

International Primary Curriculum

Year 4

Feel the Force

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. We can't see them but we can feel and experience them.

In Science, we'll be finding out:

- 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
- How to make a force meter

In Technology, we'll be finding out:

- How to design and make a marble run

In International, we'll be finding out:

- About extreme and dangerous forces

Saving the World

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?

In Geography, we'll 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
- Discovering the ways that people are trying to save the rainforest

In ICT, we'll be finding out:

- How to program and share our own rainforest-themed computer game

In Art, we'll be finding out:

- About rainforest body art and painting our faces in a similar style
- How we can use art to create a rainforest scene

In Science, we'll be finding out:

- About different rainforest animals and plants
- Where different animals and plants live in the rainforest
- 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
- How to grow our own rainforest plant from a seed

In Technology, we'll be finding out:

- How to plan and make our own tropical fruit drink

In Music, we'll be finding out:

- How to represent a rainforest scene using music

In Physical Education, we'll be finding out:

- How to represent a rainforest scene using dance and mime

In International, we'll be finding out:

- How different countries and organisations are helping to save our rainforests

Shake it

How do you turn a liquid such as milk into a solid? With magic? No - with science! Can we get the liquid back once it has been changed? Is this a reversible or irreversible change? We are going to find out by turning a liquid into a solid to make butter and cheese, and then combining solids, liquids and gases to make milkshakes.

In Science, we'll be finding out:

- How we can change milk into a solid
- What happens when butter is heated
- About the behaviour of gases in liquids
- Which solids will dissolve in a liquid
- About the science of making milkshakes

In Technology, we'll be finding out:

- How to design and make a hand whisk

In International, we'll be finding out:

- Why milk is scarce in some countries

Explores and Adventurers

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. Could you be an explorer? Let's find out.

In Geography we'll be finding out:

- How to use geographical terms
- How to use different types of world maps
- How to look for geographical information
- About places we have explored on holiday

In History, we'll 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
- How explorers told the time and navigated at sea

In Art, we'll be finding out:

- About the artwork of explorer artists
- How to draw plants and animals with accuracy
- How to draw an imaginary plant or animal

In Society, we'll be finding out:

- If we think exploration is a good thing
- About conflict and exploration in the past
- About female explorers in the past and today

In Science, we'll be finding out:

- About shadows and the sun
- About magnetism and which metals are magnetic
- How to make a compass
- About using sound and echoes

In International, we'll be finding out:

- How exploration has changed the world
- Who owns the Moon and planets in space

History- Temples, tombs and treasures

The people who helped create the first great civilisations were not unlike you and me. Today we can learn a lot about these people and their way of life through the things they left behind - from everyday objects to magnificent and rare treasures.

In History, we'll be finding out:

- Why rivers were important to ancient civilisations
- What daily life was like in Ancient Egypt
- How to write using Egyptian hieroglyphics
- About the different rulers of Egypt
- About Ancient Egyptian religion and burials
- How the Ancient Egyptians might have built the pyramids
- About the treasures discovered in Tutankhamun's tomb
- How to use different sources to find out about Ancient Sumer
- How to compare life in Ancient Sumer with life in Ancient Egypt

In Music, we'll be finding out:

- About the instruments used in Ancient Egypt and Ancient Sumer
- How to create our own music to retell a story from an ancient civilisation

In Art, we'll be finding out:

- How to plan and create our own tomb wall painting
- How to make an Ancient Egyptian headdress

In International, we'll be finding out:

- How to plan an Ancient Egyptian celebration to share with friends and family

Do you live around here?

Does anyone want to go home? That's exactly where we are going now! Home is the place where we live. Somewhere we can rest and feel safe. Animals have homes, too. Some animals (our pets) live with us in our homes others are wild and live in their natural habitat.

In Geography, we'll be finding out:

- About homes around the world
- About the ways in which different people live their lives
- About homes in our home countries and host country

In Technology, we'll be finding out:

- How to design a comfortable shelter
- How to make mud bricks
- How to make a shelter from straw
- How to design a house using local materials

In History, we'll be finding out:

- About the different homes we have lived in
- Whether homes in the local area have changed

In Art, we'll be finding out:

- About prehistoric cave paintings
- How to make paints from natural materials
- About folk art such as sand painting
- About artists who are inspired by the local habitat

In Science, we'll be finding out:

- About different habitats within the school grounds
- How to investigate a local habitat
- About pond life and how it has adapted
- How to sort animals into groups
- Who eats who - food chains and food webs
- Seasonal changes to habitats and migration

In International, we'll be finding out:

- About homes and habitats in different countries
- About habitats of global importance that are at risk