



Swansfield Park Primary School



UKS2 Curriculum 2024 - 2025

Year A	<u>Autumn 1</u>	<u>Autumn 2</u>	<u>Spring 1</u>	<u>Spring 2</u>	<u>Summer 1</u>	<u>Summer 2</u>
Core English <u>Text type</u> <u>Writing Opp's</u>	Floodlands- <u>Fantasy fiction</u> Sycamore: <u>Diary writing</u> , Larch and Rowan: <u>Diary writing</u> and <u>Balanced argument</u> . Sycamore: <u>The Story of Tutankhamun - Non-fiction</u> <u>Biography writing</u>	Curiosity: <u>The Story of a Mars Rover- <u>Picture book</u></u> <u>Formal Proposal</u> , <u>formal information labels</u> , <u>short explanation</u> , <u>news report</u> and <u>expanded explanation text</u> .	Survivors: <u>Extraordinary Tales from the Wild and Beyond - The miners who spent two weeks underground</u> <u>Non-fiction adventure newspaper report</u> . Persuasive travel brochures: <u>Non-fiction</u> <u>Persuasive travel brochure for Alnwick</u>	The Tale of Three brothers- <u>Poetry</u> <u>retelling of the story (narrative)</u> <u>non-chronological report</u>	The Tempest- <u>William Shakespeare abridged version- <u>Classic Fiction</u></u> <u>Instructional writing</u> , <u>Setting description</u> , <u>character descriptions /comparisons and diary entry</u>	Room 13- <u>Gothic fiction</u> <u>Suspense/tension narrative</u>
Core MyON texts	Exploring Coasts Water Cycle at Work Isaac Newton Isaac Newton: <u>Laws of Motion</u> The gripping truth about forces and motion	Remembrance Day and the Poppy Space Awesome Space Robots	Your Circulatory System Works Exploring Mountains Living on a Mountain	The Science Behind Food	The Life Cycle of Mammals The Life Cycle of Amphibians Exploring Rainforests	Making a Circuit Electrical Engineering
Mathematics (Year 5)	<u>Place Value</u> Explore numbers to 1,000,000, including comparing, ordering and partitioning. Round numbers up to 1,000,000. Roman numerals to 1000. <u>Negative Numbers</u> Understanding negative numbers, including counting in ones and in multiples across zero. Compare, order	<u>Multiplication & Division</u> Multiply and divide numbers with up to four digits and solve multi-step problems. Identify number properties: common multiples, factors, primes, square and cube numbers. Multiply and divide by 10,100 and 1000. <u>Fractions</u> Equivalent fractions. Convert improper fraction to mixed	<u>Multiplication & Division</u> Multiply 4-digits by 1-digit. Multiply up to 4-digits by a 2-digit number. Divide with remainders. <u>Fractions</u> Compare, order, add, subtract and multiply fractions, including mixed	<u>Decimals & Percentages</u> Find decimals as fractions, compare and round them. Explore thousandths. Use percentages. <u>Area & Perimeter</u> Find perimeter and area <u>Statistics</u>	<u>Shape</u> Measure and draw angles. Calculate angles <u>Position and Direction</u> Coordinates, reflection and translation	<u>Decimals:</u> Add and subtract decimals. Multiply and divide decimals by 10,100 and 1000. <u>Converting Units</u> Convert units of measurement. <u>Volume</u>

	<p>and find the difference with negative numbers.</p> <p><u>Addition, Subtraction,</u> Add and subtract numbers with more than four digits and multi-step problems.</p>	<p>numbers. Compare, order, add and subtract fractions.</p>	<p>numbers. Find fractions of a quantity.</p>	<p>Draw and interpret line graphs and tables, including timetables</p>		<p>Compare and estimate volume.</p>
<p><u>Mathematics</u> (Year 6)</p>	<p><u>Place Value</u> Explore numbers to 10,000,000. Compare, order and round numbers. Use negative numbers.</p> <p><u>Addition, Subtraction, Multiplication & Division</u> Number properties. Multiplication and division (including long methods).</p>	<p><u>Fractions & Decimals</u> Equivalent fractions, comparing and ordering. Fractions with the 4-operations, including mixed numbers. Fractions of an amount. Multiply and divide decimals by 10, 100 and 1000. Find decimals as Fractions.</p>	<p><u>Fractions, Decimals and Percentages</u> Convert, compare and order fractions, decimals and percentages. Find percentages of an amount</p> <p><u>Shape</u> Measure and calculate angles</p>	<p><u>Position and Direction</u> Coordinates, reflection and translation</p> <p><u>Area, Perimeter & Volume</u> Find area, perimeter and volume of shapes</p>	<p><u>Ratio</u> Use and calculate ratio, including scale factors</p> <p><u>Algebra</u> Form and solve equations</p>	<p><u>Statistics</u> Interpret line graphs and pie charts</p> <p><u>Converting Units</u> Converting metric units and between some metric and imperial.</p>
<p><u>Science</u></p>	<p><u>Forces</u> Learning about types of forces such as gravity, friction, water resistance and air resistance. Children will also learn about the use of mechanisms such as levers, gears and pulleys.</p> <p><u>Scientist:</u> Isaac Newton</p>	<p><u>Earth and Space</u> Learning about the movement of the Earth, moon and sun as well as the Earth's rotation in creating day and night.</p> <p><u>Scientist:</u> Galileo Galilei</p> <p><u>Enhancements:</u> - Center for Life - 14.02.25 - Planetarium in school 07.03</p>	<p><u>The Circulatory System & impact of diet, drugs and exercise</u> Learning about the importance of diet, exercise and lifestyle in the way that bodies function and the three main parts of the circulatory system, including the job of the heart. Children will also learn about what blood is comprised of and how it is transported around the body</p>	<p><u>Swansfield STEM Week</u> <u>British Science Week</u> <u>Theme: Change & Adapt</u> <u>(07.03 - 16.03)</u></p>	<p><u>Living things and their habitats</u> Learning about the process of reproduction and the life cycles of plants, mammals, amphibians, insects and birds.</p>	<p><u>Living things and their habitats</u> Learning about the classification of living things, including micro-organisms.</p> <p><u>Scientist:</u> Carl Linnaeus</p>
<p><u>Geography</u></p>	<p><u>Coasts/local issues</u> Learning about the processes which lead to change in coastlines and explore the features, which are created by change. Considering how people respond to change in</p>		<p><u>Mountains</u> Learning about the mountains of the UK and the Americas. Looking at the features of a mountain and how they are formed. Describing the features of</p>		<p><u>North and South America</u> Learning about the climate zones, biomes, vegetation belts and time zones of North and South America. Looking at the human and</p>	

	<p>coastlines locally and exploring the causes and effects of other changes.</p> <p>Fieldwork skill: Messy map of school grounds</p> <p><u>Enhancement:</u> Mudlarks in Alnmouth 23rd and 24th October</p>		<p>a volcano and looking at the eruption of Mount Merapi in 2010</p> <p>Fieldwork skill: Map the route of the River Aln.</p>		<p>physical characteristics of the Amazon rainforest, the Andes and the Atacama Desert. Finally, looking at the human and physical characteristics of North America.</p> <p>Fieldwork skill: <u>Enhancement</u> Sketch map of Alnmouth town centre</p>	
History		<p>Mining in the North East Investigating the history of coal mining in the North East of England, looking at the very first coal mines in the British Isles during the Roman period through to the Industrial Revolution and the peak of coal mining in the 1920s and its steep decline in the 1970s and thereafter.</p> <p><u>Remembrance Service</u></p>		English Civil War (tbc - Curriculum Review)		Crime and Punishment (tbc - Curriculum Review)
Art and Design	<p>Express Yourself Explore the artistic world of self-expression. Discover how artists like Kandinsky, Picasso and Munch use different techniques to convey emotions whilst also creating wire figures to display further expressive techniques.</p>		<p>City/Town Scapes Link to local artist - Sarah Farooqi from Felton Gallery (possible visit?)</p> <p>Pop art and 3D sculptures, textured City Scapes using palette knives, changing skies and light - silhouettes on watercolour.</p>		<p>Sculpting Vases Exploring a range of containers made from different materials, examining the vases of artists and craftspeople, develop control over a range of tools and techniques. Experiment with plasticine before designing, creating and evaluating their own artistic vases.</p> <p><u>Alnmouth in Bloom competition</u></p>	
		Felt Phone Cases		Cooking & Nutrition:		Fairground Rides

<u>Design Technology</u>		Design a product with the user in mind thinking about aesthetics and functionality. Creating an annotated design and step by step plan before progressing to make a paper template. Use of running stitch, backstitch, whip stitch and blanket stitch to produce the final product.		Healthy Soups Complete a 'Chef Study' and investigate recipes using seasonal ingredients. Create own recipe based on 'market-research' and proceed to work as part of a catering team to make one of the classes chosen soups. Evaluations to be completed following 'taste test'.		Investigate ways of using electrical motors to create rotating parts. Make prototype models testing stability of frameworks. Use CAD software to plan the shape and design of their ride.
<u>Computing</u>	<u>Computing systems and networks - systems and searching</u> Developing understanding of computer systems and how information is transferred between systems and devices, how information is found on the World Wide Web and what influences searching.	<u>Creating media - Video production (Canva video editing)</u> Creating short videos while developing the skills of capturing, editing, and manipulating video.	<u>Programming A – Selection in physical computing (Crumble)</u> Explore the concept of selection in programming through the use of the Crumble programming environment.	<u>Data and information - Flat-file databases (j2E)</u> Using a flat-file database to organise data in records. Pupils use tools within a database to order and answer questions as well as create graphs and charts to help solve problems.	<u>Creating media - Introduction to vector graphics (Google drawing)</u> Creating vector drawings using different drawing tools to help create images.	<u>Programming B - Selection in quizzes (Scratch)</u> Developing knowledge of selection by revisiting how conditions can be used in programs and then learning how the if... Then... Else structure can be used to select different outcomes depending on whether a condition is true or false.
<u>RE</u>	<u>Creation and Science: conflicting or complementing?</u>	<u>Why do Christians believe that Jesus is the Messiah?</u>	<u>What does it mean to be a Muslim in Britain today?</u>	<u>Why is the Torah so important to Jewish people?</u>	<u>How do Christians decide how to live? What would Jesus do?</u>	<u>How does faith help people when life gets hard?</u>
<u>Music (Charanga)</u>	<u>Music and Technology</u> How does music bring us together?	<u>Developing Ensemble Skills</u> How does music connect us with our past?	<u>Creative Composition</u> How does music improve our world?	<u>Music Styles Connect Us</u> How does music teach us about our community?	<u>Improvising with Confidence</u> How does music shape our way of life?	<u>Farewell Tour</u> How does music connect us with the environment?
<u>PHRSE (Jigsaw)</u>	<u>Being Me in My World</u> 'Who am I and how do I fit?' <u>Show Racism the Red Card - Wear Red Day (18.10.24)</u>	<u>Celebrating Differences</u> Respect for similarity and difference. Anti-bullying and being unique. <u>Anti-Bullying Week / Odd Sock Day (W.C 11.11.24)</u> <i>Theme: Choose Respect!</i>	<u>Dreams & Goals</u> Aspirations, how to achieve goals, and understand the emotions that go with this.	<u>Healthy Me</u> Being and keeping safe and healthy.	<u>Relationships</u> Building positive, healthy relationships.	<u>Changing Me</u> Coping positively with change.

<u>MFL</u>	<u>All about ourselves</u> <u>European Day of Languages (26.09.24)</u>	<u>Our recious planet</u>	<u>Pleased to meet you</u>	<u>School life</u>	<u>That's tasty</u>	<u>Time travelling</u>
<u>PE</u>	<u>NUF Coaching:</u> Hockey <u>Swimming lessons</u>	<u>NUF Coaching:</u> Tag Rugby <u>Swimming lessons</u>	<u>NUF Coaching:</u> Football <u>Swimming lessons</u>	<u>NUF Coaching:</u> Tennis <u>Gymnastics Coaching</u>	<u>NUF Coaching:</u> Netball <u>Tennis</u>	<u>NUF Coaching:</u> Athletics <u>Cricket Coaching</u>
<u>Further Curriculum Enrichment</u>	<u>Local Library Visit</u> Larch: 09.09.24 Rowan: 11.09.24 Sycamore: 18.09.24 <u>People Make Alnwick Poetry Project - Bailifgate Museum (03.10.24)</u> <u>Black History Month/ Show Racism the Red Card (Oct 24)</u>	<u>Christingle at St Paul's Church</u> (19.12.24) <u>Parliament Week</u> Visitor (18-24th Nov)	<u>Local Library Visit / National Story Telling Week (Jan 25)</u> <u>World Religion Day</u> (20.01.25) Visitor/visits to place of worship - Local	<u>World Book Day (06.03.25)</u> <u>Swansfield STEM WEEK</u> <u>British Science Week:</u>	<u>Local Library Visit</u> (April 2025) <u>Year 6 Residential:</u> Wilderness Outdoor Education (21.05.25 - 23.05.25)	<u>Year 5: Water Sports Day</u> (27.06.25) <u>Year 5: Bikeability</u> (Summer 2025)