

Key Objectives (Year 5/6)

Class 4	The Rainforest	2019/20
Numeracy	See Numeracy planning	
Literacy	See Literacy planning	
Science All living things and their habitats.	<p>Y5 To describe the life process of reproduction in some plants and animals by exploring sexual reproduction in plants.</p> <p>To describe the life cycle of a mammal by exploring the life cycles of different mammals. To describe the life process of reproduction in some plants and animals by describing sexual reproduction in mammals. To look at the differences in the life cycles of an amphibian and an insect by exploring complete and incomplete metamorphosis</p> <p>To describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird by describing and comparing different life cycles, including birds.</p> <p>Y6 To give reasons for classifying plants and animals based on specific characteristics in the context of sorting and grouping animals for a zoo.</p> <p>To describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals by finding out about the Linnaean System of classification.</p> <p>To identify the characteristics of mammals, birds, insects, reptiles, amphibians, fish, arachnids, annelids, crustaceans, echinoderms and molluscs.</p> <p>To explore helpful and harmful microorganisms.</p> <p>Identifying scientific evidence that has been used to support or refute ideas or arguments. Presenting findings in written form, displays and other presentations.</p>	
RE/PSHE	How do Christians perceive the birth of Jesus?	
Humanities Geography	<p>Identify and describe the geographical significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, and time zones.</p> <ul style="list-style-type: none"> • <u>Physical Geography</u> To understand the Amazon's climate, biomes and vegetation belts and how the native animals are adapted to it. • Use a range of geographical resources to give detailed descriptions and opinions of the characteristic features of a location. • To understand geographical similarities and differences through the study of human and physical geography of a region in South America. • To extend their knowledge and understanding beyond their local area to name and locate the countries of South America .(physical and human characteristics). • Identify and describe how the physical features affect the human activity 	

	<p>within a location</p> <ul style="list-style-type: none"> • Locate the geographic zones of the world and understand the significance of the geographic zones of the world. <p>Human geography, including: settlements, land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals, and water supplies.</p> <p>Use fieldwork to observe, measure and record the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs and digital technologies.</p>
<p>Art/Design and Technology</p>	<p>To select from and use a wide range of materials and components, including construction materials, textiles according to their characteristics.</p> <p>Collage: Mix textures (rough and smooth, plain and patterned). Combine visual and tactile qualities.</p> <p>Drawing: Use a variety of techniques to add interesting effects (e.g. reflections, shadows, direction of sunlight).</p> <p>Choose a style of drawing suitable for the work (e.g. realistic or impressionistic).</p> <p>Give details (including own sketches) about the style of some notable artists, artisans and designers. Show how the work of those studied was influential in both society and to other artists.</p> <p>Painting: Create original pieces that show a range of influences and styles. Sketch (lightly) before painting to combine line and colour..</p> <ul style="list-style-type: none"> • Use the qualities of watercolour and pastels to create visually interesting pieces. • Combine colours, tones and tints to enhance the mood of a piece. • Use brush techniques and the qualities of paint to create texture.
<p>Computing</p>	<p>Multimedia Research weather forecasts and use data from weather websites to make predictions.. Select appropriate applications to devise, construct and manipulate data and present it in an effective and professional manner. (Greenscreen app).</p> <p>E safety I am kind and responsible: Agree class rules, include cyberbullying messages in anti- bullying week. Collaborate with others online on sites approved and moderated by teachers.</p> <ul style="list-style-type: none"> • Give examples of the risks of online communities and demonstrate knowledge of how to minimise risk and report problems. • Understand and demonstrate knowledge that it is illegal to download copyrighted material, including music or games, without express written permission, from the copyright holder. • Understand the effect of online comments and show responsibility and sensitivity when online.