








Art and design (clay)			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 the "Angel of the North"</li> <li>In 1994 he won the Turner prize (a very special award given to artists for new and interesting art)</li> <li>He has created sculptures local to our area (Peterborough)</li> <li>Dame Barbara Hepworth was an English sculptor.</li> <li>She used the natural world to inspire her work</li> <li>She was alive during WW2</li> </ul>	<ul style="list-style-type: none"> <li>Talk about and observe the work of Antony Gormley and other sculptors e.g. Dame Barbara Hepworth</li> <li>Look carefully at an image and use it to create a <b>transport</b> model.</li> <li>Create my own clay model inspired by Antony Gormley.</li> <li>Use slabbing and joining to make my sculpture.</li> <li>Describe the similarities and differences between different sculptors work.</li> <li>Link my own work to the work of Antony Gormley</li> <li>Share my ideas and experience through sculpture.</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 and 25).</li> <li>Pencils and charcoal can make different marks (stipple and blend).</li> <li>Vincent Van Gogh painted Starry Night and sunflowers.</li> <li>Vincent Van Gogh was an impressionist.</li> <li>Vincent Van Gogh was born in Victorian times.</li> </ul>	<ul style="list-style-type: none"> <li>That a Beebot is more effective on certain surfaces</li> <li>That a Beebot will slow down/ speed up when travelling at an incline.</li> <li>How to measure how far a Beebot travels (standard).</li> <li>An audio recording has no image.</li> <li>You can combine still images and sound using Photostory3.</li> <li>A video combines moving images and sounds.</li> <li>The iPad has different apps to record images and sounds.</li> <li>That 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 which surface is most effective for a Beebot.</li> <li>Predict what will happen to a Beebot when programmed to travel at an incline.</li> <li>Predict how far a Beebot will travel in standard units.</li> <li>Use the voice memo app (iPad) to record an audio clip.</li> <li>Combine images to create a short film for a story retell.</li> <li>Record a video clip using a camera/iPad.</li> <li>Add object animation with the support of a teacher.</li> <li>Identify risks when online.</li> <li>Use an iPad safely and respectively.</li> </ul>	<ul style="list-style-type: none"> <li>How to use a Beebot</li> <li>An algorithm is a precise instruction.</li> <li>A program is a set of algorithms completed in order.</li> <li>Debugging is finding and fixing a problem.</li> <li>Use 2publish to make a picture and write a sentence.</li> <li>Select the correct tools.</li> <li>Present my ideas (above) to a group.</li> <li>Emails can be used for communication.</li> <li>To follow our HIS Golden Rules online.</li> <li>Who to ask for help if I am worried about something I see/receive online.</li> </ul>		
<b>Vocabulary:</b> <b>Sculpture:</b> forming solid objects to make 3D models <b>Sculptor:</b> an artist who makes sculptures <b>Clay:</b> a malleable material used and moulded by sculptors <b>Pinching:</b> using your finger and thumb to press and shape the clay <b>Slabbing:</b> rolling out slabs of clay and cutting out pieces and attaching them together <b>Joining:</b> scoring the edge and adding slip to join them together.		<b>Images:</b>   		<b>Vocabulary:</b> <b>Audio:</b> sound when recorded. <b>Algorithm:</b> a set of steps in order to do something <b>App:</b> a program on a tablet, phone or watch. <b>Beebot:</b> a programmable robot <b>Incline:</b> a slope <b>Photostory 3:</b> a program that makes digital pictures into a story. <b>Present:</b> show what I have done. <b>Predict:</b> say or estimate what might happen. <b>Program:</b> defined by a set of algorithms that are completed in order to achieve a task. <b>Record:</b> to store sounds or moving pictures using electronic equipment. <b>Save:</b> store for future use. <b>Video:</b> recording of moving images.		<b>Images:</b>  	



History (events beyond living memory)			Science (materials and plants part 2)				
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<ul style="list-style-type: none"> <li>• Wilbur and Orville Wright were brothers who grew up in Ohio, USA (North America)</li> <li>• They are famous for inventing and testing the first aeroplane.</li> <li>• They studied how birds fly to learn about wings and discovered how to make propellers and an engine.</li> <li>• The brothers loved to think of new ideas and invent things.</li> <li>• The Wright brothers built the first engine plane called 'Wright Flyer 1' in December 1903</li> <li>• The first flight lasted 12 seconds!</li> <li>• They started a company to build airplanes</li> </ul>	<ul style="list-style-type: none"> <li>• Place people, events and objects in chronological order</li> <li>• Gather information from simple sources to ask and answer questions.</li> <li>• Compare different historical sources and understand the past can be represented in different ways</li> <li>• Use the words 'past' and 'present' to talk about an event</li> <li>• Use words to describe the passing of time</li> </ul>	<ul style="list-style-type: none"> <li>• We can order events on a timeline (communication and technology, WW2 events).</li> <li>• We can use different sources etc to find out about the past.</li> <li>• North America is a continent.</li> <li>• Captain Scott went on an expedition to Antarctica.</li> </ul>	<ul style="list-style-type: none"> <li>• The properties of materials e.g. fabric, metal, wood</li> <li>• That materials are suitable or unsuitable for particular purposes</li> <li>• That some materials are used for more than one thing e.g. metal used for can, spoon</li> <li>• That different materials are used for the same thing e.g. a spoon (can be wooden, metal or plastic).</li> <li>• The life-cycle of a plant (link to poetry)</li> <li>• That plants need water, light and a suitable temperature to grow</li> </ul>	<ul style="list-style-type: none"> <li>• Name, describe and give examples of different materials.</li> <li>• Compare the suitability of a variety of everyday materials</li> <li>• Choose a suitable material for a purpose e.g. a plane</li> <li>• Talk about how a particular material is suitable for its purpose</li> <li>• Ask questions using a variety of starters e.g. how, when, why, what, where</li> <li>• Plan simply what to do, what observations or measurements to take.</li> <li>• Predict the outcome of an investigation.</li> <li>• Use simple equipment to gather data.</li> <li>• Use pictograms to display results, draw bar charts with help to support conclusions.</li> <li>• Describe how a bulb/seed grows into a plant.</li> <li>• Explain what plants need to grow.</li> </ul>	<ul style="list-style-type: none"> <li>• Objects are made from materials</li> <li>• Investigating a suitable material for a FS flag</li> <li>• Planting bulbs (Autumn)</li> <li>• The names of some plants and trees (Y1 &amp; FS)</li> </ul>		
<p><b>Vocabulary:</b>  <b>Centuries:</b> 100 years  <b>Chronology:</b> putting events or dates in order  <b>Decades:</b> 10 years  <b>Inventor:</b> a person who makes new inventions, devices that perform some kind of task.  <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>USA:</b> United States of America</p>		<p><b>Images:</b></p>		<p><b>Vocabulary:</b>  <b>Bulb:</b> a plant bud that begins to grow underground.  <b>Life-cycle:</b> the different stages of life for a living thing.  <b>Material:</b> what something is made of  <b>Observe:</b> to look closely  <b>Pictogram:</b> a chart that uses pictures to represent data.  <b>Plant:</b> a living thing which include flowers, trees and vegetables  <b>Predict:</b> make a guess about what might happen.</p>		<p><b>Images:</b></p>	