

Year Five: Curriculum Map 2019-20

Subject	Autumn 1 st half	Autumn 2 nd half	Spring 1 st half	Spring 2 nd half	Summer 1 st half	Summer 2 nd half
English	<p><u>World War Two- The Home Front</u></p> <p>Non-chronological report on the beginnings of the war.</p> <p>Friend Or Foe Michael Morpurgo</p> <p>Descriptive/ narrative writing- The Blitz Setting description- evacuation Letters between David and his mother- formality. Balanced argument (assessment writing)</p> <p>(Optional: Journalistic writing- capture of the German soldiers.) <i>Class author: Michael Morpurgo</i></p>	<p><u>World War Two- The War in the Rest of the World</u></p> <p>Beyond the Lines (film text) Literacy Shed unit.</p> <p>Journalistic writing- the D Day landings</p> <p>Descriptive writing- figurative language focus, setting description, character description</p> <p>Letters home from different perspectives: French/ German/ British/ American soldiers</p> <p>Diary from the front line Interviews Flashback writing (narrative) <i>Class author: Anne Frank</i></p>	<p>The Dreadful Menace</p> <p>Descriptive techniques- metaphor, simile, personification, hyperbole, alliteration, higher level vocabulary work.</p> <p>Setting description Poetry- syllables, rhyme patterns. Narrative- writing from different perspectives. (assessment writing)</p> <p>Cross curricular writing- mountains and weather non-chronological reports/ explanation writing.</p> <p><i>Class author: Spike Milligan</i></p>	<p>The Highwayman</p> <p>Descriptive techniques- metaphor, personification, simile</p> <p>Character description Narrative- key scene from the story. Diary entry- Tim</p> <p>Journalistic writing- Newspaper report- bias (assessment writing)</p> <p><i>Class author: David Walliams</i></p>	<p><u>Journeys</u></p> <p>The Arrival - Shaun Tan (wordless text)</p> <p>Narrative/ recount: the journey to the train station</p> <p>Persuasive letter writing: convincing the man's wife and child to come to the new world.</p> <p>Non-chronological report: creatures encountered in the new world</p> <p>Balanced argument/ Persuasive writing: Should refugees be allowed into the UK? (assessment writing) <i>Class author: Jenny Broom - The Wonder Garden</i></p>	<p><u>Journeys</u></p> <p>Oranges in No Man's Land</p> <p>Non-chronological report: Lebanon.</p> <p>Setting description- No Man's Land Drama- freeze frames First person diary entry as Ayesha. Postcard to father Writing from a different perspective- Abu Boutros (formal report)</p> <p>Journalistic writing: Ayesha's Journey (assessment writing) <i>Class author: Jacqueline Wilson</i></p>
Maths	<p>Place Value (3 weeks) Read, write, order and compare, numbers to at least 1,000,000, know the value of each digit. Round to the nearest 10, 100 or 1000, 10,000 &</p>		<p>Multiplication and Division (3 weeks) Know & use the vocab of prime numbers, prime factors and composite numbers, establish whether a number up to 100 is a prime & recall</p>		<p>Fractions, decimals and percentages (3 weeks) Add & subtract fractions with the same denominator & denominators that are multiples of the same number.</p>	

	<p>100,000. Solve problems. Multiply & divide by 10, 100 & 1000. Read & write decimals as fractions, recognise & use decimals to 3 places. Round decimals with up to 2 places. Solve problems with decimals to 3 places. Convert between metric units.</p> <p>Addition and Subtraction (3 weeks) Add & subtract numbers with more than 4 digits using formal written methods. Use mental methods to add & subtract large numbers. Use rounding to check answers. Solve problems choosing operations & methods to use. Solve problems with measures & decimals.</p> <p>Multiplication and Division (3 weeks) Identify multiples & factors. Multiply & divide numbers with 4 digits by a 1 digit number using a formal method. Interpret remainders. Multiply & divide mentally. Solve problems involving all 4 operations and a combination of these.</p> <p>Geometry/ Perimeter and Area (2 weeks) Identify 3D shapes from 2D representations, estimate & compare acute, obtuse & reflex angles, identify angles at a point, angles on a straight line & other multiples of 90°. Find missing lengths & angles in rectangles, recognise regular & irregular polygons.</p> <p>Revision Revisit and consolidate previous learning. Extend by applying in a range of contexts. Interpret negative numbers in context, read Roman numerals to 1000 and recognise years written in RN.</p>	<p>primes to 19. Recognise & use square & cube numbers. Solve problems that require knowing % and decimal equivalents.</p> <p>Fractions, decimals and percentages (up to 5 weeks) Compare & order fractions whose denominators are all multiples of the same number. Recognise mixed numbers & improper fractions and convert between them. Recognise & understand the % symbol. Write % as a fraction with a denominator of 100 and as a decimal. Identify, name & write equivalent fractions of a given fraction.</p> <p>Addition and Subtraction (1-2 weeks) Revisit and consolidate previous learning. Extend by applying in a range of contexts. Measure & calculate the perimeter.</p>	<p>Place Value (3 weeks) Revisit and consolidate previous learning. Extend by applying in a range of contexts. Develop and extend understanding of the relationship between fractions decimals and percentages and how they fit into the number system. Use this understanding to solve problems</p> <p>Multiplication and Division (3 weeks) Multiply numbers with up to 4 digits by a 1 or 2 digit number, including long multiplication for 2 digit numbers. Multiply proper fractions & mixed numbers. Understand and use approximate equivalences between metric units and common imperial units.</p> <p>Geometry/ Measures (3 weeks) Find the perimeter of composite shapes in cm and m. Calculate the area of rectangles using standard units and estimate the area of irregular shapes. Estimate volume to build cuboids and capacity.</p>	
Topic Title	<p>World War Two A1- The Home Front A2- The War in the Rest of the World</p>	<p>To Infinity and Beyond...</p>	<p>Forces in Action (DT project focused)</p>	<p>Journeys Su 1: The movement of plants, animals and people</p>

					Su 2: Loudwater: A local area case study
Science	<p>Properties of materials 1:</p> <p>Investigate:</p> <ul style="list-style-type: none"> • Melting • Evaporation • Filtration • Dissolving • Irreversible changes- bicarbonate of soda and vinegar. <p>Apply the knowledge of these skills to cooking – link to WWII recipes/rationing</p>	<p>Gears, Levers and Pulleys</p> <p>Look at tank tracks and how different types of gears, levers and pulleys work.</p> <p>Chn to create simple gears, lever and pulley mechanisms to create a Christmas toy.</p>	<p>4th February- Science Week</p> <p>Space:</p> <p>The Earth’s rotation, the moon and lunar cycle, the features of different planets, time zones around the world/ sunset and sunrise times.</p> <p>Investigate:</p> <ul style="list-style-type: none"> • Gravity and changes in gravity on different planets • The sun’s movement across the sky. • Thermal insulation/ properties of materials/ heat conductivity (astronaut’s glove investigation) 	<p>Forces:</p> <p>Investigate</p> <ul style="list-style-type: none"> • Friction • Air Resistance- parachutes • Water resistance/ buoyancy • Conductivity with electricity and magnets. <p>Relate to the properties of materials and how different materials are suited to different purposes. Sorting/ classifying of different materials based on their properties.</p>	<p>Living things and their habitats:</p> <p>Animal classification</p> <p>Life cycles of mammals, birds, reptiles, amphibians and fish</p> <p>Life cycles of invertebrates (part and full metamorphosis)</p> <p>Life cycles of flowering plants including pollination/reproduction, seed dispersal, photosynthesis,</p> <p>The carbon cycle/ renewable and non-renewable energy</p> <p>Investigate:</p> <ul style="list-style-type: none"> • BBC Terrific Scientific Trees investigation • Seed dispersal (helicopters/ different methods of seed dispersal)
History/ Geography	<p>History:</p> <p>The beginnings of the conflict, the Axis powers and Allies, The Blitz, evacuation, rationing and dig for victory, Women at War.</p>	<p>History:</p> <p>Key dates: Dunkirk, D-Day, fighting locations around the world, the end of the war, post-war Britain, the right to vote for women.</p>	<p>History:</p> <p>Key figures- Tim Peake, Mae C Jemison, key astronauts from the space race.</p> <p>The Cold War Space Race- the history of space travel in the 1960s.</p> <p>Chronology: the timeline of the journey to the moon.</p>	<p>History:</p> <p>Migration routes of people, push and pull factors, mass movements of people in history due to key historical events, including the Romans and the Anglo Saxon invasions and settlement of Britain</p> <p>(only needs to be taught 2019/20 as will be taught in Years 3&4 after that)</p>	

	<p>-John to visit from the Local History Society w/c 14.10.19 (Tues or Thurs tbc)</p> <p>Geography: Locational geography, locating Allies and Axis powers on maps, showing occupied land, location of Pearl Harbour, location of the Commonwealth countries.</p>	<p>Geography Case study: regional comparison between Egypt/ France/ the UK. Locational Geography: The D-Day beaches</p>	<p>The development of re-entry capsule designs</p> <p>Geography: time zones, Greenwich and the Prime Meridian, day and night, the northern and southern hemispheres.</p> <p>Opportunity for a visit to Greenwich Observatory – tbc.</p>		<p>The Roman invasion of Britain: how the Romans changed Britain today. The settlement in Britain by the Anglo-Saxons The spread of Christianity. New species introduced by the Romans</p> <p>Modern day case study- the conflict in Syria.</p> <p>Geography: Local area case study (Fieldwork focus): Field work in the local area, creating sketch maps, biodiversity studies (comparing different areas of the school grounds/ Kingsmead, looking at OS maps of the local environment, changes over time, human and physical features. Comparing photographs of Loudwater now and in the past.</p> <p>Link directly to science objectives including classification, habitats, life cycles etc.</p> <p>History: Historic land use in the area, changes in land use. Comparing photographs from the past with the present.</p>	
Art/Design Technology (DT)	<p>Art: Focus Artist (JMW Turner) – create a Turner-inspired picture using pastels Focus Artist: Aaron Becker - tbc DT: Food and nutrition-war time recipes and</p>	<p>DT: Project Make a simple toy using a gear, pulley or lever mechanism. Relate to make do and mend/ Christmas Opportunity for Science Oxford gears, pulleys</p>	<p>Art: Nebula chalk pastels- look at space photography from Hubble. DT: Mars habitat designs, effectiveness of different shapes (testing for wind</p>	<p>DT Project: (linked directly to science investigations) Designing a re-entry craft. Relate to practical science investigations to /test- friction, heat</p>	<p>Art: Focus artist: J M W Turner (non-chronological report on the artist's life) Focus artist: Frida Kahlo - tbc ART WEEK 2020 Project: Turner-inspired watercolour</p>	<p>Art: Observational drawings in the local area/outdoor space Focus on the drawing of animals – possible link/visit from Angela Taggart local artist specialising in African</p>

	rationing, dig for victory- planting opportunity Art: Wartime propaganda posters- chn to research, then design and make their own.	and levers workshop - tbc	resistance/ micro meteorites) make shapes using 3D nets (cross curricular maths link)	conductors/ insulators, air resistance. Use this to create a design. Make and test a prototype. Test (with eggs) and evaluate.	paintings	animals and resident in Flackwell Heath – tbc. Whole school trip to Cotswold Wildlife Park - tbc
Music	Song to learn: Vera Lynn- The White Cliffs of Dover/ We'll Meet Again Sing-Up resources Community performance opportunity at Wright's Meadow – tbc.		Music Express Year 5		Song to learn: Refuge (sing up) Our Community (Music Express unit)	
ICT	E-safety Networks	Publishing and Word Processing	Programming	Programming	Flowol- controlling external systems.	Programming
RE	Rites of Passage		Worship		Pilgrimages (link to journeys)	
PE	Indoor- gym sequences, gym fit circuits, outdoor-invasion games		Indoor- Bollywood dance, cool core (Pilates). Outdoor- invasion games		Outdoor- Rounders, swimming, athletics	
Spanish	<ul style="list-style-type: none"> • Introduction to the Spanish-speaking World • Greetings and Introductions inc. basic descriptions • Colours • Numbers 0 – 31 • The alphabet • Days and months /birthdays 	<ul style="list-style-type: none"> • Food and drink • Likes & dislikes • Numbers 32-50 • Ordering from a menu • Hispanic Christmas traditions 	<ul style="list-style-type: none"> • Number consolidation & extension 0 - 100 • Family • Animals • Home (House description) • School subjects 	<ul style="list-style-type: none"> • Detailed personal description inc. family, likes & dislikes, home etc. • School description • Telling the time • Daily routine 	<ul style="list-style-type: none"> • Sports and hobbies • Shopping • Activities inc. regular verbs in the present tense 	<ul style="list-style-type: none"> • Weather • Postcards • Holidays
PSCHE Learning about values	Pride – Winston Churchill Friendship- Mother Theresa	Generosity- Michael Jordan Contentment – JK Rowling	Honesty – Emmeline Pankhurst Love – Florence Nightingale	Forgiveness – Malala Yousafzai Perseverance – Ludwig Van Beethoven	Self- belief – Thomas Edison	Creativity – Walt Disney Individuality – Claude Monet

