







Art and Design (Clay tiles)			Computing (Programming, e-safety (Beebots))				
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"> • Antony Gormley is a British sculptor. • He created a sculpture called 'The Angel of the North'. • He has created sculptures locally (Peterborough). • Sculptors use different materials like clay and metal and some even use ice! 	<ul style="list-style-type: none"> • Look at and talk about the work of sculptors (Antony Gormley and Andy Goldsworthy) and say how they are the same and how they are different • Decorate a clay tile using coiling. • Explore clay and playdough • Use sculpture to share my ideas 	<ul style="list-style-type: none"> • Pablo Picasso was a Spanish artist. • Pencils can make different marks (including outlines and infilling) 	<ul style="list-style-type: none"> • What given commands will do • Some words that can be enacted • How to run my program • There may be more than one solution to a problem • How to debug my program • A program is a set of commands that a computer can run. 	<ul style="list-style-type: none"> • Predict the outcome of a command or sequence (using up to 4 commands including forwards, backwards, left and right) • Follow an instruction • Give clear instructions • Combine 4 directional commands (eg. forwards, backwards, left right) to make a sequence • Plan a simple program • Debug my program • Create more than one program to achieve a task 	<ul style="list-style-type: none"> • Giving clear instructions to make a rabbit run around a grid to collect a carrot (Spring) 		
Vocabulary: Clay: a material used and moulded by sculptors Coiling: rolling out the clay to make a long roll which is coiled and stacked Material: what an object is made from Sculptor: an artist who makes sculptures Sculpture: forming solid objects to make 3D models		Images:   		Vocabulary: Algorithm: a precise set of ordered steps that can be followed by a human or a computer to achieve a task. Code: The commands a computer can run. Command: a single instruction that can be used in a program to control a computer. Debugging: finding and fixing a problem with a program. Predict: to have a logical guess. Program: a set of ordered commands that can be run by a computer to complete a task. Run: to action the commands in a program. Sequence: the order in which commands are performed to achieve a task.		Images:  <p>This algorithm will move the Beebot 2 squares forward.</p>	
<p>[N.B. Children to be exposed to vocabulary but no expectation to use as per skills progression]</p>							



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"> Robert Falcon Scott was a famous explorer. In the past he led an adventure to Antarctica to find out about the animals and weather. His ship was called the Terra Nova. He was a hero. 	<ul style="list-style-type: none"> Talk about things that happened in the past Use different sources to find out about real things that have happened in the past Make observations about different sources Understand questions can be asked about the past Listen to different words used to describe the past 	<ul style="list-style-type: none"> Antarctica is a continent. Maps can show us where to go on a journey We can find out about the past by looking at objects 	<ul style="list-style-type: none"> The similarities and differences between some materials That floats is when an object sits on the surface of water That sinking is when an object goes under water The names of some plants growing at school 	<ul style="list-style-type: none"> Name some materials Observe and talk about changes Choose a material to make something (e.g. a boat) Ask questions Make suggestions about what to do and experiment in different ways Explore the school environment and talk about the plants I can see Add a picture to a chart 	<ul style="list-style-type: none"> What a material is Investigating the best material to make bunting What a plant is How plants grow and change
Vocabulary: Antarctica: a continent. Captain: person in command of a ship. Explorer: someone who travels to places that people do not know much about Map: a diagram to show where places are located and features of places Past: gone by in time Source: a place, person or thing that you can find information from.		Images: 	Vocabulary: Material: what an object is made of Plant: a living thing which includes flowers, trees and vegetables Flower: Part of a plant Tree: a plant that has a stem or trunk with branches Float: to rest on the surface of a liquid without sinking Sink: to fall or drop slowly under a liquid Similar: how things are alike/the same Different: not the same Observe: to look at closely		Images: