



Repair the Earth

#Earthshot

The Big Idea...

With global temperatures rising, ice caps melting, rainforests being bulldozed, and oceans being filled with plastic, the future of planet Earth does not always look bright and cheerful. Together with David Attenborough, Prince William has launched #Earthshot to encourage young entrepreneurs to invent more solutions rather than simply being in despair about the problem.

Through our exploration and learning, do we become 'solution finders'? The challenge is on to build a positive future.

As language specialists we will

be looking at 'The Great Kapow Tree' by Lynne Cherry and our class novel 'Journey to the River Sea' by Eva Ibbotson. These books will allow the children to build upon their rich vocabulary. Non-fiction texts – including atlases - will help us to learn how to browse, extract information and construct factual accounts. Grammar and punctuation skills will also be taught through letter writing and recounts and the class will explore verbal skills through role-play and discussion.

As mathematicians we will

be learning about the eight compass points and furthering our understanding of position and direction. We will learn to recall the multiplication and division facts of the 11 and 12 times tables. We will be developing our ability to multiply two digit and three-digit numbers by a one-digit number using a formal written method.

Our Goals as Geographers

We will be able to locate North and South America. We will use maps, atlases, globes and digital mapping to locate the countries and describe features. We will discover the importance of rainforest, tundra and desert and see change over time.

KS2 Curriculum Aims – 'understand the processes that give rise to key physical and human geographical features of the world, how these are interdependent and how they bring about spatial variation and change over time'

Our Goals as Historians

We will look at how significant ecologists have changed the world through their action and ideas.

KS2 Curriculum Aims - gain historical perspective by placing their growing knowledge into different contexts: understanding the connections between local, regional, national and international history; between, economic, political and social history; and between short- and long-term timescales

Our Goals as Scientists

We will be investigating biomes and habitats around the world and the impact of human behaviour on them. Practical investigations will also help us to consider different forms of generating energy.

KS2 Curriculum Aims - 'recognise that living things can be grouped in a variety of ways. To explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment, recognise that environments can change and that this can sometimes pose dangers to living things'

Across the curriculum

As expressive artists

We will be comparing differences in textile pattern from different cultures. We will be creating our very own class Amazon jungle display!

As computer specialists

We will make use of the school's computers in order to prepare a presentation about their ideas for #Earthshot. The children will learn how to scan in their own work, prepare different slides and present their plans to the rest of the class.

As fitness experts

We will learn how to build fitness and stamina by exercising on our rowing machines. We will first learn safe techniques before recording our best performances and then trying to beat them as the weeks progress.

In RE and PSHE

Knowledge of the World

By the end of the half term, children will understand the rich variety of culture around the world and the many different ways of living.

Citizenship

Before we look at the rest of the world, what things do we value about living in Britain? What makes us a British citizen? Are these values found in other countries around the world?

Ambitious thinking

What is it about the way that we live our lives that is fundamental to our wellbeing? What can we do without? What sort of a world do we want for the future?