

BARNES PRIMARY SCHOOL CURRICULUM MAP

YEAR GROUP: 6

		AUTUMN		SPRING		SUMMER	
THEME		Dangerous Earth				Ancient Egyptians	
CORE CURRICULUM	ENGLISH	<p>Texts studied: Goodnight Mister Tom</p> <p>Writing outcomes: Two diary extracts, detailed written comprehensions</p>	<p>Texts studied: Beowulf, A Christmas Carol</p> <p>Writing outcomes: descriptive piece of writing, a newspaper report, a playscript and biography</p>	<p>Texts studied: Street Child</p> <p>Writing outcomes: three chapter narrative</p>	<p>Texts studied: The Iron Woman, Rythym and Poetry,</p> <p>Writing outcomes: a formal invitation, a persuasive letter, children’s own poems,</p>	<p>Texts studied: The Wedding Ghost, Julius Caesar</p> <p>Writing outcomes: a diary entry, a narrative and a scripted interview, a balanced argument, a formal letter and an explanation</p>	<p>Learning Themes focus and The Year 6 production</p>
	MATHS	<p>Number:</p> <ul style="list-style-type: none"> comparing, ordering & rounding, a range of informal and formal written strategies for four operations including long multiplication and long division, and word problems based on the four operations of number factors and multiples <p>Mathematical reasoning is built into all units of learning.</p> <p>On-going multiplication and division tables tests.</p>	<p>Fractions: comparing, ordering, addition, subtraction, multiplication and division.</p> <p>Data handling: statistical analysis (to choose the appropriate type of graph and chart to answer a line of enquiry), scatter graphs</p> <p>Mathematical reasoning is built into all units of learning.</p> <p>On-going multiplication and division tables tests.</p>	<p>Number: decimals, percentages, ratio and proportion (FDPRP)</p> <p>Geometry: constructing angles, finding missing angles in triangles and quadrilaterals and finding missing angles on a straight line and around a point, properties of 2D, area, perimeter and volume</p> <p>Statistical analysis: averages, reading and interpreting graphs and charts, co-ordinates</p> <p>Mathematical reasoning is built into all units of learning.</p> <p>On-going multiplication and division tables tests.</p>	<p>Number: algebra, Roman numerals and converting units of measurement</p> <p>Geometry: properties and nets of 3D shapes, symmetry, rotation and reflection, properties of a circle including area and circumference</p> <p>Statistical analysis: co-ordinates and translations</p> <p>Mathematical reasoning is built into all units of learning.</p> <p>On-going multiplication and division tables tests.</p>	<p>Revision and past SATs papers</p>	<p>Learning Themes focus – Ancient Egyptian Maths</p>

	SCIENCE	<p>Topic: Living Things and Their Habitats</p> <p>Key learning points: the seven life processes, using and constructing branched keys, food chains and food webs, habitats and adaptation, Charles Darwin and Carl Linnaeus</p>	<p>Topic: Micro-organisms</p> <p>Key learning points: the characteristics of bacteria, viruses and fungi, Edward Jenner, Louis Pasteur, Joseph Lister and Alexander Fleming</p>	<p>Topic: Reversible and irreversible changes.</p> <p>Key learning points: how to obtain water from a salt- water solution, observation of reversible and irreversible changes,</p>	<p>Topic: Evolution and Inheritance.</p> <p>Key learning points: evolution, fossils and natural selection</p>	<p>Topic: Light.</p> <p>Key learning points: light appears to travel in straight lines, we see things because light reflects into our eyes, relationship between light and shadows.</p>	
	Computing	<p>E-safety topic: think before you post</p> <p>Main topic: build a spreadsheet (linked to Dangerous Earth learning theme)</p>	<p>Main topic: build a spreadsheet (linked to Dangerous Earth learning theme)</p>	<p>E-safety topic: digital literacy (evaluating digital content)</p> <p>Main topic: using computing to programme, monitor and control D&T products</p>	<p>Main topic: using computing to programme, monitor and control D&T products</p>	<p>E-safety topic: copyright and plagiarism</p> <p>Main topic: Programming (Scratch)</p>	<p>Main topic: Programming (Scratch)</p>
FOUNDATION SUBJECT / LEARNING THEME	HISTORY		<p>Historical enquiry focusing on the eruption of Mount Vesuvius in 79AD (short unit)</p>	<p>Learning theme: The Maya</p> <p>Historical enquiry “Who were the Maya and what caused the urban decline of the 9th Century.”</p> <p>A range of activities designed are undertaken to build an understanding of the Maya’s place in history, their way of life and the causes of the demographical changes that occurred in the 9th Century. Links are drawn between other ancient civilisations, both contemporary and not.</p>		<p>Learning theme: Ancient Egyptians</p> <p>Content: constructing a timeline, observing photographs and making careful sketches of artefacts, looking at photos and video material of the River Nile, using art work from Nebuman’s tomb to understand his way of life</p> <p>Key skills developed: to use a chronological framework to order historical periods, to make inferences and deductions about the past and their way of life based on surviving artefacts, looking at photos and video material of the River Nile, to use secondary sources to extract evidence about a family living in Ancient Egyptian times</p>	
	GEOGRAPHY	<p>Learning theme : Dangerous Earth</p> <p>Content: using maps to locate natural disaster hotspots, learning about the structure of the Earth, plate tectonics and the formation of mountains, geographical enquiry focusing on San Francisco,</p> <p>Key skills developed: to use a range of maps to identify specific information, to understand a geographical process (mountain formation), to understand the geographical features of a region (North America), use a range of source material to understand what happened during a natural disaster.</p>					

	DESIGN TECHNOLOGY	Using cams to create reciprocal motion		See computing		Food technology – design and prepare dishes using Egyptian cuisine	
	ART	Sketching Salisbury Cathedral and Stonehenge.	Home Learning project – Dangerous Earth. Creating a model of or presentation on a chosen natural disaster. Using oil pastels to produce scenes from the story of Beowulf.	Arts Week focus	Using clay to make imaginary organisms linked to the science unit Evolution and Inheritance Mayan art – print making Key skills: To improve pupils art and design techniques by using prints	(If time allows) Focus: Ancient Egyptian Theme – plaster cast of a tomb painting Key skills: mixing plaster, planning and designing ‘my life story’ by carving images onto the plaster cast in the style of the Ancient Egyptians, applying watercolours to the finished product Focus: Ancient Egyptian Theme – pottery designs Key skills: to make close observations of symmetrical designs and design their own using their creative journals	
	PHYSICAL EDUCATION	Gymnastics /Rugby Focus for gymnastics: balances and partner work	Gymnastics/Football Focus for gymnastics: balances and partner work	Dance/Athletics Focus for dance: developing movement by building a series of dance moves based on the ‘Dangerous Earth’ unit	Dance/Basketball/Netball Focus for dance: developing movement by building a series of dance moves based on the ‘Dangerous Earth’ unit	Swimming/Cricket	Swimming/Tennis
	PERSONAL, HEALTH, CITIZENSHIP & SOCIAL EDUCATION (PHCSE)					Taking Risks - Drugs and Alcohol Education This unit covers: -Short term and long term effects of drinking and smoking -Understanding the positive and negative outcomes when taking risks -Examining peer pressure	Sex Education This unit covers: -Puberty and reproduction -Understanding relationships -Conception and pregnancy -Being a parent
	RELIGIOUS EDUCATION	Customs and Traditions (focus on Sikhism)		Choices, Morals and Ethics			