

Cabot Primary School Year 5/6

Year Group Curriculum Map - Cycle B

	Autumn Theme: ANCIENT CHINA (I don't give a dam)	Spring Theme: Blood of life – lets circulate Going round in circles You spin me right round	Summer Theme: NEW DISCOVERIES, NEW WORLD
TEXTS: FICTION	DK Eyewitness Books: Ancient China Hardcover by Arthur Cotterell, Laura Buller	A Touch of Wind (Mad Myths) – Steve Barlow and Steve Skidmore	The silly solar system by Kevin Price
NON-FICTION	The Emperor and Nightingale Chinese Cinderella Paperback by <u>Adeline Yen Mah</u>	Lifecycles of plants and animals Helen Lepp Friesen	The Comic Strip History of Space Tracey Turner, Sally Kindberg Phoenix SF Said
Science	<p>Properties and Changes of Materials</p> <p><u>Know</u> – Compare and group together everyday materials on the basis of their properties; know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution; use knowledge of solids, liquids and gases to decide how mixtures might be separated; give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic; demonstrate that dissolving, mixing and changes of state are reversible changes; explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible.</p> <p><u>Understand</u> – Planning, recording and reporting scientific enquiries to investigate the properties of materials.</p> <p><u>Do</u> – Design and make a Shang Dynasty era building, choosing materials and giving reasons for their use. Describe the process for making Bronze, linking</p>	<p>Living things and their habitats</p> <p><u>Know</u> – Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird; describe the life process of reproduction in some plants and animals.</p> <p><u>Understand</u> – Researching life cycles of different animals, reporting and presenting findings, identifying scientific evidence .</p> <p><u>Do</u> – Create models of life cycles of different animals, complete with scientific labels. Compare two different types of animals' life cycles – presenting findings as an expert.</p>	<p>Earth and space</p> <p><u>Know</u> – Describe the movement of the Earth, and other planets, relative to the Sun in the solar system; describe the movement of the Moon relative to the Earth; describe the Sun, Earth and Moon as approximately spherical bodies; use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.</p> <p><u>Understand</u> – Record data using tables and graphs, presenting findings from enquiries, identifying scientific evidence that has been used to prove that the Sun is the centre of the solar system and the Earth is spherical.</p> <p><u>Do</u> – Make a scale model of the solar system. Role-plays: Galileo's discoveries and struggles; interview different astronauts. Drama: demonstrate why we have day and night. Report writing on an aspect of the solar system: links to literacy.</p>

Cabot Primary School Year 5/6

Year Group Curriculum Map - Cycle B

	to reversible/irreversible change.		
	<p>Working scientifically – super scientists</p> <p><u>Know</u> – know the names of a range of scientists; explain what a scientist is; know a range of jobs that scientists can do; describe some discoveries/inventions of scientists.</p> <p><u>Understand</u> – Research and present findings from enquiries into famous scientists.</p> <p><u>Do</u> – research and create biography of famous scientists throughout history.</p>	<p>Animals, including humans – circulatory system</p> <p><u>Know</u> – identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function. Describe the ways in which nutrients and water are transported within animals, including humans.</p> <p><u>Understand</u> – Investigate the effects of exercise on our bodies by: taking measurements using a range of scientific equipment; taking repeat readings where appropriate, recording data using scientific diagrams, reporting and present findings from enquiries.</p> <p><u>Do</u> – investigate pulse rates and the effect that exercise has on our pulses. Drama to explore how the circulatory system works. Video report on how to stay healthy.</p>	<p>Forces</p> <p><u>Know</u> – Explain that unsupported objects fall towards the Earth because of the force of gravity; identify the effects of air resistance, water resistance and friction, that act between moving surfaces; recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.</p> <p><u>Understand</u> – Plan scientific enquiries to answer questions (e.g. which surface does a toy car move fastest on, what’s the best parachute etc.) , including recognising and controlling variables; taking measurements using a range of scientific equipment (use force meters); recording data and presenting findings to answer questions, including recognising and controlling variables where necessary.</p> <p><u>Do</u> – Design and make a parachute that takes the longest time to fall to the ground. Experiment with how to make a piece of paper sink (by changing its shape). Create posters/labelled diagrams to explain forces.</p>
History	<p>The Shang Dynasty of Ancient China.</p> <p><u>Know</u> the achievements of the earliest civilizations – an overview of where and when the first civilizations appeared and an in-depth study of The Shang Dynasty of Ancient China.</p> <p><u>Understand</u></p>	<p>Ancient Greece</p> <p><u>Know</u> Study of Greek life and their influence on the modern world.</p> <p><u>Understand</u> How the Ancient Greeks had impact on our</p>	<p>Space Race</p> <p><u>Know</u> To know about key events from the wider world, focusing on the Cold War and the Space Race.</p> <p><u>Understand</u></p>

Cabot Primary School Year 5/6

Year Group Curriculum Map - Cycle B

	<p>The similarities and differences between the Shang Dynasty and Modern Britain. To make predictions about objects.</p> <p><u>Do</u> Science link – design and make house using Make clay tablets with Chinese characters.</p>	<p>lives today – democracy, philosophy, art etc.</p> <p><u>Do</u> Greek day – children create their own Greek character. Greek parliament – have a debate, create laws. Olympics games – PE links</p>	<p>The technological developments which led up to space explorations and the key events in this time.</p> <p><u>Do</u> Debate – was it right to send a dog into space PE links – NASA train like an astronaut skills.</p>
Geography	<p>China – Describing geographical features.</p> <p><u>Know</u> Use maps, atlases, globes to locate and describe features of UK and China.</p> <p>Human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water.</p> <p><u>Understand</u> The physical difference of locations around the world and how this affects the lives of people who live there.</p> <p><u>Do</u> News report – what happens to the people who live near the three dams. Debate – dam building</p>	<p>Cycles Water cycle – rivers and oceans.</p> <p><u>Know</u> The physical and human geography of the UK (hills, mountains, coasts and rivers).</p> <p>Physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle,</p> <p><u>Understand</u> The difference between human physical features of locality.</p> <p><u>Do</u> Make an information film about rivers – the journey that a river takes.</p> <p>Write a story about the journey of a water droplet.</p>	<p>Link to the Space Race.</p> <p><u>Know</u> Locate the world’s countries using maps to focus on Europe, including the location of Russia and N/S America.</p> <p>Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night),</p> <p><u>Understand</u> To use an atlas to locate key countries studied and lines of latitude and longitude.</p> <p><u>Do</u> Report – compare Russia, USA and UK with reference to time zones (link to Space Race). Role play – cold war phone call</p>
Art	<p>Blue Chinese plates</p> <p><u>Know</u> To know the story of willow pattern plates.</p>	<p>Andy Warhol (link to famous print of Andy Warhol’s endangered animals) focus on non-mammals.</p> <p><u>Know</u></p>	<p>Sketching, painting and blending Linked to space and the planets.</p> <p><u>Know</u> Different artist techniques and mediums within</p>

Cabot Primary School Year 5/6

Year Group Curriculum Map - Cycle B

	<p><u>Understand</u> To be able find elements from the stories in willow plates. The understand the techniques needed to work with clay and paint.</p> <p><u>Do</u> To design and make own willow pattern plates in clay.</p> <p><u>Celebration day – plate painting (real plates)</u></p>	<p>Look at Andy Warhol’s Endangered Species series. Research the life and work of Andy Warhol.</p> <p><u>Understand</u> Children chose own endangered animal and research it. To be able use different mediums to create picture. To understand contrasting colours and use these effectively in pieces of art.</p> <p><u>Do</u> Create own endangered animal picture, in style of Andy Warhol. Exhibition – other classes invited to see the finished art works.</p>	<p>art.</p> <p><u>Understand</u> How to make marks and use different techniques – inspired by pictures of the planets.</p> <p><u>Do</u> Paper maiche planets.</p>
DT	<p>Chinese food</p> <p><u>Knowledge</u> Food eaten in China</p> <p><u>Understand</u> How different food is prepared and cooked.</p> <p><u>Do</u> Make spring rolls</p> <p><u>WOW DAY – Chinese Food Tasting - Afternoon</u></p>	<p>Food-</p> <p><u>Knowledge</u> What seasonality is, how is effects our diets.</p> <p><u>Understand</u> Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed</p> <p><u>Do</u> Make own herb planter. Plant with herbs and make into salad.</p>	<p>Moving toys</p> <p><u>Knowledge</u> To look at a variety of toys – know how they move.</p> <p><u>Understand</u> To understand how mechanical systems work – pullies, gears, levers, cams and linkages.</p> <p><u>Do</u> Make own moon buggy toy.</p>
Music	<p>Pentatonic Scales</p> <p>Know – What the pentatonic scale is and how it is used in music. How to create a piece of music using the pentatonic scale.</p> <p>Understand – play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing</p>	<p>Bristol Curriculum – Water</p> <p>Know - to explore rhythm, create textures and compose within a given structure (ternary form); I,</p> <p>Understand –the effects of different rhythm patterns; how to compose, perform, sing and listen to sea shanties.</p>	<p>Space Music – The Planets</p> <p>Know: listen with attention to detail and recall sounds with increasing aural memory; appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians; develop an</p>

Cabot Primary School Year 5/6

Year Group Curriculum Map - Cycle B

	<p>accuracy, fluency, control and expression.</p> <p>Do – create and perform a song using the pentatonic scale (link to China and dragon music).</p>	<p>Do – perform and record our own sea shanties.</p>	<p>understanding of the history of music.</p> <p>Understand: how music has changed over time; how the same piece of music can be played in different ways; how music can create different emotions.</p> <p>Do: inspired by Holst’s the Planets, children use electronic equipment to record and create their own ‘journey into space’ music.</p>
	<p>Who knows?</p> <p>Know how to use notation on the staff (and other types of notation), pitch, rhythm and creative use of sound.</p> <p>Understand improvise and compose music for a range of purposes using the inter-related dimensions of music; how to use notation.</p> <p>Do create music in response to stimulus (Shang Dynasty), using notation to record work and support performance.</p>	<p>Cyclic Patterns (African or Raga)</p> <p>Know: listen with attention to detail and recall sounds with increasing aural memory; appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians</p> <p>Understand: identifying and repeating rhythmic patterns with a sense of timbre and duration.</p> <p>Do: use percussion instruments to create rhythmic, cyclic pieces of music.</p>	<p>Songwriter</p> <p>Know: improvise and compose music for a range of purposes using the inter-related dimensions of music; use and understand staff and other musical notations.</p> <p>Understand: the role of lyrics in songs; how lyrics can convey mood or tell a story; cultural and social significance of lyrics and how to reflect these in a performance.</p> <p>Do: create and perform melodies, using lyrics and music.</p>
RE	<p>UNIT 3 Why do religious books and teachings matter?</p> <p>Knowledge To know what the main books and teaching of Christianity and Islam are</p> <p>Understand To understand why these matter</p>	<p>UNIT 5 Why are some journeys and places special?</p> <p>Knowledge To know about pilgrimages and holy places are in Christianity and Islam</p> <p>Understand To understand why these are important.</p>	<p>UNIT 6 How do we make moral choices? Focus Areas: A & F Featured religions: Christianity & Hinduism</p> <p>Knowledge To know how followers of different religions make moral choices</p> <p>Understand To understand why morals are important</p>

Cabot Primary School Year 5/6

Year Group Curriculum Map - Cycle B

	Do Create their own special book	Do Share experiences of pilgrimages within the class.	Do Drama activities such as 'conscious ally'
PHSE	<p>Knowledge To know the class rules and expectations</p> <p>Understanding To understand what makes a happy class</p> <p>Do Write a class agreement</p>	<p>Knowledge To understand the importance money, earning, spending wisely and saving.</p> <p>Understanding To understand wealth and poverty in the UK and across the world.</p> <p>Do Saving/spending role play.</p>	<p>Knowledge To know about the different relationships</p> <p>Understanding To understand and appreciate different types of families.</p> <p>Do Create family portraits.</p>
PE	Real PE Unit 1 and 2	Real PE Unit 3 and 4	Real PE Unit 5 and 6
French	Animals Questions Making sentences	Animals and colours Masculine and feminine nouns Verbs and adverbs	French phonics The Solar System Adjectives
ICT	<p>Y5 iProgram Unit 1</p> <p>Knowledge To know about different computer games</p> <p>Understanding To understand how computer games work</p> <p>Do Design and evaluate own computer game.</p>	<p>Y5 iWeb</p> <p>Knowledge To know that web content is created using HTML</p> <p>Understanding To understand HTML</p> <p>Do Create a simple website using HTML</p>	<p>Y5 iProgram Unit 2</p> <p>Knowledge To know about the process of making mobile appas</p> <p>Understanding To know how to make a mobile app</p> <p>Do Design mood board and powerpoint about mobile app</p>