



Explorers and Adventurers



The Big Idea: Do you love discovering new places? Yes? Well you might just be an explorer. Explorers are people who travel to new places in the world and discover new things that they didn't know existed. So much of what we know today about our world is because we have been explorers in the past. Being an explorer is exciting but scary at the same time.

Within this unit the children will be learning through a range of subjects: Geography, History, Art, Society, Science and International. Through their Geography learning, the children will be finding out how to use geographical terms, how to use different types of world maps, how to look for geographical information and about places we have explored on holiday. In History, the children will be finding out about explorers and adventurers in the past, how to gather information from maps, pictures and books, how to answer simple questions about exploration and how explorers told the time and navigated at sea. In their Art learning, they will be finding out about the artwork of explorer artists, how to draw plants and animals with accuracy and how to draw an imaginary plant or animal. Through their learning in their Society lessons the children will be finding out if we think exploration is a good thing, about conflict and exploration in the past and about female explorers in the past and today. In Science the children will be finding out about shadows and the sun, about magnetism and which metals are magnetic, how to make a compass and about using sound and echoes. In their International lesson, the children will be finding out how exploration has changed the world and who owns the Moon and planets in space.



Additional learning opportunities: The children have the exciting opportunity to take part in a paired treasure hunt, conquering obstacles in their way like true explorers.

Feel the force



The Big Idea: Without forces to push and pull us along, nothing on Earth or in the wider Universe would move. Forces are so important that it is almost impossible to imagine a world without them – and yet, they are invisible.

Within this unit the children will be learning through a range of subjects: Science, Technology and International. Through the Science learning targets the children will be finding out about what forces are and where they come from, what friction is and how we use friction, how we can reduce or increase friction, how to measure the strength of a force and how magnets and magnetic forces work. In Technology the children will be finding out how to design and make a marble run. In their International learning the children will be finding out about extreme and dangerous forces.



Additional learning opportunities: Children will be able to experience the forces of friction by exploring a range of moving toys and identifying how they work and how the force affects the way that they move.



Saving the World



The Big Idea: Rainforests once covered 14% of our world's surface. Now they cover less than 5%. Every second, an area of the rainforest the size of a football field is being destroyed. Some scientists believe that, if we lose our rainforests, we might put our whole planet at risk. What will we do to help save the rainforest?

Within this unit the children will be learning through a range of subjects: Geography, ICT and Computing, Art, Science, Technology, Music, PE and International. Through their Geography learning, the children will be finding out about where rainforests are in the world, which rainforest products we use in our everyday lives, about the lives of rainforest people and how they compare with our own, how and why the rainforest is being destroyed and discovering the ways that people are trying to save the rainforest. In ICT and Computing, the children will be finding out how to program and share our own rainforest-themed computer game. In their Art learning, the children will be finding out about rainforest body art and painting our faces in a similar style and how we can use art to create a rainforest scene. In Science, the children will be finding out about different rainforest animals and plants, where different animals and plants live in the rainforest, about rocks and soils found on the forest floor, about colour in the rainforest and how it is used by animals and plants, why plants have leaves and why they can be different, about the best conditions to grow a plant, about rainforest fruits and seeds and how to grow our own rainforest plant from a seed. In their Technology learning the children will be finding out how to make their own tropical fruit drink. In Music, the children will be finding out how to represent a rainforest scene using music. In their PE lessons, the children will be finding out how to represent a rainforest scene using dance and mime. In their International learning, the children will be finding out how different countries and organisations are helping to save our rainforests.



Additional learning opportunities: The children will learn about rainforests around the world. They will be researching all about rainforests and discuss how we should all take responsibility for our beautiful world.

How Humans Work



The Big Idea: Your body is like an engine that never stops working. By knowing how your body works you can learn to look after it better and stay healthy.

Within this unit the children will be learning through a range of subjects: Science, Technology and International. Through the Science learning targets the children will be finding out that they need light in order to see, about the differences between human teeth and animal teeth, how our body uses food and water, how our heart works to keep us alive, all about skeletons and muscles, about the human life cycle, why exercise is good for us, how food keeps us healthy and how tobacco and alcohol harm the body. In Technology the children will be learning about how to plan healthy meals. Through their International learning the children will be finding out about people's health problems and how we can improve the health of the world's children.



Additional learning opportunities: The children will be exploring the affects that exercise has on their bodies. They will participate in a series of physical activities and observe and record the affect that this happens on the body.



Scavengers and Settlers

The Big Idea: Humans are special. Unlike other animals, we can adapt and learn new skills in order to survive, which is exactly what our ancestors did in the Stone, Bronze and Iron Ages.



Within this unit the children will be learning through a range of subjects: History, Art, Technology and International. Through their History learning, the children will be finding out how fossils are made and what we can learn from them, what our earliest ancestors might have looked like, how our ancestors were able to survive, how to use archaeological evidence to find out about a prehistoric hunter, where our ancestors settled and how they live, how we can learn about the past by investigating a Stone Age village and what life was like during the Bronze Age and Iron Ages. In Art, the children will be learning how to create our own prehistoric cave paintings and how to make and decorate pottery, based on one of the periods we have explored. Through the Technology learning targets, the children will be finding out about the types of foods that the first farmers would have grown and how we can update the dishes that the early settlers may have eaten. In their International learning, the children will be finding out how we can work together to learn new skills and achieve our goals.



Additional learning opportunities: The children will have the exciting opportunity to explore and build shelters similar to those used by the early man to protect themselves from the harsh environment that they lived in.

Let's Plant It

The Big Idea: Plants grow in all corners of the globe – even in extremely hot and extremely cold places. This is good news for people and animals because without plants we couldn't live...



Within this unit the children will be learning through a range of subjects: Science, Technology, Geography and International. Through the Science learning targets the children will be finding out about plants in our local area, what plants need in order to grow, water transport within plants, local food chains, why plants have leaves and about different rocks and soils. In Technology the children will be learning how to make a garden obelisk. Through their Geography learning the children will be finding out where the plants we eat come from. In their International learning the children will be finding out about how eating more crops can make a difference to the world.



Additional learning opportunities: The children will be given the opportunity to plant and grow their own plants over the course of the unit to help them understand what plants need in order to survive. They will be able to observe and record the changes in their plants as they grow from a seed to an adult plant.