

Year Two Explore Spring Term 2022

Explore:
During this project, the driving subjects are Geography and Design & Technology. We learn about real-world issues and how we can make a difference, learning about different places and communities and how technology can improve people's lives.

Project Launch: Religious Education
Holy Books and Stories
We begin learning about our project values by exploring what makes some books holy. We learn from Islamic religious stories like the Zamzam Well, when Hajar feels a **responsibility** to her God. In the Christian story of the Prodigal Son, we find out about how **choices** can be both good and bad and that there are **consequences** for actions. We find out how by showing **compassion** for his lost son, a father made his other son feel betrayed - as if he was being **unfair**.



Geography:
We delve into the Amazon Rainforest! Maps, atlases and aerial photographs help us to discover its physical features and contrast them with our own local area. We can use them to spot continents and oceans as well as looking more closely for rivers, mountains, cities and towns. We learn about the impact of deforestation on the rainforest and how the Amazon rainforest is the lungs of the world.

Week 1

Weeks 2, 3 & 4

Design and Technology:
Exploring Existing Products: We find out about different kinds of vehicles and the role of electric cars. We compare the environmental impact of electric cars to petrol powered cars. We explore vehicle designs and consider who might want to buy different types of car.

Science: Plants:
We learn to observe and describe how seeds and bulbs grow into mature plants and find out and describe how plants need water, light and a suitable temperature to grow and stay healthy. We investigate planning our own fair test.

Music:
We listen to and learn songs about the rainforest and perform with others, describing the dynamics of music. We create our own rainforest soundscape creating musical patterns and recording our compositions.

Art:
We develop drawing skills based on observation techniques and work together to create a 'Forest Floor' picture. We explore and investigate ways of using lines, shapes and textures to create our own single line pictures.

Week 6

Week 5

Week 7

HALF TERM

Weeks 8-11

Design and Technology:
We continue to research different kinds of cars, finding out what makes them useful as well as what makes them appealing, using this knowledge to design our own. We learn how to cut and join wood in order to make wooden frames for our electric cars, incorporating motors and batteries so they can be truly electric. We build our technical knowledge by learning how wheels and axles work, including them in our designs and attaching them to our cars. Once we are finished, we have lots of fun testing out our electric vehicles!

Religious Education
Easter
We find out about, and retell, the important events in the Easter story.

Week 13

Answering the Project Question:
At the end of the project, we reflect on all of our learning and answer our project question: what makes a house a home?

Week 12

Science:
Living Things and their habitats
We explore the differences between things that are living, dead, and things that have never been alive. We learn that most living things live in habitats to which they are suited and we describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other. We identify and name a variety of plants and animals in their habitats, including micro-habitats.

Whose responsibility is it to look after the air we breathe?

