

Our REAL Project

Project Name

Geographical study
and human impact on
the planet.

Project Summary

It is our aim to instil a love for protecting the planet and a deep understanding of the expeditions of individuals that have had a great impact on our understanding of the wider world. Children will be equipped with an understanding of how, and a desire, to save the planet. As future leaders our children will be equipped with the skills to inform and persuade others to consider how eco-friendly their actions are, whilst promoting fair trade across the globe.

Essential Question

From Antarctica to
the Amazon Rainfor-
est: How can we save
our planet?

How are your children meeting the four components of effective projects?

Rigorous

How will students show in depth subject knowledge?

Through challenge based sessions promoting an understanding of real explorer's expeditions and what we can learn from them.

Development of an explorer log (topic books) to document our learning, magpie key information and to showcase learning experiences across the project.

Real life geographical study focusing on orienteering at a local level to potential for children to discover geocaching beyond their school learning to incite an interest in life long discovery of their world.

Forest school style learning opportunities to enhance understanding of real conditions explorers face.

Engaging

How will students engage with the learning?

The project launch activities will throw the children into discovering the skills an explorer needs to navigate an area. From basic survival skills to preparing for an expedition, the children will take the lead in designing a survival kit.

A weekly orienteering challenge promotes continued opportunities to embed map skills and navigational work.

Through designing posters and persuasive writing texts to promote the protection of endangered species children will be practice in their project, presenting their learning as a documentary at the final exhibition. The children will design and produce everything in their documentaries from the backdrops and animations to composing and recording persuasive voice overs.

Authentic

What will our authentic audience be?

Parents and families will be invited in to the exhibition of final documentaries

Children will have the opportunity to present their persuasive pieces within school to peers in other classes whilst also promoting their enterprise sales to support Fair Trade.

Learning

How will students show their learning of key skills in this project?

Through purposeful weekly outcomes, addressing the key questions and working towards a self directed and produced documentary

From Antarctica to the Amazon Rainforest:

How can we save our planet?

Project Overview

As budding explorers, this term year 3 and 4 will embark upon an adventure uncovering the impact of human life across the globe. From historical to modern day explorers we will develop an understanding of the wider world and the different life within these magical places.

We will discover how to survive in extreme conditions and learn basic first aid to equip us for an emergency.

Through our immersive classrooms we will develop an understanding of the conditions in the Amazon and Antarctica, using a base camp to maintain our explorer logs as our journey unfolds.

It is our vision to equip children, our future leaders, with the information needed to maintain and develop a healthy attitude towards an eco friendly life style and of supporting fair trade within the local community and across the globe.

From deforestation to endangered species, children will develop deep insight into their potential to change the world for themselves and for other humans and living things.

Project Timeline

Week 1: Where is Antarctica?

Orienteering launch: How can we use geographical skills to navigate our local area?

Week 2: What do we need to survive in Antarctica?

Week 3: What did Shackleton discover?

Week 4: What impact have humans had on Antarctica?

Week 5: How can we save the penguins?

Week 6: Which creatures live in the Amazon Rainforest?

Week 7: How can we save the tigers?

Week 8: How can we trade fairly?

Week 9: What is climate change?

Week 10: What is the impact of deforestation on our planet?

Week 11: How can we convince others to save the planet?

Exhibition & Documentary presentation

Curriculum links and focus

Maths - measures, money, data handling, 4 operations, fractions.

English - persuasive writing, debate, poetry, novel study focus on Shackleton's expeditions logs

History/geography- habitats,

Science- testing materials (thermal/ waterproof). Changing temperatures and states of matter. Food chains.

Art- Collage. Henri Rousseau. 3D collaging/ models.

DT- Design and produce a documentary to inform and persuade an audience, including making of sets and backdrops.

Music- compose and perform a song to promote our project

RE- Hinduism and Judaism

PE- gymnastics: combining sequences of moves, performed accurately and safely in unison within a group to recreate the story of endangered species.

Real world experiences

Base camps in classrooms.

Read real explorer logs

Current persuasive information in media circulation for endangered species

Communication across base camps/ across school grounds to complete expeditions/ challenges (hand held radio/ walky talkies)

Designing a survival kit for expeditions

Fair trade experience

Recreating layers of the rainforest making 3D model

First aid training

Immersive Learning

Project launch: Arrive at base camp. Set up explorer logs. Orienteering training

Explorer visit.

Fair trade exploration— COOP links. Local enterprise links.

Manipulating materials to explore effects of temperature— changing states, volume, capacity to thermal and waterproof wear.

Forest school learning: survival skills application.

Project Outcomes

Letter to invite families to join us for our first daily 1k walk

Persuasive writing pieces: Fair Trade promotion, Save the Tigers, Save the Penguins.

Poetry: exploring real life human impact on the Rainforest and Antarctica through dramatic poetry.

Shoe box models to build the layers of the rainforest.

Explorers logs taking form of topic books to document and showcase learning.

Dramatic performances using gymnastics to recreate life in the Rainforest and Antarctica.

Using equipment to explore how living things travel through the layers of the Rainforest.

Prepare a survival kit for expeditions

Learn basic first aid

Survival skills in extreme conditions

Design a documentary including backdrops, videos, voice overs, animations and persuasive speech.

Fair trade chocolate sale— Enterprise.