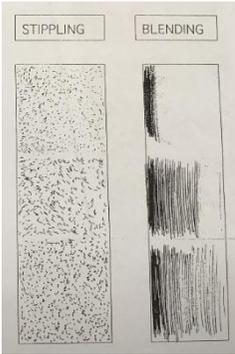




Art and design			Computing		
Knowledge <i>I know...</i>	Skills <i>I can...</i>	Links back to <i>I remember...</i>	Knowledge <i>I know...</i>	Skills <i>I can...</i>	Links back to <i>I remember...</i>
<ul style="list-style-type: none"> Pablo Picasso was a Spanish artist. He is not alive now. Picasso changed his style. He began with realistic drawings (e.g. Picasso when he was 18 and 25). Pencils and charcoal can make different marks (stipple and blend). 	<ul style="list-style-type: none"> Use a pencil on a range of scales. Use charcoal and pencils. Use stippling and blending. Vary tone through blending. Use drawing to share my ideas and experiences Infill a shape with a solid, even infill Link my own work to Pablo Picasso Describe similarities and differences e.g. Picasso at 18 and 25. 	<ul style="list-style-type: none"> Vincent Van Gogh was a Dutch artist. He is not alive now. Painting Van Gogh's Starry Night. Red, yellow and blue are primary colours. Orange, purple and green are secondary colours. You add black to shade and white to tint. 	<ul style="list-style-type: none"> An algorithm is a precise set of ordered steps. A program is a set of ordered commands that can be run by a computer to achieve a task. Debugging is finding and fixing a problem. A sequence needs a start and an outcome. Changing blocks in a program will change the outcome. To follow our HIPS Golden Rules online. Who to ask for help if I am worried about something I see/receive online. 	<ul style="list-style-type: none"> Identify the start of a sequence and run my program. Predict the outcome of a sequence of commands Change the sequence of commands and change the outcome. Create and change a program with a given design. Create a program of my own design. Select the correct tools. Say what I would change about my program to improve it. Explain how information put online about someone can last a long time. Explain what voice activated searching is and how it might be used, and know it is not a real person e.g. Alexa, Google Now, Siri 	<ul style="list-style-type: none"> Programming a Beebot with support How to stay safe online Using an iPad to create a picture

Vocabulary:	Images:	Vocabulary:	Images:
<p>Blending: mixing two colours so the join is gradual.</p> <p>Drawing: a picture made with a pencil, pen, or crayon rather than paint</p> <p>Infill: fill a space</p> <p>Line: a narrow continuous mark; the edge or contour of a shape.</p> <p>Outline: a line by which an object or figure is or appears to be bordered.</p> <p>Pattern: a decorative design, repeated or related parts.</p> <p>Realistic: shows true to life</p> <p>Scale: relative or equal size.</p> <p>Shape: the form of an object defined by outline.</p> <p>Stippling: tiny dots built up</p> <p>Tone: the variations of a colour or gradations between black and white (lighter and darker).</p>	 <p>Picasso age 90</p> 	<p>Algorithm: a precise set of ordered steps that can be followed by a human or a computer to achieve a task.</p> <p>Beebot: a programmable robot</p> <p>Block: a movement</p> <p>Debugging: finding and fixing a problem with a program.</p> <p>Program: a set of ordered commands that can be run by a computer to complete a task.</p> <p>Code: The commands a computer can run.</p> <p>Command: a single instruction that can be used in a program to control a computer.</p> <p>Retrieve: find information stored in a computer.</p> <p>Run: to action the commands in a program.</p> <p>Tool: a device used to carry out a particular job.</p> <p>Save: store for future use.</p> <p>Sequence: the order in which commands are performed to achieve a task.</p> <p>Sprite: the main characters of the project.</p> <p>Value: the way to change a variable in a block.</p>	 



Geography			Science				
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"> London is the capital city of England. Cardiff is the capital city of Wales. Edinburgh is the capital city of Scotland. Belfast is the capital city of Northern Ireland. The UK is made up of 4 countries (England, Northern Ireland, Scotland and Wales). The surrounding seas of the UK (North Sea, North Atlantic Ocean, English Channel). Some characteristics of each country e.g. Giant's causeway, Buckingham Palace, Edinburgh castle, Snowdon 	<ul style="list-style-type: none"> Answer simple geographical questions. Ask simple geographical questions. Use geographical vocabulary to compare and contrast key physical features of different places [England and Scotland]. Use a map, atlas and globe to locate the UK, the countries of the UK and surrounding seas. Use aerial photographs and plan perspectives to recognise landmarks and key human and physical features [Northern Ireland]. Make observations about where things are. 	<ul style="list-style-type: none"> Investigating my school grounds (Reception). Walking to the library in Huntingdon and local area walks (Park Life trips Y1, Y2). Making a simple map (Y1) Huntingdon is a town in England (Autumn). 	<ul style="list-style-type: none"> That living things move, reproduce, grow, breathe (respire), excrete, get nutrients from food. Dead things were once alive (and no longer do the above). Some things have never been alive. These are non-living and do not need food, water and air because they are not alive. Most UK animals live in habitats to which they are suited. 	<ul style="list-style-type: none"> Compare and group things into living and non-living. Compare things that are living, dead and have never been alive. Explain why different animals live in different habitats. Describe how different UK habitats provide basic needs for UK animals. 	<ul style="list-style-type: none"> What a fish, bird, reptile, mammal and amphibian is (Y1). What a herbivore, carnivore, omnivore eats (Y1). Labelling the parts of common animals (Y1). 		
Vocabulary: Atlas: a collection of maps, usually in a book. Capital: a city or town where the central government of the country is City: a place that is larger than a town Country: an area of land that has its own government Globe: model of the earth Landmark: human or physical feature which is well known in an area and can represent that place. Map: a diagram to show where places are located and features of places. Rural: something to do with the countryside. Town: a built up area UK: United Kingdom (England, Northern Ireland, Scotland and Wales) Urban: something to do with a city or town.		Images: 		Vocabulary: Dead: Dead things were once alive and no longer move, reproduce, grow, breath (respire), excrete, get nutrients, Excretion: getting rid of waste from the body. Food chain: a series of organisms each dependent on the next as a source of food. Living: something that is alive. Habitat: where an organism lives. Non-living: do not need food, water and air because they are not alive. Nutrients: a substance that provides nourishment. Reproduce: making a new generation – animals have babies, new plants grow from seeds. Respire: using oxygen to turn food into energy		Images: Non-living things do not have the same needs as living things. Non-living things do not need food, water and air because they are not alive. <p>How do we know that this toy elephant is not alive?</p> <p>It doesn't need air to stay alive. </p> <p>It doesn't drink water or eat food. It cannot move on its own. </p> <p>Clownfish live in warm sea waters. Their habitat is a coral reef. </p> <p>Gazelles live in different habitats such as savannahs and grasslands. </p>	