articles, explanation text, non-chronological reports and diary extracts
- Write to persuade through advertising a space trip
- Use synonyms, homophones, adjectives, hyphens and recapping on capital letters, full stops, commas in a list, question marks, exclamations marks and conjunctions

### RE

**We will be learning to:**

- Describe and show an understanding of the beliefs of saints and the influence of these beliefs on behaviour
- Describe some similarities between the saints of Christianity and of other religions and none
- Describe impact of faith on the lives of believers, particularly in the face of persecution
- Suggest meaning for reliquaries and compare their use to objects used

### Maths

**We will be learning to:**

- Read, write, order and compare numbers up to 10,000,000,000
- Multiply multi – digit number up to 4 digits by a 2-digit number
- Divide numbers up to 4 digits by a 2-digit whole number
- Solve addition, subtraction, multiplication and division multi step problems
- Identify common factors, common multiples and prime numbers
- Draw and translate simple shapes on the coordinate plane and reflect them in the axes

### Active and Creative Learning

**How will be getting active and creative?**

- In PE we will be going swimming every other Friday and learning about invasion games, including tag rugby and football
- Some of us will take part on the Striking and Fielding Festival, Mixed Hockey Tournament and Cross Country event
- In Art and DT we will be designing, making and evaluating our own Solar System

### Science

**We will be learning to:**

- 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

### Inspiring Learning ideas

**Planned activities:**

- In Science we will have a visit from the Sun Dome
- In English we will writing letters to Tim Peake and other astronauts
- In Maths we will investigating the planets distances and sizes, intergalactic football and looking into Tim Peaks Principia mission.
- In History we will we finding out about how space exploration started and what it takes to become an astronaut.