




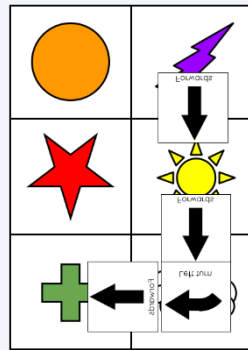
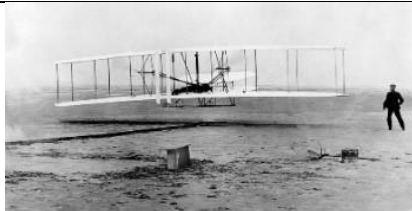





Art and Design			Computing (programming, e-safety)		
Knowledge I know...	Skills I can...	Links back to I remember...	Knowledge I know...	Skills I can...	Links back to I remember...
<ul style="list-style-type: none"> <li>Antony Gormley is a British sculptor.</li> <li>He has created sculptures near us (Peterborough).</li> <li>Sculptors use different materials like clay and metal</li> </ul>	<ul style="list-style-type: none"> <li>Look at and talk about the work of Antony Gormley and say how it's the same and how it's different</li> <li>Begin to make models by looking carefully at people or objects</li> <li>Explore clay and playdough</li> <li>Roll coils to make a model</li> <li>Use sculpture or share my ideas</li> </ul>	<ul style="list-style-type: none"> <li>Picasso was an artist.</li> <li>Pencils, crayons and pens can make different marks (including outlines and infilling)</li> <li>Van Gogh painted a portrait</li> </ul>	<ul style="list-style-type: none"> <li>A Bee-bot can be used to make pathways</li> <li>That an algorithm is a 'special computer language'</li> <li>You can press buttons to make an algorithm and it will do the same thing each time</li> <li>That the internet can sometimes be unsafe</li> </ul>	<ul style="list-style-type: none"> <li>Press buttons on a Bee-bot to create a pathway using an algorithm</li> <li>Predict the outcome of a sequence of commands</li> <li>Plan a simple program</li> <li>Identify solutions to problems (debugging)</li> <li>Look out for dangers on the internet</li> <li>Get help from a grown up if I see something that's unsafe</li> </ul>	<ul style="list-style-type: none"> <li>How to use a Bee-Bot</li> <li>That an algorithm is a 'special computer language'</li> <li>You can press buttons to make an algorithm and it will do the same thing each time</li> <li>How to be safe using the internet, computers and iPads.</li> </ul>
<b>Vocabulary:</b>	<b>Images:</b>		<b>Vocabulary:</b>	<b>Images:</b>	
<p><b>Clay:</b> a material used and moulded by sculptors</p> <p><b>Coiling:</b> rolling out the clay to make a long roll which is coiled and stacked</p> <p><b>Material:</b> what an object is made from</p> <p><b>Sculptor:</b> an artist who makes sculptures</p> <p><b>Sculpture:</b> forming solid objects to make 3D models</p>	   		<p><b>Command:</b> to give an instruction</p> <p><b>Sequence:</b> more than one step</p> <p><b>Program:</b> a list of instructions that tell a computer what to do</p> <p><b>Algorithm:</b> a set of instructions given to a computer</p> <p><b>Debugging:</b> to remove bugs (mistakes) from a computer</p> <p><b>Internet:</b> a global computer network that gives information and communication</p>	 	



History			Science (materials and plants part 2)			
Knowledge I know...	Skills I can...	Links back to I remember...	Knowledge I know...	Skills I can...	Links back to I remember...	
<ul style="list-style-type: none"><li>Long ago people could only travel to other countries by boat</li><li>Two brothers (The Wright brothers) in America invented the first aeroplane</li><li>It was long before my family were born (over 100 years ago)</li><li>It had wings, a propeller and an engine.</li><li>People use aeroplanes to travel to different countries now</li><li>Aeroplanes now are very different</li></ul>	<ul style="list-style-type: none"><li>Talk about things that happened in the past</li><li>Use different sources to find out about real things that have happened in the past</li><li>Make observations about different sources</li><li>Understand questions can be asked about the past</li><li>Listen to different words used to describe the past</li></ul>	<ul style="list-style-type: none"><li>We can find out about the past by looking at objects</li><li>Books and stories help us to learn about the past</li></ul>	<ul style="list-style-type: none"><li>The similarities and difference between some materials</li><li>That floating is when an object sits on the surface</li><li>That sinking is when an object goes under water</li><li>The names of some plants growing at school</li></ul>	<ul style="list-style-type: none"><li>Name some materials</li><li>Observe and talk about changes</li><li>Choose a material to make something (e.g. a boat)</li><li>Ask questions</li><li>Make suggestions about what to do and experiment in different ways</li><li>Explore the school environment and talk about the plants I can see</li><li>Add a picture to a pictogram</li></ul>	<ul style="list-style-type: none"><li>What a material is</li><li>Investigating the best material to make a bag</li><li>What a plant is</li><li>How plants grow and change</li></ul>	
<b>Vocabulary:</b> <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.  [N.B. Chn to be exposed to vocab but no expectation to use as per skills progression]		<b>Images:</b>  		<b>Vocabulary:</b> <b>Material:</b> what an object is made of <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 or trunk with branches <b>Float:</b> to rest on the surface of a liquid without sinking <b>Sink:</b> to fall or drop slowly under a liquid <b>Table:</b> a way to present information in rows or columns <b>Similar:</b> how things are alike/the same <b>Different:</b> not the same <b>Observe:</b> to look at closely		<b>Images:</b> 