

# Year 4- Autumn Term -Time Travellers

## Maths

### **Column Addition and Subtraction**

Learning how to fluently add and subtract numbers with up to 4-digits.

### **Place Value**

Being able to recognise the value of each digit in a 4-digit number. Calculating 1000 more or less than a given number. Counting in 25s. Recognising and counting into negative numbers. Recognising numbers up to 10,000.

### **Perimeter**

Understanding how to calculate the perimeter of a range of 2d shapes. Understanding the properties of regular polygons

### **3,6, and 9 Times Tables.**

Representing the 3,6 and 9 times tables.

Recalling the number facts from the 3, 6 and 9 times tables

Calculating division problems by using the inverse.

Recognising the relationships between the 3, 6 and 9 times tables

## English

In English we will using different texts to inspire our writing.

**The Baker by Paula White-** Setting Description, Job Applications and Poems.

**Shackleton's Journey by William Grill-** Packing Lists, Letters (formal and informal) and Diaries.

**Frindleswylde by Natalia & Lauren O'Hara-**

Letters, Voting Slips, Dialogue, Speeches.

**The Crown by Emily Kapff-**

Information Text, descriptive lables, diary entry, poster, speech bubbles.

## PE

Indoor PE: Dance – Movements and Gymnastics – balancing, rolling, jumping and travelling.

Outdoor PE: Hockey and Netball

## Geography and History:

In history this term we will start by looking at the Stone Age. This will include understanding how people in the Stone Age lived and comparing this to the modern day. We will look at some artefacts and discuss the importance of using artefacts to help us understand more about the past. We will study the Skara Brae and then continue our journey through time by learning about the Bronze Age and Iron Age. We will also study Stonehenge.

## RSHE

Created and Loved by God – Explores the individual.

Rooted in the teaching that we are made in the image and likeness of God, it helps develop an understanding of the importance of valuing themselves as the basis for personal relationships.

## French

To be able to count to 20, have conversational basics such as saying 'hello' and how they are feeling and say the colours, days and months of the year in French.

## Science

### **States of Matter**

In this unit the children will learn about the states of matter: Solids, Liquids and Gases. We start by looking at atoms, molecules and particles and how they move in the different states of mater. Later in the term, we will look at Carbon Dioxide as a case study and how it is produced and used around the world.

### **Electricity**

In the second half the term we will begin to look at electricity. The children will understand how electricity is caused by a flow of electrons. We will investigate which materials are conductive and which are insulators.

## Music

Glockenspiels; Christmas Performance; singing and hymn practice.

## RE

**The Story of the People of God** – We will develop our knowledge and understanding of the structure of the Bible. We will study stories of significant people in the Old Testament and discover what these stories tell us about their relationship with God.

### **Jesus Teaches Us How To Pray**

The children will develop their understanding of different types of prayer and learn about how Jesus would have worshiped as a follower of Judaism. They will learn about traditional prayers of the church including the prayer of the Rosary.

**Advent** – The children will know that Jesus was descendent of the House of David through learning about the Jesse tree. They will recognise some stories about Jesus' ancestors and how important their relationship with God was.

**Christmas** – We will develop our understanding of the events that surround the birth of Jesus and his cousin John the Baptist. The children will learn that angels are heralds of important messages and will consider how Christians today are heralds of the message of Christ.

## Art and Design and Design and Technology

In art we will be learning about impressionism through the works of Vincent Van Gogh. Later in the term we will creating cave paintings inspired by our history topic.

In DT we will be learning about the key aspects of the design cycle. We will be creating a device help rescue a lost mountain climber. We will be using wires and electrical components to light up a bulb and make a buzzer activate.

## Computing

In computing the children will learn about collaborative working and using shared documents; creating google docs and google slides. We will also be looking at how to create spreadsheets and google forms. In the second part of the term the children will be learning about coding and programming by using scratch.