

**The Ryde School**  
 Curriculum Information  
 Spring Term 2022  
 Year 4

Curriculum Area	Topics Covered
Art	<p><b>National Gallery Take one Picture:</b> A Ship Wreck on a Stormy Sea by Claude-Joseph Vernet. To carefully study the painting and ask questions inspired by the painting. To discover the history and story behind the painting. To recreate the painting using different textiles.</p>
Religious Education	<p><b>Identity and belonging prayer, worship and reflection ultimate questions</b>            To understand that some questions are difficult to answer. To know that different people might have different answers to difficult questions.            To understand the impact of faith when asking difficult questions. To know the conflict in the Christian creation story- how do Christians find the solution? To understand the Muslim story of Bilal- What do Muslims learn about God from this story? To know what Hindus believe Rama and Sita? What do they learn about God? To know what Sikhs believe about God? To discuss the different views on God- what questions do we have about this?</p>
Design and technology	<p><b>Shell structures</b>            To investigate different shell structures. To disassemble shell structures, look at how they are made and why. To cut materials accurately and safely by selecting appropriate tools. To measure and mark out to the nearest millimetre. To apply appropriate cutting and shaping techniques that include cuts within the perimeter of the material (such as slots or cut outs). To select appropriate joining techniques. To design with purpose by identifying opportunities to design. To create a sarcophagus.</p>
Geography	<p><b>Volcanoes and earthquakes</b>            To identify how volcanoes are formed.            To identify what an earthquake is.            To investigate the short and long term effects these natural disasters have on the environment and humans.            Expectations. To describe key aspects of physical geography including volcanoes and earthquakes. To ask and answer geographical questions about the physical and human characteristics of a location. To use maps, atlases, globes and digital/computer mapping to locate countries and describe features. To use a range of resources to identify the key physical and human features of a location.</p>
History	<p><b>Ancient Egyptians/Romans/Anglo-Saxons</b>  <b>Religion</b> - To investigate and compare how Romans, Anglo-Saxons and Ancient Egyptians buried their dead.  <b>Pastimes</b> - To investigate and compare what the Romans, Anglo-Saxons and Ancient Egyptians did in their pastimes.  <b>Culture</b> - To investigate and compare how Romans, Anglo-Saxons and Ancient Egyptians buried their dead.</p>

Information technology	<p><b>Effective searching</b></p> <p>To structure search queries to locate specific information. To use search effectively to answer questions. To have written search questions for a friend to solve. To analyse the contents of a web page for clues about the credibility of the information</p>
Modern Foreign Languages	<p><b>French</b></p> <p>En classe - To discuss the items in the classroom. To be able to say the commands in the classroom.</p> <p>Weather - To discuss the different weather in French.</p>
Physical Education	<p><b>Dance</b>- To be able to learn new dance moves. To follow a dance routine. To create their own dance routines.</p> <p><b>Athletics</b> - They will learn how to set targets and improve their performance in a range of running, jumping and throwing activities. Children will think about how to achieve the greatest speed, height, distance or accuracy.</p>
Science	<p><b>Animals including humans</b> - To investigate the different types of teeth and find out their simple functions. To instigate food chains.</p> <p><b>Electricity</b> - To construct simple circuits.</p> <p><b>Sound</b> - To find and investigate patterns between the pitch of a sound and features of the object that produced it.</p> <p><b>Materials</b> - To observe that some materials change state when they are heated or cooled.</p>

### Enrichment Activities

Wider ops - Music  
 Plastazote workshop  
 Bhaktivedanta manor

### How you can help your child:

Encourage your children to read daily and talk to them about what they have read.  
 Home reading journals.  
 Practise times tables up to 12 x 12 so that they are fluent.  
 Practise maths in real life contexts (e.g. money, weights and measures and telling the time)  
 Practise mathematical word problems.  
 Encourage opportunities for telling the times and solving problems including time.  
 Encourage opportunities for writing.  
 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