



## (WE LEARN MUCH MORE IN YEAR 4!)

**SCIENCE** – We will conclude our work on Separating Mixtures. The children will then be moving onto the science topic Digestion and looking at the big question - How does the body get nutrients from food into the bloodstream? The children will learn about the different food groups looking at nutrients that can be found in different foods. Children will look at different diets and how diets differ between different athletes and what makes a poor diet and how a poor diet can affect the body. They will learn about the process of digestion starting with teeth and then looking at the digestive system. They will look at animal teeth and how these differ depending on the animal's diet and also looking at what causes teeth to decay.



**OUR TEXT-DRIVER** – The Land of Roar by Jenny McLachlan.

**ENGLISH** – This half term we will be looking The Land of Roar by Jenny McLachlan. The children will be using the text to help them create both fiction and non-fiction pieces of writing this term. For our Whole Class Guided Reading we will be looking at a range of different texts focusing on Remembrance Day, Time Travel and Christmas. Our class novel this term will be The Lost Whale by Hannah Gold and The Santa List by Kieran Crowley.

**Geography** – This term our topic is Are all deserts hot, hot, hot? The children will learn what a desert is and the 4 types of deserts. They will locate deserts on a map and look at the equator, latitude and longitude. They will be able to explain how the land is used, types of settlements, describe how animals and plants adapt to living in deserts and compare different types of deserts. They will know what climate zones, biomes and vegetation belts are.

### VALUES and WELL-BEING

Welcome to the Autumn 1 term! Our values this half term are **Responsibility, Friendship and Peace**. We will also continue to actively promote the British Values: \*Democracy \*Rule of Law \*Individual Liberty \*Mutual Respect \*Tolerance of those with Different Faiths and Beliefs.

**ENRICHMENT ACTIVITIES** The children will be going on a virtual trip to several different deserts to enable them to compare.

**PSHE, RSE and RE** This term in RE we will be looking at Mary Mother of God. In PHSE we will be looking at Valuing differences.

**MATHS** - This term in maths we will be looking at Addition and Subtraction, Area and Multiplication and Division. During our Addition and Subtraction unit the children will be adding and subtracting up to 4 digit numbers with and without exchanging. In the Area topic the children will know what area is, be able to count squares to calculate the area and compare areas of shapes. We will then move onto multiplying and dividing by 10 and 100. We will also look at multiplying by 3,6,7 and 9.

### DT and Music -

In DT we will be looking at Flapjacks. The children will carry out product research looking at packaging and tasting testing before moving on to design their own flapjack with an additional 2 ingredients. The children will then make their flapjacks and evaluate their product.

In Music we will be working on our performance skills and composition skills ready for the Christmas Carol service.

**COMPUTING** – Children will be looking at Data Logging. The children will consider how and why data is collected over time. Children will consider the senses that humans use to experience the environment and how computers can use special input devices called sensors to monitor the environment. Children will collect data as well as access data captured over long periods of time. They will look at data points, data sets and logging intervals. Pupil will spend time using a computer to review and analyse data.

**PE** -This term we will be learning swimming, Netball and Sports hall Athletics **OUR PE DAYS THIS TERM WILL BE TUESDAY and FRIDAY. Don't forget swimming on Mondays.**

**HOME LEARNING** Please continue to support your child in their home learning which will be uploaded onto their Seesaw activities on a **Friday** and is due in on a **Wednesday**. The home learning this term will be in relation to what we are learning in class. Reading homework should happen every night for a minimum of 10 minutes and recorded on your child's **BOOM Reader** account. We also recommend children practise the Y3/4 Common Exception words and their times tables.