

St Ann's Heath Junior School
Curriculum Map showing Learning Topics

Year 6	English (including texts covered)			Maths			Science		
	Term 1	<p>The World Wars Texts: Letters from the Lighthouse and When Hitler Stole Pink Rabbit</p> <ul style="list-style-type: none"> Story from historical setting, diary extracts, descriptive writing <p>Our planet Texts: A variety of non-fiction texts, Bear Grylls Autobiography</p> <ul style="list-style-type: none"> Non-chronological report, newspaper reports, autobiographies, discussion text 			<p>Place Value - Read, write, order, round and compare numbers to at least 10,000,000, round any whole number, use negative numbers in context</p> <p>The Four Operations - Multiply multi-digit numbers up to 4 digits by a two digit whole, divide numbers up to 4 digits by a 2-digit whole number</p> <p>Fractions - Compare fractions; add, subtract, multiply and divide fractions; calculate decimal fraction equivalents</p> <p>Geometry - Position and Direction - Describe positions on the full coordinate grid, translate shapes</p>			<p>Electricity - Identify symbols of electrical components, draw circuits and associate the brightness of a lamp or volume of a buzzer with the number and voltage of cells used in the circuit</p> <p>Living things and their habitats - Classify plants and animals according to specific characteristics and describe how living things are classified into broad groups using classification trees to identify species</p> <p>Evolution - Recognise that fossils provide us with information from hundreds of years ago, describe that living things have changed and adapted over time and identify how plants and animals adapt to their habitats and how adaptation may lead to evolution of species</p>	
Term 2	<p>Macbeth</p> <ul style="list-style-type: none"> Play script <p>The Vikings in Anglo Saxon Britain Text: Viking Boy</p> <ul style="list-style-type: none"> Story from historical setting, recount 			<p>Decimals - Identify the value of each digit in numbers up to 3 decimal places, multiply and divide by 10, 100, 1000, multiply one-digit numbers with up to two decimal places by whole numbers</p> <p>Percentages - Recall and use equivalences between simple fraction, decimals and percentages</p> <p>Algebra - Use simple formulae and generate linear number sequences, use symbols and letters to represent variables</p> <p>Measurement - Solve problems using the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate (length, mass, volume and time)</p> <p>Perimeter, Area and Volume - Recognise that shapes with the same area can have different perimeters and vice versa, recognise when it is possible to use formulae for area and volume of shapes, calculate the area of parallelograms and triangles</p>			<p>Light - Recognise that light travels in straight lines and that objects are seen because they give out or reflect light into the eye, explain why shadows have the same shape as objects that cast them and recognise different types of mirror and understand their uses</p>		
Term 3	<p>The Hobbit</p> <p>The Victorians Text: Street Child</p> <ul style="list-style-type: none"> Ghost Stories, formal writing <p>The Human Body Texts: A variety of non-fiction texts</p> <ul style="list-style-type: none"> Non-chronological reports, instructions, persuasive writing 			<p>Ratio - Solve problems where missing values can be found using multiplication and division facts; involving the calculation of percentages; involving similar shapes where the scale factor is known or can be found</p> <p>Properties of Shape - Draw 2D shape using given dimensions and angles and build 3D shapes including making nets; compare and classify geometric shapes based on their properties and find unknown angles; illustrate and name parts of circles including radius, diameter and circumference and know that the diameter is twice the radius; recognise angles where they meet at a point, are on a straight line, or a vertically opposite and find missing angles</p>			<p>Animals including humans - Identify the main parts of the human circulatory system and describe the functions of the heart, blood vessels and blood; recognise and explain the impact of diet, exercise, drugs and lifestyle, describe how hormones and oxygen are transported from the lungs and around the body within animals, including humans</p>		
Religious Education	Computing and E-Safety	Geography	History	Art	Design and Technology	Personal, Social, Health & Economic Education	French	Music	VISITS AND OTHER SPECIAL EVENTS
<p>What do the Gospels say about the birth of Jesus- and why is it good news?</p> <p>How is God three- yet one?</p> <p>Adam, Eve, Christmas and Easter: What are the connections?</p> <p>Compulsory Unit: Islam How can a Mosque help us to understand the Muslim faith?</p>	<p>We are app planners - Research apps and initial designs</p> <p>We are project managers Planning the timeline for app development</p> <p>- Sourcing material for app development</p> <p>We are market researchers - Create a survey - Interview consumers</p> <p>We are interface designers -Design app interface</p> <p>We are app developers - Create sales pitch and advert</p>	<p>Planet Earth - Locate the world's countries - Climate zones - Climate change and its effects - physical geography - Volcanoes, earthquakes, landslides, hurricanes and Tsunamis</p> <p>Locality study linked to the Victorians - Comparison of a locality</p>	<p>WW1 and WW2 - Methods of historical enquiry - Using historical vocabulary - Organising and presenting work in different ways</p> <p>The Vikings -Learn about the characteristic features of the periods and societies studied such as Anglo Saxon place names and village life - Learn about the social, cultural, religious and ethnic diversity of the societies studied, in Britain and the wider world</p> <p>The Victorians - Comparisons of rich and poor - The industrial revolution</p>	<p>Line and Tone</p> <p>Propaganda Posters</p> <p>Dale Chuilly art - Create natural disasters linked to Planet Earth topic</p> <p>Design and make a Viking figure head using model magic</p> <p>Study royal portraits and create a to scale portrait of Queen Victoria</p>	<p>Making air raid shelters - Design, make and evaluate in groups</p> <p>- Use tools such as saws and glue guns</p> <p>Food tasting of WW2 food - Evaluate taste, texture, aroma</p> <p>Building a Viking long ship - Design, make and evaluate in groups</p> <p>Creating and making a healthy recipe</p>	<p>Celebrating difference - Accepting that everyone is different - Understanding disabilities -Understanding and knowing how to help if someone is bullied</p> <p>Dreams and goals -Setting personal goals and recognising achievements</p> <p>Healthy me -Making healthy choices -Understanding emotional and mental health -Managing stress</p> <p>Relationships -Making friends -Love and loss -Being safe with technology</p> <p>Changing me -Self image - Puberty -Girl talk/Boy talk</p> <p>Transition to secondary school</p>	<p>To be added shortly</p>	<p>To be added shortly</p>	<p>WW2 Day</p> <p>Henley Fort</p> <p>Junior Citizen</p> <p>Viking Day</p> <p>Victorian Day</p> <p>Ironbridge Residential</p>