

Findern Primary School

*Oak Class
Curriculum Newsletter*

*Spring 1
2019*

Extreme Earth and Beyond!



Cross curricular theme: Extreme Earth and Beyond!

Through a cross curricula approach to our learning we will discover more about space and our own planet. During computing we will explore the surface of Mars, how to program an autonomous vehicle to scan and inspect unique features in the terrain, and allows students to recreate and simulate their experiences after researching a Mars landscape. We will learn more about the Curiosity Mars rover and apply that knowledge to think about, plan and design our own Mars rover. We will also discover more about the major mountains of the world and the UK. We will find out the different ways in which mountains have been formed, and how different features of mountain ranges have been shaped over time. Children will have the opportunity to consider what the weather is like in a mountainous environment and to evaluate the impact that tourism has on a mountainous region.

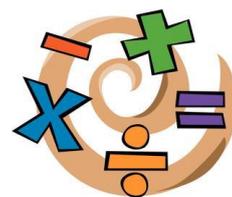
English



We will look at a range of genres of writing. Whilst looking at explanation texts we will focus on the use of a range of conjunctions and adverbials before creating and writing about a machine that will make a meal for Tim Peake on the ISS. We will also write some diary entries as though we are Tim Peake at different stages of his space adventure. We will also learn all about the Voyager missions launched by NASA in 1977 and the Golden Records they carried aboard. We will use the concept of sounds and images representing Earth to select our own representative images and attempt to persuade NASA of the values of their choices. We will also revise the features of letter writing and create non-chronological reports with the information we have learned.

Mathematics

We will continue to consolidate and extend our understanding of number and place value, the four operations of calculation, fractions including decimals and percentages, ratio and proportion, measurement, properties of shape, position, direction and statistics.

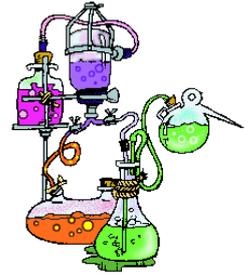


Reading

The children will read weekly with their class teacher during a focused guided reading session. Children are given the opportunity to change their reading books daily. As you know, reading regularly with your child and asking questions about the book is very important, so please read with your child at least three times per week.

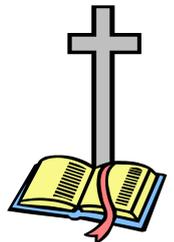
Science

We will learn at least two different shapes the Earth was thought to be. Identify scientific evidence that has been used to support or refute ideas. Describe some features of the planets, place the planets in the solar system in the correct order. Explain theories of planetary movement in the solar system using evidence. Explain, using evidence how night and day occur. Explain why night and day occur at different times in different places on Earth before explaining how the Earth and Moon move relative to the Sun.



RE

We will learn a range of creation stories from world religions, less known or extinct religions as well as different cultures. They will sequence, compare and contrast the stories. In addition, we will be choosing a variety of ways to present our work which will enable us to reinforce key literacy and computing skills.



PE

We will continue learning a variety of skills in order to take part in physical activities effectively. We will develop different techniques allowing us to be accurate and play as a team. Can children please have indoor and outdoor PE kits available with sensible outdoor trainers.

Please see below for some useful websites to visit to keep your maths, science and literacy skills alive!

BBC bitesize - maths and literacy skills

<http://www.bbc.co.uk/bitesize/>

Interactive games and activities - maths, literacy, science and homework help

<http://resources.woodlands-junior.kent.sch.uk/interactive/>

Maths games and activities

<http://www.coolmath4kids.com/>

Maths and literacy games

<http://www.topmarks.co.uk/maths-games>