

The Ryde School
 Curriculum Information
 Spring Term 2023
 Year 6

Curriculum Area	Topics Covered
Art	<p>Sketching: To collect ideas in sketchbook. To sketch initial ideas.</p> <p>Take one picture: • Collect information, sketches and resources and present ideas imaginatively in a sketch book. • Use the qualities of materials to enhance ideas. • Spot the potential in unexpected results as work progresses. • Sketch (lightly) before painting to combine line and colour. • Create a colour palette based upon colours observed in the natural or built world. • Mix textures (rough and smooth, plain and patterned). • Combine visual and tactile qualities. • Use ceramic mosaic materials and techniques.</p>
Religious Education	<p>Identity and Belonging: Describe roles of Christian, Jewish and Buddhist leaders. Explain the role of leaders in their own lives. Reflect on the importance of leaders. Explain what happened in the Easter/Passover stories and what Christians/Jews learn from this. Reflect on how hard/easy it might be to follow a faith. Know the steps on the Eightfold path. Explore how it would be to follow these rules in everyday life.</p>
Design and technology	<p>Textiles: Show precision in techniques. Choose from a range of stitching techniques. Combine previously learned techniques to create pieces. Use the qualities of materials to create suitable visual and tactile effects in the decoration of textiles.</p>
Geography	<p>Terrestrial biomes: Grassland, temperate desert, alpine, scrubland, savannah - Collect and analyse statistics and other information in order to draw clear conclusions about locations. Use a range of geographical resources to give detailed descriptions and opinions of the characteristic features of a location. Name and locate some of the countries and cities of the world and their identifying human and physical characteristics, including hills, mountains, rivers, key topographical features and land-use patterns; and understand how some of these aspects have changed over time. Understand some of the reasons for geographical similarities and differences between countries. Describe how locations around the world are changing and explain some of the reasons for change. Describe geographical diversity across the world.</p>
History	<p>Society: To explain reasons for Tudor exploration and the main events in Drake's voyage. around the world. To understand some of the changes that took place in transport in the Victorian times. To understand how we use different sources to understand about the past. To find out what we know about the Maya from the drawings of Frederick Catherwood.</p> <p>Travel and exploration: To use sources to compare family life for rich and poor Tudors. To explain what life was like for children in Victorian Britain. To explore what life was like for different Mayan people.</p>
Information technology	<p>Coding: Children can plan a program which includes a timer and a score. Children can follow their plans to create a program. Children can debug when things do not run as expected. Children can create a program that makes use of functions. Children can create a program that uses multiple functions with the code arranged in tabs. Children can explain how their code executes when their program is run.</p>
Modern Foreign Languages	<p>French: To be able to recall basic French words for numbers, days of the week, months, colours etc. Group/order unknown vocabulary to help decode text in French; Improve their listening and reading skills; Learn to integrate all their new and previous language; Learn at least three adjectives in French. Learn how to report the weather.</p>
Physical Education	<p>Dance:• 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. • Perform complex moves that combine strength and stamina gained through gymnastics activities (such as cartwheels or handstands).</p> <p>Gymnastics: • Hold shapes that are strong, fluent and expressive. • Include in a sequence set pieces, choosing the most appropriate linking elements. • Vary speed, direction, level and body rotation during floor performances. • Practise and refine the gymnastic techniques used in performances. • Use equipment to vault and to swing (remaining upright)</p>
Science	<p>Light: Recognise that light appears to travel in straight lines. Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the</p>

	<p>eye. Electricity: Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in a circuit. Animals, Including humans: Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function. Evolution and inheritance: Recognise that living things produce offspring of the same kind, but normal offspring vary and are not identical to their parents. Living things and their habitats: Describe how plants and microorganisms are classified into broad groups according to common observable characteristics and based on similarities and differences.</p>
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Enrichment Activities

Regular outdoor learning opportunities through the curriculum.

Fossils and evolution workshop.

Microbit robotics workshop.

Primary K'Nex challenge.

How you can help your child:

- Complete weekly revision tasks in books.
- Purple mash tasks.
- Your child should be reading at least 5 times a week for 20 minutes. Remember that good readers become good writers!
- Home reading journals.
- Visit places of interest linked to our topics.
- Read different types of texts (e.g. newspapers, leaflets, information books).
- Play times tables games (e.g. Hit the button, times table tennis, times tables with number cards).
- Encourage use of a dictionary to check spelling and a thesaurus to find synonyms and expand vocabulary.
- Encourage opportunities for telling the time and solving problems involving time.
- Encourage opportunities for counting coins and money; finding amounts or calculating change when shopping.
- Identify, weigh or measure quantities and amounts in the kitchen or in recipes.
- Play games involving numbers or logic, such as dominoes, card games, darts, draughts or chess.
- Encourage opportunities for writing such as letters to family or friends, shopping lists, notes or reminders, stories or poems.
- Insist on cursive handwriting and the best presentation.