

CURRICULUM MATRIX YEAR 2

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic	Use of Materials		All Creatures Great and Small		Where We Live?	
History	We are Historians (2 week unit separate) The Great Fire of London Samuel Pepys Charles II		Florence Nightingale Mary Seacole		Local Study - History of Hartlepool – monkey Legend, Ward Jackson, smugglers, where Hartlepool got it's name	
Pupils should develop an awareness of the past, using common words and phrases relating to the passing of time. They should know where the people and events they study fit within a chronological framework and identify similarities and differences between ways of life in different periods. They should use a wide vocabulary of everyday historical terms. They should ask and answer questions, choosing and using parts of stories and other sources to show that they know and understand key features of events. They should understand some of the ways in which we find out about the past and identify different ways in which it is represented.						
Geography	<p>Barnaby Bear Around the World Locate the seven continents and 5 oceans use world maps, atlases and globes to identify the United Kingdom and its countries, as well as the countries, continents and oceans studied at this key stage. Link with animals found in the different habitats around the world. (hot/cold countries, water, land, desert)</p> <p>Use simple fieldwork and observational skills to study the geography of their school and its grounds and the key human and physical features of its surrounding environment.</p>		<p>Barnaby Bear visits China understand geographical similarities and differences through studying the human and physical geography of a small area in a non-European country</p> <p>use simple compass directions (North, South, East and West) and locational and directional language [for example, near and far; left and right], to describe the location of features and routes on a map (link to maths – direction and in forest school using maps to find clues for traditional stories)</p>		<p>Local Study</p> <ul style="list-style-type: none"> ❖ name, locate and identify characteristics of the four countries and capital cities of the United Kingdom and its surrounding seas ❖ use aerial photographs and plan perspectives to recognise landmarks and basic human and physical features; devise a simple map; and use and construct basic symbols in a key 	
Art and Design	<p>Key focus - Drawing Experimenting with tools and materials and drawing from observation. Hard and soft pastels, pencils, coloured pencils and chalks. Black paper. Draw familiar places or things. Look at the different qualities of line – thick, thin, wavy, straight and use a variety of media to make different lines. Look at the outline of objects and draw them. Look at the way lines change direction in different objects and draw them carefully. Name, match and draw lines/marks from observations Invent new lines Draw on different surfaces with a range of media</p>		<p>Key focus - Painting Use a variety of tools and techniques including different brush sizes and types Mix and match colours to painting and objects Work on different scales Experiment with tools and techniques e.g. layering, mixing media Name different types of paint and their properties Identify primary colours by name Mix colours and know which primary colours make secondary colours Use more specific colour language Mix and use tints and shades Mix primary shades and tones</p> <p>Drawing focus Use pencil B, HB to make observational drawings of different plants both flowering and not. Mono chrome sketches.</p>		<p>Key focus - Sculpture Manipulate malleable materials in a variety of ways including rolling and kneading Explore sculpture with a range of malleable media Manipulate malleable materials for a purpose. Join clay adequately and construct a simple base for extending and modelling other shapes Create surface patterns and textures in a malleable material Understand the safety and basic care of materials and tools Experiment with constructing and joining recycled, natural and Man-made materials Use simple 2-D shapes to create a 3-D form</p> <p>Drawing focus</p>	

	Investigate tone by drawing light/dark lines, light/dark patterns, light/dark		http://www.nga.gov/kids/zone/jungle.htm (picture using ICT in style of HR)		Observational drawing of rocks, stones, logs, driftwood – natural resources.	
	Outcome - Create own Kandinsky's based on work with lines and inspiration from Kandinsky/Mondrian.		Outcome - use plants drawn to create own Rousseau garden/jungle painting on a variety of scales.		outcome Create own mini sculptures based on the work of Barbara Hepworth Create outdoor installation using the work of Andy Goldsworthy as inspiration.	
Science	Use of Everyday Materials		Living Things and their Habitats	Animals including Humans	Plants	
Author/ type of books Focus	Traditional tales	Anthony Browne	Animal books Dick King-Smith	John Burningham Book	Julia Donaldson	Pirates
English	Traditional Tales and Alternative versions Retelling Three Little Pigs Writing own story Letter from wolf to mother pig Instructions on How to catch a wolf? How to build a house? Non-fiction – materials needed to build a house	Anthony Browne Into the Tunnel In the Forest My Dad/My Mum Explore feelings through the pictures Writing a story Fact file about parent Describing setting/character Instructions on How to be safe in a forest? Letter to family Poetry – senses (2wks)	Dick King-Smith Extracts Animal tales Questions Description of an animal Animal Fact File How to look after a pet? story Fact File about China (animals from China)	John Burningham Mr Grumpy's Outing Recounts Own experience of a trip Mary Seacole Florence Nightingale	Narrative – Significant Authors – Julia Donaldson Retelling of story Room on the Broom, Gruffalo, Gruffalo Child Describing Writing own story Biography of Julia Donaldson	History of Hartlepool – monkey legend Pirates – story Letter Diary entry Descriptive writing Information report about Pirates Poetry – alliteration- tongue twisters humorous poems (2 weeks)
Maths	Number work +, -, x, ÷	2D/3D shape Measuring problems	Pictograms Capacity Shape including symmetry Number	X and ÷ Fractions Direction patterns		measure
Computing	E-safety Computer Science/Programming- Using and understanding algorithms. (kodable)	E-safety Digital Literacy – Graphics (Word Processing) Linked to materials display	E-safety Digital Literacy – Data –collect data of minibeasts within local environment. Branching database – minibeast identification	E-safety Digital Literacy – Graphics (Keynotes/powerpoint) Creating a presentation about Mary Seacole	E-safety Digital Literacy – Animation (iMovie Morpho Puppet Pals) Creating a pirate story using props made eg setting and characters.	E-safety Information Technology – Email We are detectives

PE	Creative Movement -gymnastics	Games	Creative Movement -Dance Chinese music, dragon dance, fan dance	Games Skills	Team Games	Games Skills -jumping/throwing
Music	Make musical instruments using different materials. Explore the pitch, dynamic, tempo.		Chinese music – create music to go with their mini Chinese dragon Children to learn to play the xylophone and read simple music.		Listen to a range of Sea shanties and folk music Ch to learn some Sea Shanties Bobby Shaftoe Donkey Riding –sea shanty from Canada What shall we do with a drunken Sailor? We're going this way that way (Pirate song)	
DT	Design and make a patchwork calendar or weaving. Textiles – sewing and embellishments. Design/make/evaluate		Animal house levers/sliders Building structures -evaluate		Food – focus on where food comes from. Linked to science plant topic. Grow veg and salad. Ch to taste raw and cooked veg. Make veg soup Make a salad.	
Trips	Theatre – Jack and the Beanstalk		Animals to come into school Rossmere Park - picnic		Historic Quay	
Forest School	Use the setting for their traditional tale. Act out the story outside. Create their own story. Maths trail linked to place value. Sequencing the three little pigs story Building houses for the three little pigs Scavenger hunt Vocabulary hunt Senses What can I feel, see, hear, smell, taste?		Minibeast Hunt – counting, creating bar charts/pictograms. Science Habitats where they are found. How could we catch a woodlouse? Observational drawings Orienteering work using compass directions and directional language.		Leaf kebabs – how many leaves can you find? How many different types of leaves can you find? Name the trees using a key Name the plants using a key. Create sculptures using natural materials (art) Observational drawings of plants	
Thinking Skills	Invention Key - invent a super bug How many ways could you catch a butterfly? What if butterflies were the size of cars? The Construction Key Construct a trap for a spider Materials: One sheet of newspaper 10 rubber bands Sellotape Scissors A-Z of animals and plants Use thinking hats red, black, green		What if rain was hot? Disadvantage Key – what is the disadvantages of an umbrella? BAR key to re-design a house The Variations Key How many ways can you keep dry in the rain? Different uses key How many uses can you think of for a ball of string? The Tower Challenge – design a tower to hold an egg. Use thinking hats red, black, green, white		A-Z of countries/places Give 5 questions with the answer Hartlepool. Design a machine that will chop and make vegetable soup. Invent a new fruit or veg. How to cross a river? Using PE equipment eg mats, only allowed 2 mats to get across. Design shoes that will make them jump higher. (PE) Use thinking hats – introduce yellow and blue	