




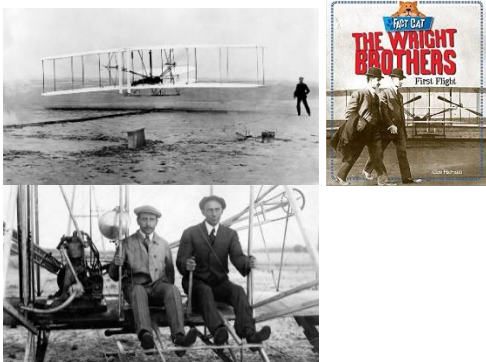




Art and Design (Clay)			Computing				
Knowledge <i>I know...</i>	Skills <i>I can...</i>	Links back to <i>I remember...</i>	Knowledge <i>I know...</i>	Skills <i>I can...</i>	Links back to <i>I remember...</i>		
<ul style="list-style-type: none"> Antony Gormley is a British sculptor. He uses different materials to make his sculptures e.g. metal, clay and wire. He created the 'Angel of the North'. Barbara Hepworth was an English sculptor. She used the natural world to inspire her work She was alive during WW2. 	<ul style="list-style-type: none"> Look carefully at an object to create a transport model. Use rolling coils and pinching to add detail to a clay model. Use clay to make a model of a plane (or other transport) Look at sculptors like Antony Gormley and Barbara Hepworth to help with my work. Use sculpture to develop and share my ideas and experiences. Describe similarities and differences between sculptures and make links to my own work. 	<ul style="list-style-type: none"> Picasso was an artist. Picasso changed his style. He began with realistic drawings (e.g. Picasso when he was 18). Pencils can make different marks (hatch and scribble). Vincent Van Gogh painted a picture called Sunflowers Primary colours are red, yellow and blue Colours are tinted by adding white Colours are shaded by adding black 	<ul style="list-style-type: none"> A beebot works better on different surfaces A beebot will slow down or speed up on slopes Ipads have different apps to record images and sounds An audio recording has sound and not images A video recording combines moving images and sounds The internet can sometimes be unsafe To follow our HIS Golden Rules when using all electronic devices 	<ul style="list-style-type: none"> Predict how far the Beebot will travel (non- standard units) Predict which surface is best for a beebot Measure how far a beebot travels (non-standard units) Predict what will happen to a beebot when programmed to go up a slope Listen to sounds on different forms of technology (e.g. audiobooks and websites) Use the camera app on an iPad to record a friend retelling a story (film making) Use the voice memo app to record my voice (audio) Identify risks when online Use an iPad safely and respectfully 	<ul style="list-style-type: none"> An algorithm is a list of rules followed to solve a problem A program is a set of algorithms that are completed in order Debugging is finding and fixing a problem. How to use a camera to take a photo How to use 2Publish to present what I know Emails are used to send a message Our HIS Golden Rules for staying safe online Who to ask for help if I am worried I see/receive online. Sending a message through a class email. 		
Vocabulary: Clay: a malleable material used and moulded by sculptors Coils: rolling out the clay to make a long roll which is coiled and stacked Material: what an object is made from Pinching: using finger and thumb to press and shape the clay Sculptor: an artist who make sculptures Sculpture: forming solid objects to make 3d models		Images:   		Vocabulary: App: computer program on a tablet, phone or watch Algorithm: a set of steps in order to do something Audio: sound when recorded Beebot: a programmable robot Internet: global computer network that gives information and communication Predict: say or estimate what will might happen Program: defined by a set of algorithms that are completed in order to achieve a task Record: to store sounds or moving pictures using electronic equipment Video: recording of moving images		Images:  	

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



History (events beyond living memory)			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"> Wilbur and Orville Wright were brothers who lived in America (North America). They are famous for inventing the first aeroplane. The Wright brothers built the first plane called 'Wright Flyer 1' It had wings, a propeller and an engine. Their first flight was over 100 years ago (in 1903) The first flight lasted 12 seconds! 	<ul style="list-style-type: none"> Place events in chronological order Use different sources to find out about the past Use historical sources to wonder and ask questions about the past Say what is the same and what is different between two historical sources Use historical words to talk about what I know Communicate what I know in different ways 	<ul style="list-style-type: none"> We can order events on a timeline (WW2 rationing and evacuation, technology and communication) We can use sources to find out about the past North America is one the seven continents. Captain Scott went on an expedition 	<ul style="list-style-type: none"> The name and simple properties of everyday materials e.g. wood is hard Materials have different properties e.g. strong, soft Materials can be grouped in different ways The names of common plants, including garden plants, wild plants and trees, Evergreen trees have green leaves throughout the year Deciduous trees shed their leaves every year 	<ul style="list-style-type: none"> Name, compare & describe materials Investigate which materials float or sink. Ask simple questions using how and why Carry out simple tests with an adult (best material for aeroplane) Predict what may happen in an investigation Observe closely using simple equipment To record results through drawing and or a simple table prepared by the teacher (materials) To draw what happened Draw simple conclusions and explain what they did To draw on a pictogram or other chart prepared by the teacher and create class bar charts (plants) 	<ul style="list-style-type: none"> Objects are made from different materials Investigating the best material for our FS flag Planting a sunflower (autumn) Plants have roots, stem/trunk, leaves and flowers. 		
Vocabulary: Chronology: putting events or dates in order Inventor: a person who makes new inventions, devices that perform some kind of task Past: gone by in time Present: existing or occurring now Source: a place, person or thing that you can find information from.		Images: 		Vocabulary: Evergreen: trees which have green leaves throughout the year Deciduous: trees shedding their leaves every year Flower: part of a plant Material: what something is made of Observe: to look closely Pictogram: a chart which uses pictures to represent data Plant: a living thing which includes flowers, trees and vegetables Predict: make a guess about what may happen Table: a way to represent data or information in rows and columns Tree: a plant that has a stem/trunk & branches		Images: 