

**Year group: 2**

**Time Allocation: 1/2 term**

**Date: Autumn Term 2**

**Teachers: Miss Rucroft, Miss Highgate and Miss Smith**

**Literacy/Communication:**

As communicators we will be learning to listen and respond appropriately to adults and our peers. As readers we will be reading a variety of winter themed stories including 'The Owl who is Afraid of the Dark' and 'The Polar Express'. We will use these stories to inspire our imaginative writing and will be learning how to write more detailed descriptions of the characters and story settings within them. Making links with History, we will also be writing in role as a famous explorer, Robert Falcon Scott.

**Maths:**

As mathematicians we will develop our addition and subtraction strategies building on the place value skills we learnt last half term. We will solve simple problems in a practical context involving addition and subtraction of real objects and representations. We will be learning how to measure length accurately using a meter rule and centimetre ruler. We will also be learning how to measure temperature using a simple thermometer when comparing the UK temperatures with the Polar regions.

**Science: Living Things and their Habitat. Animals including Humans.**

As scientists we will identify and name a variety of animals found in the polar regions and explore how they have adapted to the extreme cold conditions. We will develop the skill of asking and answering questions to lead our learning. We will also find out about the basic needs of humans for survival when learning about the problems experienced by Robert Falcon Scott with diet deficiencies,

**History:**

As historians we will find out about the famous explorer Robert Falcon Scott and his expedition to the Antarctic. We will look at two significant people from our locality, William Smith and George Stephenson. We will also compare transport in Victorian times with modern times. We will learn why George Stephenson invented 'The Rocket' and the effect it has had on our lives today.

**Computing: We are researchers**

This half term we will be learning how to search for information using Google. We will be taught how to do this safely and effectively. We will also be using J2 office to create a short presentation about a polar animal.



How does the U.K compare to the Polar Regions?

**The Polar Express**



**WHY?**

To develop knowledge and understanding about the cold regions of the world and compare this with the UK.

**Learning Together**

The children have a spelling book with weekly spellings in for the whole half term. Please could they practise these at home. Also please ensure that your child reads regularly to an adult.

**Core Value**

**Compassion**

**S.M.S.C**

We will explore what it means to live out Jesus' teaching

**Geography:**

In Geography we will be comparing seasonal weather patterns in the UK with the extreme cold areas of the world. We will look at where the Polar regions are in relation to the Equator and ask why they think the poles are very cold. We will be introduced to the basic compass points and use these when talking about maps and globes. We will identify the geographical features of Antarctica and name and locate the world's 7 continents and 5 oceans.

**Art and design:**

As Artists we will be completing the colour wheel challenge to identify primary and secondary colours. We will focus on cold colours and produce our own iceberg painting in the style of a famous artist, Linda Lang.

**Design & Technology:**

Making links with History, we will look at how trains have developed through time. As design technologists we will learn about the parts of a train including wheels and axels. We will then design, make and evaluate our own train as part of a Polar Express challenge. As Food Technologists we will be designing and making our own polar express biscuits.

**RE: Why does Christmas matter to Christians?**

We will be learning to recognise that incarnation is part of the 'Big Story'. We will tell the story of the birth of Jesus and recognise the link with incarnation. We will begin to understand that Jesus is the King' and compare this to what the children already know about kings.

**PSHE: SCARF: Valuing Difference**

We will be identifying some of the physical and non-physical similarities and differences between people. We will also begin to recognise and explain how a person's behaviour can affect other people.

**Music: Active Music: Rhythm and Pulse**

As musicians we will be joining in with a variety of songs and games specifically chosen to develop our understanding of rhythm and pulse.

**PE: Gymnastics and Yoga**

This half term we will be working with an NUFC coach to develop our skills in Gymnastics. This will be every Tuesday and the children should come dressed in their PE kits. We will also take part in a weekly Cosmic Kids Yoga session.