

**Geography**

As part of our Enquiry, we will focus on different environments and countries around the world and their features. Using a range of maps and mapping systems including GIS we will look at how land forms and land use has changed. Map skills such as grid references and longitude and latitude will also be studied.

**Art and D&T**

The focus in Art is painting techniques. We consider the modernist movement and look at the photo-realism paintings of Chesley Bonestell. Robert T McCall's installations will also be studied. We will be mixing colours before producing a final piece. In DT, we are looking at moving mechanisms and designing and making a moving Mars Rover.

**Music**

In music we will be studying the planets by Holst learning about the different features and putting together motifs from Mars. We will then look at Earth by Hans Zimmer and compose our own version of Earth on the instruments as well as using notation to record it.

**RE**

In RE, we begin by looking at the Old Testament in the Bible focusing on the story of Ruth and The Beatitudes. We will learn how Christians gain wisdom from the Bible. We will follow this by looking at religions and what they have to say about respect focusing on religions represented locally.

**Is it possible to live anywhere?**



**Maths**

The focus in Maths this term for Year 5/6 is on fractions, decimals and percentages including calculating in all four operations and finding percentages of amounts. We will be reinforcing standard methods weekly in both year groups. These will be reinforced in daily arithmetic practice. Year 5, in particular, will be focusing on their multiplication and division methods. Both year groups will complete a unit on statistics and perimeter and area. Y6 will focus also on ratio, algebra and shape and angles. We will continue to practise maths facts such as times tables, square numbers, prime numbers and cube numbers.

**English**

In English, we will begin using the book, 'Where once we stood' and build up to writing a narrative. Following that, using the book, 'Curiosity: The story of a Mars Rover', we will write a persuasive text. We will write a recount and an information text about a planet. In reading we are studying various texts including Jamie Drake Equation, Beyond the Sky and The Hobbit. Spellings will follow the sequence on Spelling Shed, while handwriting will follow the Nelson handwriting scheme.

**Science**

In Science, we will be studying the Solar System including phases of the moon, the sun and features of the planets. Children will use their scientific skills to devise experiments to investigate shadow length and then present results graphically and draw conclusions

**PE**

The children will have two PE lessons a week. They will begin with football and dance creating a dance to Space Oddity and follow this with gymnastics and athletics.

**French**

We begin by learning vocabulary associated with the pets- 'As-tu un animal?' Then we will move on to learn planets vocabulary 'Les Planetes' and practise answering interview questions about the planets.

**Learning for Life**

In Learning for Life we will learn how to keep ourselves safe in various different situations and then learning about rights and respect.

**Computing**

We will be beginning the year with work on spreadsheets following this with a unit on databases and then 3D modelling