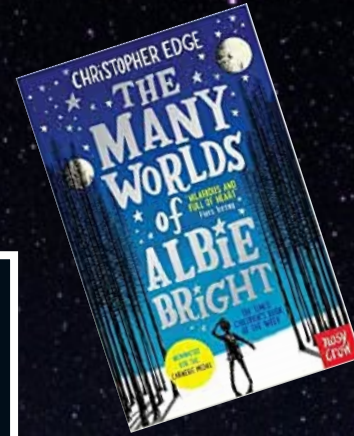


Southill Primary School

Year 5 Autumn Term 2021

Stargazers

Join us on our 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. Work scientifically to investigate gravity, and what happens when there is none. Compare the times of day at different places on the Earth and use GPS satellite navigation systems to track hidden treasure. Get in a spin making simple models of the Solar System and listen to the haunting sounds of space themed songs. Then it's 3, 2, 1, blast off. Build and launch a rocket for an important test mission. Exploring space is probably the greatest adventure that humankind has ever undertaken. Are we alone? Or are there other life forms out there?



As **Readers** we will continue our novel, 'Who Let the Gods Out.' We will then read the extraordinary novel, 'The Many Worlds of Albie Bright,' following the journey through time and space of Albie, in search of his mother after she has passed away!

As **Writers** we will be completing our explanation text unit based on the Medusa Pleaser, then we will be looking at our use of vocabulary and language features and tools to develop our information writing skills, following the information text, The Dorset Alien, before writing our own engaging information texts.

As **Mathematicians** we will be using our knowledge of place value with numbers up to 1,000,000 to develop our multiplication and division skills. We will then move on to solving word problems involving all 4 mathematical operations. This will run alongside a continued effort to revise and refine our mental maths knowledge, especially recall of our times tables facts up to 12×12 .

As **Scientists** we will be using our methods of enquiry to study the planets in our solar system, describing the Sun, Moon and Earth as spherical objects. We will use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky. We will also be taking measurements and drawing conclusions from investigations into gravity and its effect on objects and their fall to Earth.