



IPC Curriculum Overview

Milepost 1 –Year 1

Autumn



The Magic Toymaker



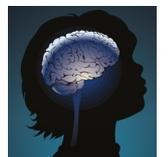
The Big Idea: Toys come in many shapes and sizes. They are made of different materials but all are designed for us to have fun with, to learn new skills and to exercise our bodies and our imagination.

Throughout this unit, the children will be learning through a range of subjects: History, Science, Technology, Physical Education, ICT and Computing and International. In their History learning, the children will be finding out about toys and games from the past, how to decide if a toy is new or old, how to create our own toy museum and how we can learn about the past in different ways. In Science, the children will be learning about how to sort toys based on what they are made out of, which materials can be bent, squashed, twisted or stretched, what materials are best for making a bath toy and about pushes and pulls, and how things move. In their Technology learning, the children will be finding out about ‘magic’ toys that fool our eyes, how to design and make our own board game and how to design and make our own puppets. In Physical Education, the children will be learning about how different toys move and how to attack and defend. In their ICT and Computing learning targets, the children will be finding out how to make our own space-themed computer game. Through the learning target in their International lessons the children will be finding out about a popular game from another country and teaching others how to play it.



Additional learning opportunities: The children will be given the exciting opportunity to see toys from the past. The children will be making their own puppets (in the style of toys from the past) and using these to create their own puppet shows.

Super Humans



The Big Idea: Your body is a bundle of bones, muscles, senses and nerves all connected together to make you a human. But do you know how these parts of your body work with your brain?

Within this unit the children will be focusing on a range of subjects: Science, Technology and International. Within the Science learning targets, the children will be finding out about their bodies, senses and how to be healthy. Through Technology, the children will learn how to plan a healthy meal. In their International learning, the children will be finding out about malaria and how it can be prevented and how we can improve the health of the world’s children.



Additional learning opportunities: The children have took part in a body MOT. Children will move around different stations looking at the effect of exercise on the body linking to their heart rate and temperatures. They will also learn about the importance of healthy eating and designing their own healthy meals.



People of the Past

The Big Idea: History is one big story, filled with important people who did many great things - scientists, rulers, artists, writers, explorers. By learning about these people and what they did, we can find out more about the qualities that make someone great.



Within this unit the children will be learning through a range of subjects: History, Music, Art and International. Through their learning in History, the children will be finding out about the different decisions that rulers had to make in the past, how to use a living graph to explore how a person from history might have been feeling, about the life of a famous explorer using maps and role play, how to compare the lives of two different explorers, about the achievements of important scientists and inventors and about what life was like at different times in the past. In Music, the children will be finding out about the life and music of a famous composer and how to use music to tell story of our famous composer. In Art, the children will be finding out what we can learn about a person from their portrait, how to create a portrait of a friend, about the work of famous artist and how to paint a scene in the style of a famous artist. Through the International learning targets, the children will be finding out about the ideas of fairness and what it mean and why some people in the past wanted to make a change.



Additional learning opportunities: The children will be given the exciting opportunity to dress up as a famous person from the past. They will be sharing information about their famous person with others in their class.

The Earth Our Home

The Big Idea: All living things – plants, animals and people – have a home or somewhere to live that we call a ‘habitat’. A habitat can be huge like the ocean or small like a leaf. A habitat could be a forest on the other side of the world or it could be a tree in our local area.



Within this unit the children will be learning through a range of subjects: Science, Technology and International. In Science the children will be finding out about plants and animals that live in the forest, different types of trees, plants and animals that live in different habitats and how to sort all living things into different categories. They will also be finding out about micro-habitats and the animals that live there as well as how animals can adapt to survive in their surroundings. Through the Technology learning targets the children will looking at how to make a habitat and a nesting box for bees. Through their International learning the children will be finding out the different ways we can help our planet.



Additional learning opportunities: The children will have the opportunity to explore the local area in search of microhabitats. They will investigate the different species of animals that can be found living in their local surroundings.



Summer



Hooray! Let's Go On Holiday!

The Big Idea: Holidays are special days when we take a rest from school and work. Our holidays in the past were very different from holidays today. Now that we can travel to all parts of the world and even space, who knows where we will go for our holidays in the future?



Within this unit the children will be learning through a range of subjects: Geography, History, Art, ICT and Computing, Society and International. Through their Geography learning, the children will be finding out about the places people go to on holiday, how they get to their holiday destinations, some of the things people do on holiday, what people wear on holiday and how tourism can spoil holiday places. In History, they will find out about the holidays that we have had in our own past, about the holidays that our families and other people have had in the past, what is the same and what is different between holidays in the past and today, and about some of the wonders of the world. In Art, they will be finding out how to create a sand art sculpture, about some of the pictures that are used to record holidays, how we can record our holidays and about the designs of some holiday souvenirs. In ICT & Computing, they will be finding out how to use mapping software. Through their Society learning, the children will be finding out how to stay safe on holiday and what a pilgrimage is. In their International learning they will be finding out what is the same and what is different between the lives and home countries of the different children in our class, how to greet people in different languages and about future holidays in space.



Additional learning opportunities: The children will be given the exciting opportunity to visit the beach—a typical British holiday destination.

Green Fingers

The Big Idea: Plants are living things – they grow when we give them enough sunlight, food and water. Plants give us food to eat, clean air to breathe and materials to build our houses and furniture. We can use plants to make clothes and medicines, and to decorate our gardens.



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 the plants that grow in their local area, the different parts of a plant, what they need in order to grow and how to care for a plant. In Technology the children will be researching different types of watering devices for plants and using this to design and make their own. Through their Geography learning the children will be finding out about plants that grow in other countries around the world. In the International learning targets the children will be finding out how people in other countries use plants and how eating more plants could make a difference to the world in which they live.



Additional learning opportunities : Parents are invited into school to share a learning activity with the children. During this activity the children will be planting their own 'Herby Head' that they will learn to care for throughout the course of the unit.