

The Ryde School
Curriculum Information
Spring Term 2025
Year 5

Curriculum Area	Topics Covered
Art	Mixed Media; Land and Cityscapes: To understand how artists respond to land and cityscapes in various ways. To extend a sketchbook. To introduce and explore different media. To experiment and create using different media. To present and share my work.
Religious Education	What would Jesus do? Can we live by the values of Jesus in the twenty-first century?: Can you work out what mattered to Jesus from 10 things he said? What was his 'mission statement'? What is the importance of the value of love? How did Jesus teach his followers to love? What do Jesus' parables about forgiveness teach to Christians today? How do Christians today try to follow Jesus' teaching about justice and fairness? The example of Mother Teresa. What did Jesus teach about being generous and being greedy? What does the teaching of Jesus have to say about some problems people face today? What would Jesus do? What have we learned about living by the values of Jesus in the modern world?
Design and technology	Mechanisms; Cam Toys: To understand how cams work. To explore different types of cams. To design a cam toy. To make a cam toy. To evaluate a 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	The Shang Dynasty: To understand where the Shang civilisation was located and key events in its history. To research Shang writing and calendars. The Maya: To understand Maya beliefs and rituals through their creation story. To organise information about Maya ceremonies. To develop an understanding of farming techniques used by the Maya
Computing	Databases: Create a paper-based database. Computer databases. Using a database. Using search tools. Comparing data visually. Databases in real life.
Modern Foreign Languages	Ma Famille: Remember the nouns for family members in French from memory. Describe our own or a fictitious family in French by name, age and relationship. Count up to 100 in French. Understand possessive adjectives better in French ('my' form only).
Physical Education	Orienteering: Use running, jumping, throwing and catching in isolation and in combination. Take part in outdoor and adventurous activity challenges both individually and within a team Compare their performances with previous ones and demonstrate improvement to achieve their personal best. Learn to navigate using a compass and map.
Science	Animals including Humans: Identify ways in which the appearance of humans changes as they get older. Identify some characteristics that will not change with age. Earth and space: Identify and name the components of the solar system (i.e. Sun, Moon, Earth and other planets). Locate the Sun, Earth and other planets in the solar system. Describe the movement of the Earth, and other planets, relative to the Sun in the solar system. Use simple physical models to explain effects that are caused by the movement of the Earth. 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. Forces: Identify the effects of air resistance and water resistance, that act between moving surfaces. Describe some of the factors that increase friction between solid surfaces and increase air and water resistance. Understand that air resistance is the frictional force of air on objects moving through it.

<p>Living things and their habitats: Describe the life process of reproduction in some plants and animals. Know that most animals reproduce by sexual reproduction. Sequence the life cycles of a variety of plants and animals.</p> <p>Properties of Materials: Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda. Demonstrate that dissolving, mixing and changes of state are reversible changes.</p>
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Enrichment Activities

Regular outdoor learning opportunities through the curriculum.

Forest School

Year 4/5 Performance

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.