

The Ryde School
Curriculum Information
Summer Term 2024
Year 5

Curriculum Area	Topics Covered
Art	<p>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. To make an architectural model using the 'design through making' technique, using a sketchbook to help free imagination. To present work, reflect and share it with classmates. To respond to the work of classmates and share thoughts about their work in relation to the architecture we looked at during the project.</p>
Religious Education	<p>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?</p>
Design and technology	<p>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.</p>
Geography	<p>North America: To identify the countries of North America. To investigate and compare climates in North America. To explore the geographical features of North America. To explore the capital cities of North America. To explore the various time zones of North America and how these compare to other time zones around the world. To compare a region in the UK with a region in North America. To research the human and physical geography of a particular North American country.</p>
History	<p>Ancient China: To give an overview of the characteristic features of a Shang city. Ancient Maya: To develop an understanding of farming techniques used by the Maya. To understand how Shang beliefs impacted death and burial. World War Two: To suggest how Britain's location contributed to the outcome of the conflict. To research the Blitz and the communities affected by it. To investigate what life in Hatfield was like during WW2.</p>
Computing	<p>Vector Drawing: The drawing tools. Creating images. Making effective drawings. Layers and objects. Manipulating objects. Creating a vector drawing.</p>
Modern Foreign Languages	<p>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.).</p>
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: Identify some characteristics that will not change with age. Recognise stages in growth and development of humans including puberty. Describe the simple</p>

functions of parts of the human reproductive system. Recognise the similarities in the life cycles of plants, animals and humans. Explain that living things need to reproduce if the species is to survive.

Earth and space: Explain that gravity is a force of attraction and it is what holds the planets in orbit around the Sun and the Moon in orbit around 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.

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 (e.g. describe how having gears can make it easier to pedal a bike, how a bottle opener makes it easier to open a bottle lid).

Enrichment Activities

Regular outdoor learning opportunities through the curriculum.

Dance

York Residential Trip

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 handwriting and the best presentation.