



## Year 5

**Journey through space, the final frontier...Navigate beyond the Sun, the magnificent, blazing star at the centre of our solar system.**

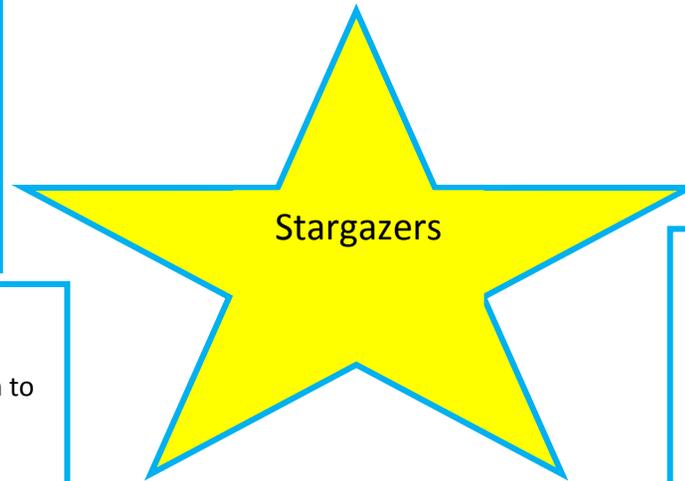
**Investigate the eight planets – Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune. Take a look at the moon, a celestial body that orbits Earth.**

**Maths:** The children will be learning how to Interpret tables & line graphs. Solve questions about line Graphs. Compare & order fractions. Add & subtract fractions with common denominators, with mixed numbers. Multiply fractions by units. Write decimals as fractions.

**Music:** The children will 'find' their Singing Voices. They will listen to and imitate song phrases in brand new songs. They will learn to sing as a class, group and individuals. The children will learn how to sing with correct posture and listen to recorded music.

**Art & Design:** Children will be designing and making their own rockets. They will be making alien characters out of clay.

**Physical development:** The children will be able to select and apply skills more consistently in specific invasion activities and games; to select and apply basic invasion principles and adapt them to different situations; to use information to evaluate their own and others' work.



**English:** The children will be writing a character profile of an alien; Newspaper report of first contact and Myths and legends – Man on the moon.

**Geography:** The children will be recognising and describing the physical and human features from what it looks like from Space. Using maps, atlases, globes and satellite images.

**History:** The children learn the story of Isaac Newton and how he discovered gravity; create a poster about Galileo and children to watch a video on John F Kennedy and the space race.

**Science: Forces** - In this unit, children will learn about a variety of forces including gravity, air resistance, water resistance and friction. They will explore how simple mechanisms can be used to make work easier. They will observe and explain how gravity causes an unsupported object to fall towards the Earth. They will have research the relative effects of the gravitational pull on other planets. Children will carry out a range of activities to identify the effects of friction, air resistance, and water resistance and will consider ways of reducing water resistance through streamlining.

**Homework:** Write a poem about Space; Make a 3D model of the solar system and write a short story from the alien's point of view about what Earth is like.