



IPC Curriculum Overview

Milepost 1 –Year 2

Autumn

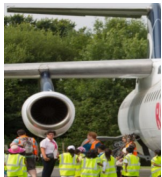


From A to B



The Big Idea: Every day people all over the world make different types of journeys – on land, on sea and in the air. To make these journeys we have invented lots of different ways of getting from A to B.

Within this unit the children will be learning through a range of subjects: Geography, History, Art, Science, Technology, Music, Society, ICT and Computing and International. In Geography, the children will be finding out how we travel to school, how to make maps to record our journey to school, how to create our own train journey around the host country, how we can travel to different countries and how to create our own activity holiday. Through their learning in History, the children will be finding out about transport in the past, how to make a timeline to show when different types of transport were invented and about exploring different types of transport from myths and legends. In their Art learning, the children will be finding out how to create our own futurist painting to capture the speed and movement of transport and how to create a boat collage in the style of Turner and Monet. In Science, the children will be learning how to make our own sail boats and aeroplanes. Throughout the Technology learning targets, the children will be finding out how to make a 'vehicle' to transport a small toy from one place to another, how to make plans for vehicles and how to test our vehicles to see how well they work. When learning through Music, the children will be finding out about the sounds different types of transport make and how to create our own 'sound journey'. In Society, the children will be finding out how to cross roads safely, about bicycle and road safety and about people with restricted mobility. Through the learning taking part in ICT and Computing, the children will be learning how to create a simple algorithm, how to program Bee-bots to follow precise instructions and about multi-player online gaming and how to stay safe online. In their International learning, the children will be finding out how children around the world travel to school.



Additional learning opportunities: The children will be given the exciting opportunity to watch a real life space launch. They will also be able to make their own rockets using junk model materials and will have the chance to 'launch' their hand made rockets into 'outer space'.

Live and Let Live



The Big Idea: What do living things such as animals and plants need in order to survive and grow? Do humans have the same needs? What is the difference between a living thing and something that has never been alive?

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 animals and humans need to survive, how living and non-living things are different, how animals and humans grow and change, how to attract wildlife to our environment and how to sort living things into groups. In Technology, the children will be exploring different types of bird feeders and then using this knowledge to design and make their own. Through their International learning, the children will be finding out about different animals and plants from around the world.



Additional learning opportunities: Children will participate in an exciting bug hunt around the school grounds and into The Peace Garden to see what interesting and fascinating creatures are living in our local area.



Spring

Time Travellers

The Big Idea: To step back in time we have to become a history detective. We have to find and solve the clues to unlock the mysteries and meaning of past events.



Within this unit the children will be learning through a range of subjects: History, PE, Technology and International. Within their History learning the children will be finding out about how to create a timeline, about events that are important to us, how to use objects to find out more about an event, about important events that happened in our local area, how we can find out about an event by interviewing someone who was there, how to use different sources to learn about a national event and about events of global significance by asking and answering questions. In PE, the children will be finding out how to perform a traditional dance and how to create a dance. In their Technology learning, the children will be finding out about favourite meals from 50 years ago, about food groups and healthy eating and where food comes from. In their International, the children will be finding out about different festivals from around the world and how we can compare different festivals from around the world.

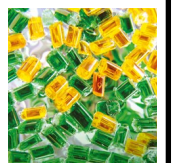


Additional learning opportunities:

The children will have the exciting opportunity to dress up as a famous person from the past and will make a history video to share with pupils from other year groups and also proud parents.

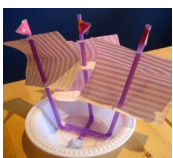
What is it made of?

The Big Idea: Everything we touch is made up of a material: wood, plastic, fabric, glass, gold, steel, etc. We use different materials to make different objects. Why? We are going to find out!



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 objects are made of, how we use different materials, what is similar and different between materials and how we can group them, where materials come from and how to choose the most appropriate material for the task we have planned. In Technology, the children will be planning and designing a classroom make over thinking about their learning linked to different materials. In their International learning the children will be finding out about the materials that are used to build homes, why plastic waste is a global problem and what we can do about it.

Additional learning opportunities: The children will have the exciting and fun opportunity to make junk model boats using the knowledge that they have gained about materials and how to choose the most appropriate materials for the task. Once made, they will have the chance to 'sail' the boats to see if their choices of materials were appropriate to the challenge they had been set.





Treasure Island



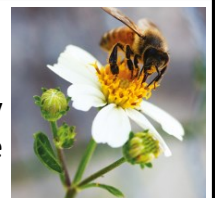
The Big Idea: Since people first sailed on the oceans, there have been pirates, who have been both fascinating and feared in equal measure. Your class will find out who these people were, and how they lived and travelled. Ahoy mateys! Let's explore the globe like pirates!

Within this unit the children will be learning through a range of subjects: Geography, Art, Music, Technology, International and Physical Education. In their Geography learning, the children will be finding out about the islands that you find around the world, about the names of places that pirates travelled, about the islands that make up the UK and other locations, and the different features you see there, about the weather and climate in different places that pirates visited, about how pirates navigated around the world, how to plan a pirate island and how to give directions using a map. In Art, the children will be finding out about different coin designs, how to design, create and evaluate our own pirate coins and how to design, create and evaluate a treasure chest. In their Music learning, the children will be finding out how to sing pirate songs, how to compose and play music inspired by pirates and the sea and how to listen to, and evaluate music we have made. In Technology, the children will be finding out about the foods pirates ate, about where food comes from in the world, about a healthy diet and how to plan a pirate packed lunch. In their International learning, the children will be finding out about rules that pirates followed, about the roles and responsibilities pirates had on board and how to stay safe near the water. In PE, the children will be about how to play pirate games in teams, about how to create a pirate-inspired dance and how to participate in team games, using skills such as throwing and catching.



Additional learning opportunities: The children will have the exciting opportunity to take part in a pirate themed fun day, exploring life as pirates. Children will be able to dress up as a pirate.

Flowers and Insects



The Big Idea: Have you seen any flowers today? Where did you see them? Have you seen any insects? Where did you see them? Flowers and insects need each other. Without insects there would be no flowers. And without flowers insects would go hungry.

Within this unit the children will be learning through a range of subjects: Science, Geography, Art, Music, Society and International. In their Science learning the children will be finding out about where flowers and insects prefer to live and grow, how and where seeds grow, how to set up tests to discover how plants use water, how to grow lots of different things, how beans grow, about the life cycles of insects and about ants and bees. In Geography, the children will be finding out about honey and silk productions and about the Monarch butterfly migration. Through their Art learning, the children will be finding out paintings of animals and insects, how to make paintings and models of flowers and insects, how to use symmetry to make paintings of insects and how to create a garden in the classroom. In Music, we'll be finding out about the music of the famous composer, Rimsky-Korsakov and how to create our own music. Through their Society learning, the children will be finding out about keeping stick insects as pets and about people who help us. In the International learning targets the children will be finding out about flowers and insects from the host and home countries, about how climate and weather patterns affect life around the world and about flowers as emblems for different countries.



Additional learning opportunities: The children will be given the opportunity to explore the local area and school grounds to make observations and record findings of plants growing in our area. The children will be taking photos and drawing sketches of the plant they see and then make comparisons.