

*The Ryde School*  
Curriculum Information  
Summer Term 2022  
Year 6

Curriculum Area	Topics Covered
Art	<p><b>Digital media:</b> To create and enhance digital media by editing (including sound, video, animation, still images and installations).</p> <p><b>Collage:</b> Select and arrange materials for a striking effect. Ensure work is precise. Mix textures (rough and smooth, plain and patterned). Combine visual and tactile qualities.</p>
Religious Education	<p><b>Ultimate questions:</b> To explore what Christians, Jews and Buddhists believe after death. To explore the question: what is heaven like? To reflect on what is meant by a 'soul'. Children to explore a range of different creation stories from different religions. Children to explore scientific theories of big bang and evolution. Children to reflect on why creation stories exist. To explore the ways that God is described in different faiths. Reflect on why natural disasters etc exist if God is an all loving creator.</p>
Design and technology	<p><b>Food and nutrition:</b> Understand the importance of correct storage and handling of ingredients (using knowledge of micro-organisms). Measure accurately and calculate ratios of ingredients to scale up or down from a recipe. Demonstrate a range of baking and cooking techniques. Create and refine recipes, including ingredients and methods.</p>
Geography	<p><b>Terrestrial biomes (forests):</b> To name and locate the countries of South America and identify their main physical characteristics. To describe the features of different forests e.g. temperate deciduous forest, deciduous rainforest, tropical rainforest. To describe the similarities and differences between different forests. To use a range of resources to give detailed descriptions and opinions of the characteristic features of a forest. To collect and analyse statistics and other information in order to draw clear conclusions about the forests. To identify how aspects of human and physical characteristics and land-use patterns have changed over time. To describe how rainforests are changing and explain some of the reasons for change. To express well-balanced opinions, from knowledge and understanding about current issues. To describe and understand key aspects of biomes, vegetation belts and rivers in a rainforest. To identify and describe the geographical significance of Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn. To use an extensive geographical vocabulary.</p>
History	<p><b>Conflict:</b> To use a timeline to sequence the key events of the War of the Roses. To use sources to find out about Tudor crime and punishment. To investigate the possibilities of the decline of the Maya empire. <b>Settlements:</b> To name some of the most important towns and cities in Tudor England. To describe the different ways in which Tudor houses changed over the Tudor period. To interpret sources to explain a range of reasons why people moved to the towns in the 19th century. To compare and contrast the different types of architecture in Maya society.</p>
Information technology	<p><b>Coding/Microbits:</b> To design, code and test prototypes for different purposes using the BBC micro:bit.</p> <p><b>Binary:</b> Examine how whole numbers are used as the basis for representing all types of data in digital systems.</p>
Modern Foreign Languages	<p><b>French:</b> Order a selection of typical foods, drinks and snacks from a French menu and order a French breakfast. Perform a simple role play ordering food, drink and/or snacks in a French café using useful language such as 'hello', 'can I have...', 'the bill please', 'thank you' and 'goodbye'.</p>

Physical Education	<p><b>Swimming:</b> Swim over 100 metres unaided. Use breast stroke, front crawl and back stroke, ensuring that breathing is correct so as not to interrupt the pattern of swimming. Swim fluently with controlled strokes. Swim at the surface and below the water. Turn efficiently at the end of a length.</p> <p><b>Dance:</b> Compose creative and imaginative dance sequences. Perform expressively and hold a precise and strong body posture. Perform and create complex sequences. Express an idea in original and imaginative ways. Plan to perform with high energy, slow grace or other themes and maintain this throughout a piece.</p>
Science	<p><b>Living things and their habitats:</b> Give reasons for classifying plants and animals based on specific characteristics. <b>Animals, including humans:</b> Describe the ways in which nutrients and water are transported within animals, including humans. <b>Evolution and inheritance:</b> Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution. <b>Light:</b> Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them. <b>Electricity:</b> Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches.</p>

<p><b>Enrichment Activities</b>  Regular outdoor learning opportunities through the curriculum.  Swimming lessons at Hatfield Leisure Centre.  OAA week.  Forest school skills.  Magistrates workshop.  Animation nation workshop.  Golf lessons.  Trip TBC.</p> <p><b>How you can help your child:</b></p> <ul style="list-style-type: none"> <li>• Complete weekly revision tasks in books.</li> <li>• Purple mash tasks.</li> <li>• Your child should be reading at least 5 times a week for 20 minutes. Remember that good readers become good writers!</li> <li>• Home reading journals.</li> <li>• Visit places of interest linked to our topics.</li> <li>• Read different types of texts (e.g. newspapers, leaflets, information books).</li> <li>• Play times tables games (e.g. Hit the button, times table tennis, times tables with number cards).</li> <li>• Encourage use of a dictionary to check spelling and a thesaurus to find synonyms and expand vocabulary.</li> <li>• Encourage opportunities for telling the time and solving problems involving time.</li> <li>• Encourage opportunities for counting coins and money; finding amounts or calculating change when shopping.</li> <li>• Identify, weigh or measure quantities and amounts in the kitchen or in recipes.</li> </ul>
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