

Year 5 Overview 2022-2023



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
History PKC	<u>Baghdad AD900</u> 1. The Rise of Islam 2. Baghdad: A City of Peace 3. Baghdad: Building a City 4. Baghdad: A Centre for Learning in the Islamic Golden Age 5. The Mongol Attack on Baghdad and the Regional Powers		<u>The transatlantic slave trade</u> 1. The Origins of the Transatlantic Slave Trade 2. The Atlantic Passage 3. Enslaved Africans: Treatment and Resistance 4. The Abolition of Slavery 5. The Abolitionists: Clarkson, Wilberforce and Equiano		<u>The industrial revolution</u> 1. The Industrial Revolution 2. Cotton Production 3. Steam Engines and 4. Iron and Coal 5. Children at Work <u>The Victorian age</u> 1. The Reign of Queen Victoria British Empire 2. Victorian Cities 3. The Poor Law and the Workhouse 4. Leisure 5. Life by 1900	
Science PKC	<u>The Human Body:</u> 1. Human Growth Stages 2. Adolescence and Puberty 3. Slowing Down 4. Growth in Humans and Animals	<u>Materials</u> 1. Properties of materials 2. Which material is best? 3. Solubility- which materials are most soluble/what solubility means	<u>Living Things</u> 1. Life cycles of plants and animals in our local area 2. Reproduction in Plants 3. Life cycles of Mammals and Amphibians 4. Life cycles of insects and birds	<u>Forces</u> 1. Forces including gravity 2. Air resistance, water resistance and friction 3. Guided investigation: Paper Drop	<u>Astronomy</u> 1. The Big Bang and the expanding universe 2. Gravity 3. Our Solar System 4. The Moon 5. Our Galactic neighbourhood	<u>Meteo</u> 1. 2. 3. 4. 5.

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	5. Preparation for Assessment (research and scientific drawing)	4. Separating mixtures- sieving, filtering, evaporating 5. Reversible changes- dissolving, mixing, change of state	5. The work of David Attenborough and Jane Goodall	4. Guided investigation: Paper Drop 5. Pulleys, gears and levers		
Art PKC	<p><u>Style in Art</u></p> <p>Artists/Designers: Stubbs, Munch, Watteau, Chippendale, Van Doesburg, Breuer, Mondrian, Delaunay, Pollock, Rothko, Kandinsky</p> <p>Concepts: What is style in art,</p>	<p><u>Islamic Art and Architecture:</u></p> <p>Architecture: The Dome of the Rock, The Alhambra, The Taj Mahal, Begum Concepts: Features of Islamic art and design - geometric patterns, vegetal patterns, calligraphy,</p>	<p><u>Art from Western Africa</u></p> <p>Art: Antelope headdresses of Mali, ivory carvings and bronze relief sculptures and panels from Benin</p> <p>Concepts: Spiritual purpose and significance of many African works of</p>	<p><u>Chinese Painting and Ceramics</u></p> <p>Art: Become familiar with examples of Chinese art, including: silk scrolls, calligraphy, brush writing and painting, porcelain.</p>	<p><u>Print Making</u></p> <p>Artists: Rembrandt, Hogarth, Hokusai, Warhol</p> <p>Concepts: Printmaking as an indirect art form: blocks, plates, silk screens.</p> <p>Printmaking can be a positive (relief), negative (intaglio) or stencil process.</p>	<p><u>Take</u></p> <p><u>exte</u></p> <p>Exte</p> <p>fo</p> <p>pictu</p> <p>Nati</p> <p>Take</p> <p>Em</p> <p>inv</p> <p>ap</p> <p>findin</p>

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	<p>features of Rococo art and design, features of Modernist art and design, comparing Rococo and Modernist styles, features and ideas behind abstract art, colour theory in abstract art</p> <p>Skills: Using oil pastels and soft pastels to create light/shade and different marks, accurately copying shapes, independent design by drawing, painting with acrylic on canvass, painting patterns, using colour</p>	<p>tilework, plasterwork. Characteristic features of Islamic architecture in mosques, palaces and tombs - domes, minarets, arches, muqarnas. Skills: using rulers and compasses to draw geometric patterns, paintings with inks, working with clay - carving and building up, painting clay.</p>	<p>art, ceremonial masks, cultural changes reflected in artwork, for example the influence of the Portuguese traders on West African art.</p> <p>Skills: Using 3d mixed media to design and create relief sculptures.</p>	<p>Concepts: Chinese painting materials, using brushes and colour in a different way, Chinese painting style and design, creation and decoration of porcelain, Chinese trade with and influence on Western Europe.</p> <p>Skills: Using Chinese painting materials and Chinese painting style - emphasis on brush use</p>	<p>Printmaking allows the creation of multiple versions of the same design.</p> <p>Skills: Mono-printing with Perspex, printing ink and pencils, screenprinting with stencils.</p>	<p>chos To in curr and co Cl ch d a resp foc Thi grou th</p>
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	theory to make colour decisions, creating texture with acrylic					
DT	<p>Mechanics</p> <p>Convert rotary motion to linear & innovative combinations of electronics and mechanics in product design</p> <p>LINK: History - Baghdad - build a drawbridge to Baghdad.</p>		<p>Textiles</p> <p>Create objects that employ a seam allowance; use a combination of stitching techniques & create visual and tactile effects</p> <p>LINK: Geography - Australia - headwear from aboriginal art.</p>		<p>Food</p> <p>Storage and handling; measure accurately; ratio; baking and cooking techniques & create and replicate</p> <p>LINK: History - Victorians - Victorian recipe/ modern</p>	
Geography PKC	<p>Spatial Sense</p> <ol style="list-style-type: none"> Maps: dividing the world into sections. Eastern and Western hemispheres Maps: using co-ordinates to locate places. Maps: drawn to different scales. Relief maps 	<p>Mountains</p> <ol style="list-style-type: none"> Mountains The Alps The High Peaks of the Himalayas American Mountains African Mountains 	<p>UK Geography: East Anglia, The Midlands, Yorkshire and Humberside</p> <ol style="list-style-type: none"> East Anglia - Physical Geography East Anglia- Land Use The Midlands - Settlements Yorkshire and Humberside - Physical Geography Yorkshire and Humberside - Human Geography 	<p>Australia</p> <ol style="list-style-type: none"> Australia- location and physical geography The history of Australia Settlements Climate Biodiversity 	<p>New Zealand and the South Pacific</p> <ol style="list-style-type: none"> New Zealand and the South Pacific- location and physical geography The history of New Zealand- The Maori Earthquakes Climate, Biomes and Animals South Pacific Islands 	<p>Local</p> <ol style="list-style-type: none"> Geography Skills Local (Field) Data Collection (Field) Geography

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PE	Invasion Games (9-10 years) Evasion/ Depending /movement with equipment/passing & receiving with defenders/ scoring		Dance 5a 1. Freestyle 2. Samba Copy/create and perform/ timing/levels/evaluate	Outdoor Adventurous Activities (OAA) Problem solving, scavenger hunt, orienteering	Athletics 3 (Age 9-11 Part) Sports Day practice Running/ Jumping/Thro	
	Invasion Games Netball Depending, shooting, high five, areas of play	Invasion Games Handball /Basketball Dribbling, passing & shooting, Game play		Dance 5b Hip Hop Choreography, pair work, group work performing	Invasion Games Netball Depending, shooting, high five, areas of play	
RE	Hinduism - reincarnation/Gods		Islam - Hajj		Christianity/Islam - Symb leadership	
PSHE (Jigsaw)	Being me in my world	Celebrating difference	Dreams and goals	Healthy me	Relationships	Ch
Music (Charanga)	Young Voices 2023	Christmas	Charanga Unit Getting started with music tech		Charanga Unit Identifying important musica	
Computing (Icompute)	Program	Algorithm/Crypto	Web	Program	Model	