

Science - Plants

identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers

explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant

investigate the way in which water is transported within plants

explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal

Living things and their habitats

describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird

describe the life process of reproduction in some plants and animals

Animals, including humans

describe the changes as humans develop to old age

Scientific enquiry

planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary

taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate

recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs

using test results to make predictions to set up further comparative and fair tests

reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and a degree of trust in results, in oral and written forms such as displays and other presentations

identifying scientific evidence that has been used to support or refute ideas or arguments



Design and Technology Cam toys – rainforest designs

Make

select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately

select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities

Evaluate

investigate and analyse a range of existing products

evaluate their ideas and products against their own design criteria and consider the views of others to improve their work, understand how key events and individuals in design and technology have helped shape the world

Technical knowledge

apply their understanding of how to strengthen, stiffen and reinforce more complex structures

understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages]

Geography - Rainforests

locate the world's countries, using maps to focus on Asia, South America and Australasia concentrating on their environmental regions, key physical and human characteristics, countries, and major cities

name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time

identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night)

understand geographical similarities and differences through the study of human and physical geography of a region of South America

physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle

human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water

use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied

Area of learning: Music

Class Orchestra - Ukulele

ICT - We are artists/ We are web developers

Develop an appreciation of the links between geometry and art
Become familiar with the tools and techniques of a vector graphics package
Develop an understanding of turtle graphics
Experiment with the tools available, refining and developing their work and responding to feedback from their peers
Develop some awareness of computer generated art
Develop their research skills to decide what information is appropriate
Understand some elements of how search engines select and rank results
Question the plausibility and quality of information
Develop and refine their ideas and text collaboratively
Develop their understanding of e-safety and responsible use of technology

PE – Gymnastics - flight

develop flexibility, strength, technique, control and balance [for example, through athletics and gymnastics]

use a range of movement patterns

Compare their performances with previous ones and demonstrate improvement to achieve their personal best.

Games – hockey

To be able to control the ball by dribbling and using a stick.

To pass to the right and left whilst travelling

To pass the ball whilst travelling up the court and to shoot with speed from appropriate positions.

To use tackling to take possession of the ball.

To refine passing and shooting skills

Art and Design - Rainforest Landscapes

to create sketch books to record their observations and use them to review and revisit ideas

to improve their mastery of art and design techniques, including drawing, painting and collage using a range of materials

learn about great artists in history who painted the natural world

Area of learning: RE

How can Brahman be everywhere and in everything?
Learning to understand the belief that there is one God with many different aspects.

Did God intend Jesus to be crucified and is so was Jesus aware of this?

Learning whether God intended Jesus to be crucified or whether Jesus' crucifixion was the consequence of events during Holy week.

Area of learning: PSHE

Visit to Hindu temple

Lifestyles & Cultures

To understand how to make informed choices and to begin to understand the concept of a balanced lifestyle

British Values

To understand about respect for and tolerance of different faith religions and other beliefs.

To understand support for equality and opportunity for all.

Aspirations

To reflect on and celebrate their achievements, identify their strengths, areas for improvements, set high aspirations and goals

To understand enterprise and the skills that make someone successful

Area of learning: French

Prepare and practise a simple conversation, re-using familiar vocabulary and structures in new contexts

Understand and express simple opinions

Listen attentively and understand more complex phrases and sentences

Re-read frequently a variety of short texts

Make simple sentences and short texts

Write words, phrases and short sentences, using a reference

Look at further aspects of their everyday lives from the perspective of someone from France

Make a simple story book

Develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases

Appreciate simple stories, songs, poems and rhymes in French