



Nurturing Nature: Engaging and taking responsibility

Science and sustainability will be the driving force behind our units in our theme of 'Nurturing Nature'. Children will learn about the delicate balance of nature and the world around us and the impact of humans and their decisions on this balance. Children will investigate topics that impact climate change, biodiversity and habitats and become problem solvers of the future: developing solutions that protect the world and its sustainability. Fieldwork will play an important role in allowing children to investigate locations, spot patterns and developing their understanding of sustainability.



Year 4 - Energy

Children will learn about the delicate balance of nature and the world around us and the impact of humans and their decisions on this balance. Throughout this unit, children will explore the impact of renewable and non-renewable energy on our planet and through an enquiry process, look at how as a school and future generation we can solve some of the issues faced – changing behaviour and raising awareness of what could ultimately be a problem in years to come. Through **Catholic Social Teaching**, children will be able to talk about *stewardship* in relation to looking after God's world.

Children will begin by looking at why sources of energy are changing and through group work look for solutions on a local and global level: developing solutions that protect the world and its sustainability. Throughout the enquiry process, children will explore and apply a variety of the **6Cs**.

Theme Impact

Children will have a deeper understanding of the impact of our actions on our planet, in particular the use of different sources of energy. They will understand why it is crucial to use renewable energy sources and live a more sustainable life. Pupils will use creativity to create logical plans and solutions to the problem of non-renewable energy and sustainable living.

Catholic Social Teaching

Stewardship

Children will develop their understanding further of living sustainably for the common good. They will discuss the dignity in work when creating a sustainable world for the good of others, remembering that together we are working together to build God's kingdom. They will continue to embed the teachings of human dignity to explore human actions in creating a sustainable world.

Application

How can we become more energy sustainable?

Application in this theme will be through the enquiry project. Children will have a number of opportunities to explore the 6Cs, eventually presenting their work on how we can become more energy sustainable at school. For example, composting food waste from lunches and being Eco Buddies around the school. Children will also present solutions to the problems they have found and how they can contribute towards a more sustainable life.

Wider Curriculum

As well as exploring energy, children will continue to learn in other areas of the curriculum alongside their theme. These areas include...

D&T

CAMs Project

PE

Football and Badminton

MFL - French

Au Café

Cooking

Fruit fool

Class Reader

