

Geography

What I should already know

Name different types of weather.
Describe and explain what the weather is like in class each day.
Know what sort of weather we expect each season.



Key Vocabulary

Climate
Adaptation
Extreme weather
Flood resistant
Equator
North/ South Pole

The Journey

Look at the different types of extreme weather and the impact it has on the environment and the people who live there.
Discover how buildings have been adapted to withstand different types of extreme weather.
To discover the significance of the equator.

What I will know by the end of the unit

Know the different types of extreme weather and why they happen. Identify hot and cold areas in relation to the equator. Understand how people have adapted to our ever-changing environment.
Know what an extreme weather event is. Identify the location of the equator and the North and South poles.

History

What I should already know

That Antarctica is a continent.
What the weather might be like at Everest and Antarctica.
Have an idea of what an explorer is.



Key Vocabulary

Ernest Shackleton
Explorer
Antarctica
Tenzing Norgay

The Journey

To learn about the life of Shackleton and Norgay through interviews and hot seating. Discover the traitorous routes the explorers took and the qualities required to make the journey and lead a team. Look at the significance of Everest prayer flags to the local people.

What I will know by the end of the unit

Know the journeys that Shackleton and Norgay took including their routes and the qualities needed to lead a team or people.
Create our own version of an Everest prayer flag understanding it's significance.

Knowledge Organiser – Autumn 2 Arctic Explorers Class 1

Science

What I should already know

Can name and categories a variety of animals.
Understand that plants are living things to.
Understand the basic needs of animals, humans and plants need to survive.
Can talk about different animal Characteristics.



Key Vocabulary

Survive
Food chain
Living things
Extreme habitats
Energy
Observation

The Journey

Go out into nature and explore and record the living things around us. Learn about the food chain to gain an understanding of how plants and animals get their energy and the order in which the food chain is represented.
We will look specifically at the food chains linked to the arctic and how animals and plants are able to survive.

What I will know by the end of the unit

Understand what a food chain is and can recall a food chain linked to our arctic explorer's topic.
We will have observed and recorded our findings from the local habitat.
Can talk about living things such as plants that are able to survive in the arctic.

Computing

What I should already know

The children will also know how to use the keyboard correctly and will be able to use a mouse accurately.
They also have some prior knowledge on how to open and save a document.



Key Vocabulary

Shift Keyboard
Edit Undo
Enter Redo
Font arrows

The Journey

This Word Processing Skills unit will teach the children basic typing and word processing skills. Children will learn how to type with two hands, use the shift, space and enter key properly, and edit work by using the backspace, delete and arrow keys. Children will then go on to learn how to use undo and redo and to select and format text

What I will know by the end of the unit

Know how to save your work in a folder.
Know how to use the keyboard and the back space key to edit work. You will also be able to use the shift, space and enter correctly.
How to format the font to your choice.
You will learn to use the undo and redo function correctly.

PSHE

What I should already know
Children should already know about make some good choices and the impact which these choices have on us.

The Journey
This unit will identify the positive impact which working in a team can have on all it's team members. It aims to enable the children to develop successful collaborative working skills, such as good listening.

Key Vocabulary
Team
Group
Community
Unkind
Bullying
Teasing
Choices



What I will know by the end of the unit
Successful collaborative skills
The reasons why we should be kind to others and the impact which it has on others. The route to making good choices.

RE

What I should already know
The children already have an awareness and knowledge about the religion of Hinduism. They know about places of worship and belief in god.

The Journey
In this unit, children will learn about belonging. They will discover how people belong to families and how the word 'family' can mean a multitude of different things. They will consider how people can also belong to communities, clubs and religions.

Key Vocabulary
Community
Belong
Family
Belief
Identity
Symbols
Practises



What I will know by the end of the unit
I will know about belonging to different types of families.
I will learn about different religions and the significance of symbols and belonging to a community.

Art

What I should already know
Observed the changes in the environment across the seasons. Used a variety of materials and techniques.

The Journey
Explore and represent the seasons through collage, brushstroke techniques, loose materials and printing.

Key Vocabulary
Collage
Printing
Monet
Texture
Compare
contrast



What I will know by the end of the unit
Features of the different seasons.
Developed brush stroke techniques.
Know what a collage is. Used vegetables for printing. Used a range of materials and compared other artist's work.

Knowledge Organiser – Autumn 2 Arctic Explorers Class 1

Music

What I should already know
Have experience of singing in front of an audience during our harvest festival performance. Have learnt songs by heart and sang a variety of different genre.

The Journey
We are will be learning some sea shanties to tie in with our arctic explorer's topic. We will then begin to learn our songs, dances and script for the upcoming Christmas performance.

Key Vocabulary
Performance
Sea Shantie
Lyrics
Diction
Harmony
Tune
lyrics



What I will know by the end of the unit
Why sea shanties were important to explorers, helping them on their journeys.
Children will perform in front of a large audience on several occasions singing the songs learnt during music lessons.

Design Technology

What I should already know
Name some types of fabrics. Explored the use of fabric for a purpose. Practised some joining techniques such as glue, sticky tape and staples.

The Journey
Explore a variety of materials and familiar fabrics. Manipulate the materials for a purpose, Learn to attach and join materials together through different techniques.

Key Vocabulary
Fabric
Attach
Sewing
Design
criteria



What I will know by the end of the unit
Chosen appropriate materials and joined them together using a variety of techniques to create a fabric face.

PE

Key skills
PLPS
Gymnastics



MFL

Key Phrases
Un
Deux
Trois
Lundi
Samedi
Dimanche
Janvier
Mars
Septembre

Topic 20 Quiz Autumn 2 – Arctic Explorers Class 1

Geography/History

PSHE

RE

Science

Music

Computing

Art and Design/ Design Technology

Vocabulary – define these words