



# Enquiry Organiser Cycle 2 Summer 2


## Year One



Art and Design			Computing		
Knowledge <i>I know...</i>	Skills <i>I can...</i>	Links back to <i>I remember...</i>	Knowledge <i>I know...</i>	Skills <i>I can...</i>	Links back to <i>I remember...</i>
<ul style="list-style-type: none"> <li>Antony Gormley is a British sculptor</li> <li>He uses different materials to make his sculptures e.g. metal, clay and wire,</li> <li>He created a sculpture called 'Inside Australia'</li> <li>He created the 'Angel of the North'</li> <li>He likes to make sculptures of other people</li> <li>In 1994 he won the Turner Prize (a very special award given to artists for new and interesting art)</li> <li>He created sculptures local to us (Peterborough)</li> </ul>	<ul style="list-style-type: none"> <li>Look carefully at people and objects and create a model</li> <li>To use rolling coils and pinching to create a model (e.g. a plant or Captain Cook/ship)</li> <li>Use clay to make a model</li> <li>Use sculpture to develop and share my ideas and experiences</li> <li>Describe similarities and differences of different Antony Gormley sculptures, and make links to my own work.</li> </ul>	<ul style="list-style-type: none"> <li>Pablo Picasso was a Spanish artist.</li> <li>He is not alive now.</li> <li>Picasso changed his style.</li> <li>He began with realistic drawings (e.g. Picasso when he was 18).</li> <li>Pencils can make different marks (hatch and scribble).</li> <li>Vincent Van Gogh painted a picture called Sunflowers</li> <li>He was Dutch impressionist painter</li> <li>He was born in 1853 during the Victorian era</li> <li>Primary colours are red, yellow and blue</li> <li>Colours are made lighter by adding white</li> <li>Colours are made darker by adding black</li> </ul>	<ul style="list-style-type: none"> <li>A beebot works better on different surfaces</li> <li>A beebot will slow down or speed up on slopes</li> <li>How to measure how far a beebot travels (non-standard units)</li> <li>Ipads have different apps to record images and sounds</li> <li>An audio recording has sound and not images</li> <li>A video recording combines moving images and sounds</li> <li>The internet can sometimes be unsafe</li> <li>To follow our HIS Golden Rules when using all electronic devices</li> </ul>	<ul style="list-style-type: none"> <li>Predict how far the Beebot will travel (non-standard units)</li> <li>Predict which surface is best for a beebot</li> <li>Predict what will happen to a beebot when programmed to go up a slope</li> <li>Listen to sounds on different forms of technology (e.g. audiobooks and websites)</li> <li>Use the camera app on an iPad to record a friend retelling a story (film making)</li> <li>Use the voice memo app to record my voice (audio)</li> <li>Identify risks when online</li> <li>Use an iPad safely and respectfully</li> </ul>	<ul style="list-style-type: none"> <li>An algorithm is a list of rules followed to solve a problem</li> <li>A program is a set of algorithms that are completed in order</li> <li>Debugging is finding and fixing a problem.</li> <li>How to use a camera to take a photo</li> <li>How to use 2Publish to present what I know</li> <li>Emails are used to send a message</li> <li>Our HIS Golden Rules for staying safe online</li> <li>Who to ask for help if I am worried I see/receive online.</li> <li>Sending a message through a class email.</li> </ul>
<b>Vocabulary:</b>		<b>Images:</b>		<b>Vocabulary:</b>	
<p>Clay: a malleable material used and moulded by sculptors</p> <p>Coils: rolling out the clay to make a long roll which is coiled and stacked</p> <p>Pinching: using finger and thumb to press and shape the clay</p> <p>Sculptor: an artist who make sculptures</p> <p>Sculpture: forming solid objects to make 3d models</p>				<ul style="list-style-type: none"> <li>Audio: sound when recorded</li> <li>App: computer program on a tablet, phone or watch</li> <li>Beebot: a programable robot</li> <li>Internet: global computer network that gives information and communication</li> <li>Predict: say or estimate what will might happen</li> <li>Program: defined by a set of algorithms that are completed in order to achieve a task</li> <li>Record: to store sounds or moving pictures using electronic equipment</li> <li>Video: recording of moving images</li> </ul> 	

Progress is **knowing more** (knowledge), **remembering more** (links back to), **being able to do more** (skills)



History			Science (materials and plants part 2)				
Knowledge <i>I know...</i>	Skills <i>I can...</i>	Links back to <i>I remember...</i>	Knowledge <i>I know...</i>	Skills <i>I can...</i>	Links back to <i>I remember...</i>		
<ul style="list-style-type: none"> <li>• Captain James Cook was a British navigator and explorer who lived in the 1700's which was before the Victorian Era</li> <li>• He was a master at map making and mapped out most of the South Pacific, including New Zealand and Australia</li> <li>• Captain Cook's first ship was called HMS Endeavour and he had lots of rules to keep his crew healthy and safe.</li> <li>• Captain Cook made 3 voyages and was killed during his final one</li> <li>• Cook was the first European to visit Australia &amp; named many of the places he found.</li> <li>• There is a statue of Cook in Yorkshire</li> </ul>	<ul style="list-style-type: none"> <li>• Place events in chronological order</li> <li>• Use different sources to find out about the past</li> <li>• Use historical sources to wonder and ask questions about the past</li> <li>• Say what is the same and what is different between 2 historical sources</li> <li>• Use historical words to talk about what I know</li> <li>• Communicate what I know in different ways</li> </ul>	<ul style="list-style-type: none"> <li>• There were similarities and differences between life now and during Victorian times (Sp 1) &amp; WWII (Yr R)</li> <li>• Lots of things we use today were discovered/invented during Victorian times (Spring 1)</li> <li>• Queen Victoria and Mary Seacole were important people from the past (Autumn 2/Spring 1)</li> <li>• We can order events on a timeline (Spring 1)</li> <li>• We can use sources to find out about the past (Autumn/Spring 1)</li> <li>• Australia is a country in Australasia (Summer 1)</li> <li>• Maps contain human and physical features of a place and help us find our way around (Summer 1)</li> </ul>	<ul style="list-style-type: none"> <li>• The name and simple properties of everyday materials e.g. wood is hard</li> <li>• Materials have different properties e.g. strong, soft</li> <li>• Materials can be grouped in different ways</li> <li>• The names of common plants, including garden plants, wild plants and trees,</li> <li>• Evergreen trees have green leaves throughout the year</li> <li>• Deciduous trees shed their leaves every year</li> </ul>	<ul style="list-style-type: none"> <li>• Name, describe, compare &amp; describe materials</li> <li>• Investigate which materials float or sink.</li> <li>• Ask simple questions using how and why</li> <li>• Carry out simple tests with an adult</li> <li>• Predict what may happen in an investigation</li> <li>• Observe closely using simple equipment</li> <li>• To record results through drawing and or a simple table prepared by the teacher (materials)</li> <li>• To draw or simply state what happened</li> <li>• Draw simple conclusions and explain what they did</li> <li>• To draw on a pictogram or other chart prepared by the teacher and create class bar charts (plants)</li> </ul>	<ul style="list-style-type: none"> <li>• Objects are made from different materials</li> <li>• Investigating the best material for a postman's sack</li> <li>• Planting a sunflower (autumn)</li> <li>• Plants have roots, stem/trunk, leaves and flowers.</li> </ul>		
<b>Vocabulary:</b> <b>Captain:</b> person in command of a ship <b>Chronology:</b> putting events or dates in order <b>Explorer:</b> someone who travels to places that people do not know much about <b>Map:</b> a diagram to show where places are located and features of places <b>Navigator:</b> a person who explores by sea <b>Past:</b> gone by in time <b>Present:</b> existing or occurring now <b>Source:</b> a place, person or thing that you can find information from. <b>South Pacific:</b> part of the Pacific Ocean <b>Voyage:</b> A long journey from one place to another		<b>Images:</b> 		<b>Vocabulary:</b> <b>Evergreen:</b> trees which have green leaves throughout the year <b>Deciduous:</b> trees shedding their leaves every year <b>Plant:</b> a living thing which includes flowers, trees and vegetables <b>Flower:</b> part of a plant <b>Tree:</b> a plant that has a stem/trunk & branches <b>Material:</b> what something is made of <b>Predict:</b> make a guess about what may happen <b>Table:</b> a way to represent data or information in rows and columns <b>Observe:</b> to look closely <b>Pictogram:</b> a chart which uses pictures to represent data		<b>Images:</b> 