

### **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

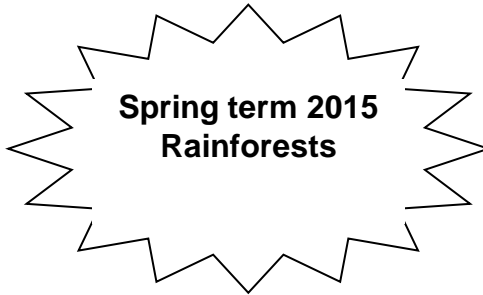
taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate

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