

The Ryde School
Curriculum Information
Summer Term 2026
Year 5

Curriculum Area	Topics Covered
Art	Architecture- Dream Big or Small: To explore domestic architecture which is aspirational and large, and also the Tiny House movement, and to discuss with the class how both these ways of designing might affect our lives. To use a sketchbook to collect, record and reflect ideas and thoughts. To make larger drawings working from still imagery, using various drawing techniques. To explore how line, form, structure, material, and scale are all used to make architecture interesting, and help the designer meet the design brief.
Religious Education	What does it mean to be a Muslim in Britain today? What helps you through the journey of life? What helps Muslims through the journey of life? What is the key belief of Muslims? How does this affect their life? Why does prayer matter to Muslims? How is charity important to Muslims? How is charity important to you? Why do Muslims fast? Why do Muslims want to go on pilgrimage? Where do people get advice and guidance from? What is a special place for Muslims? Can you think of similar commitments to the five pillars in your life? What matters to Muslims?
Design and Technology	Mechanical Systems- Moving Toy: To understand how cam mechanisms move. To understand the effect of different cam shapes. To understand sturdy structures. To design a moving toy. To make a moving toy. To evaluate their cam toy.
Geography	Earthquakes: Build on previous knowledge to locate and label the main tectonic plate boundaries on a world map. Explain the tectonic process that would lead to an earthquake. Describe the scale for measuring the magnitude of earthquakes. Investigate the impact of the 2008 Sichuan earthquake. Investigate the impact of the 1985 Mexico City earthquake. Collect, analyse and compare statistics about the 2008 Sichuan earthquake and the 1985 Mexico City earthquake
History	Ancient China: To give an overview of the characteristic features of a Shang city. To understand Shang Dynasty armies and how they kept control. World War Two: To describe what rationing was. To investigate the impact of propaganda in WW2. To develop an understanding of how rationing impacted farming. To explore the 'dig for victory' initiative in Britain. To research the Blitz and the communities affected by it. To investigate what life in Hatfield was like during WW2.
Computing	Vector Drawing: The drawing tools. Creating images. Making effective drawings. Layers and objects. Manipulating objects. Creating a vector drawing. Creating Media - Video Production: What is video? Filming techniques. Using a storyboard. Planning a video. Importing and editing video. Video evaluation.
Modern Foreign Languages	French: La Famille (My Family): In this unit pupils will name family members, use possessive adjectives and talk about siblings. Pupils will also talk about numbers and age. Chez Moi (My Home): Pupils will name different types of home and the rooms in the home. They will also use the phrase "chez moi il y a..." (in my home there is/are...). Pupils will be introduced to the phrase "chez moi il n'y a pas de..." (in my home there is not.../there are no...). They will attempt to create a longer spoken or written passage in French using the language learnt in this unit and incorporating other language including personal details (such as their name and age etc.).

Physical Education	<p>All 4 Sport: Athletics: recognise and name some athletic events and techniques; practise existing basic running, throwing and jumping skills; show some control and co-ordination when running and performing a jump or throw; follow step-by-step instructions, copy actions and learn new techniques with some accuracy. Dance: To plan, perform and repeat sequences. To move in a clear, fluent and expressive manner. To refine movements into sequences. To create dances and movements that convey a definite idea. To change speed and levels within a performance. To develop physical strength and suppleness by practising moves and stretching.</p>
Science	<p>Living things and their habitats: Describe the simple functions of parts of the human reproductive system. Recognise the similarities in the life cycles of plants, animals and humans. Compare gestation periods (pregnancy) of different animals.</p> <p>Animals including Humans: Recognise stages in growth and development of humans including puberty.</p> <p>Earth and space: Recognise that the Moon orbits the Earth. Describe the movement of the Moon relative to the Earth. Describe the movement of the Moon relative to the Earth. Explain that the changes in the appearance of the Moon over a period of 28 days arise from the Moon orbiting the Earth once every 28 days. Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky. Recall that the Earth rotates on its' axis and this takes one day.</p> <p>Forces: Identify the effects of friction, that act between moving surfaces. Describe situations in which frictional forces are helpful as well as those in which frictional forces are unhelpful. Explore the effects of levers, pulleys and gears. Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect. Describe how levers, pulleys and gears are used in everyday life.</p> <p>Materials: Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating. Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution.</p>

Enrichment Activities

Regular outdoor learning opportunities through the curriculum.

Dance

York Residential Trip

Swimming

National Portrait Gallery

How you can help your child:

- 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 Table Rock Stars and other 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 joined-up handwriting and the best presentation.