

Year 4 Curriculum Map

Year 4	Term 1 - Autumn		Term 2 - Spring		Term 3 - Summer	
Enquiry Question	What influence have the Anglo-Saxons had on our lives today? Anglo-Saxons	How were the Viking warriors successful? Vikings	England vs Norway – Holidaying home or away? Europe Comparison	To climb or not climb? Mountains	Who was responsible for the sinking of the Titanic? Titanic	What is electricity? Electricity
Projects/Presentations	Anglo Saxon Villages – A gallery.	Beowulf stories on the blog and in a class book	Sharing our own Troll Tales with KS1.	Fit to climb? A short fitness presentation on strengthening core muscles.	Whole class debate	Creative Sparks – After school family learning event, based on our Electricity topic.
English - Writing	<p>Stories with Imaginary Settings Texts: Alice and Wonderland, Harry Potter, Chronicles of Narnia (2 Weeks) The Miraculous Journey of Edward Tulane (4 weeks)</p> <p>Non Chronological Reports. On the life of the Anglo-Saxons/Vikings (2 Weeks)</p> <p>Myths/Legends: Texts: Beowulf – Michael Morpurgo. Creating an alternative ending to this epic tale (2 weeks) PSHE – Croc and Bird story Holiday Presentation PPTs + ‘Small moment in time’ writing</p>	<p>Newspaper Report Text – Beowulf, First News Writing a report on the battle of Beowulf and Grendel. (2 weeks)</p> <p>Poetry - Texts: Beowulf – Michael Morpurgo</p> <p>Adventure Story Text: Erik the Viking Continuing the saga of Erik and his fellow vikings based on the structure set out by Terry Jones. (2 weeks)</p> <p>PSHE – Croc and Bird story linked to Friendship week</p>	<p>Folk Stories – Troll Tales Reading fables from Norway based on the mischievous trolls and creating our very own troll tale. (2 weeks)</p> <p>Persuasive text – researching being more environmentally friendly and producing a brochure to support our conclusions. (3 weeks)</p> <p>Poetry – Performance poetry through Scandinavian spells. (1 Week)</p>	<p>Explanation Text – How are mountains formed? (2 weeks)</p> <p>Story with a Historical Context – the story of Oetzi (2 weeks)</p> <p>Newspaper Report – reporting on the discovery of Oetzi. (2 weeks)</p>	<p>Diary Entry – experience of life on board the Titanic. (1 week).</p> <p>Debating – Looking at why loss of life on board the titanic was so great (1 week).</p> <p>Letter – From a passenger on board to a relative at home. (1 week)</p>	<p>Instructional writing – How circuits are made.</p> <p>Biography – Thomas Edison, Benjamin Franklin, Michael Faraday. Our own autobiographies.</p>

	Homework				
	Good examples of children's homework is celebrated on Class Displays				
	No Nonsense Spelling				
	A spelling pathway through the curriculum with lesson activities and resources specifically designed to match objectives for each year group. Sessions are taught 2-3 times a week.				
English - Reading	Class Reader: The Witches, BFG – Roald Dahl	Class Reader: Edward Tulane Beowulf – Michael Morpurgo	Class Reader: Wonder – J palacio	Class Reader: 10 True Tales, Titanic Young Survivors (Ten True Tales)	Class Reader: The Boy Who Harnessed the Wind
	Guided Reading sessions involving comprehension, targeted questioning and opportunities for extended reading to promote a 'love of reading'.				
Maths	<p><u>AUTUMN TERM</u></p> <p><u>Number – Place Value</u> <u>Count in multiples of 6,7,9,25, and1000</u> Find 1000 more or less than a given number Recognise the place value of each digit in a four digit number (thousands, hundreds, tens and ones) Order and compare numbers beyond 1000 Identify, represent and estimate numbers using different representations Round any number to the nearest 10, 100, or 1000 Solve number and practical problems that involve all of the above and with increasingly large positive numbers Read Roman numerals to 100</p> <p><u>Number – Addition and Subtraction</u> Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate Estimate and use inverse operations to check answers to a calculation Solve addition and subtraction two step problems in contexts, deciding which operations and methods to use and why</p> <p><u>Measurement: Length and Perimeter</u> Measure and calculate the perimeter of a rectilinear figure (including squares) in cm and m Convert between different units of measure (e.g. km to m)</p> <p><u>Number – Multiplication and division</u> Recall and use multiplication and division facts for tables up to 12x12</p> <p><u>Count in multiples of 6,7,9,25, and1000</u> Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 0 and 1; multiplying together three numbers</p> <p><u>Solve problems involving multiplying and adding, including the distributive law to multiply two digit numbers by one digit,</u></p>		<p><u>SPRING TERM</u></p> <p><u>Number – Multiplication and division</u> Recall and use multiplication and division facts for tables up to 12x12 Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 0 and 1; multiplying together three numbers Recognise and use factor pairs and commutativity in mental calculations Multiply two digit and three digit numbers by a one digit number using formal written layout Solve problems involving multiplying and adding, including the distributive law to multiply two digit numbers by one digit</p> <p><u>Measurement – Area</u> Find the area of rectilinear shapes by counting squares</p> <p><u>Fractions</u> Recognise and show, using diagrams, families of common equivalent fractions Count up and down in hundredths; recognising that hundredths arise when dividing an object by 100 and dividing tenths by ten Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number Add and subtract fractions with the same denominator</p> <p><u>Decimals</u> Recognise and write decimal equivalents of any number of tenths and hundredths Find the effect of dividing a one or two digit number by 10 or 100, identifying the value of the digits in the answer as ones, tenths and hundredths</p> <p><u>Solve simple measures and money problems involving fractions and decimals to two decimal places</u> Convert between different units of measure (e.g. km to m)</p>		<p><u>SUMMER TERM</u></p> <p><u>Decimals</u> Compare numbers with the same number of decimal places up to two decimal places Round decimals with one decimal place to the nearest whole number Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, and $\frac{3}{4}$ Find the effect of dividing a one or two digit number by 10 or 100, identifying the value of the digits in the answer as ones, tenths and hundredths</p> <p><u>Measurement – Money</u> Estimate, compare and calculate different measures, including money in pounds and pence Solve simple measure and money problems involving fractions and decimals to two decimal places</p> <p><u>Time</u> <u>Convert between different units of measure (e.g. km to m; hour to minute)</u> Read, write and convert time between analogue and digital 12 – and 24-hour clocks Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days</p> <p><u>Statistics</u> Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and graphs</p> <p><u>Geometry: Properties of shape</u> Identify acute and obtuse angles and compare and order angles up to two right angles by size Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes</p>
<p>Daily Schofield and Sims sessions rehearse mental skills with a weekly overview</p> <p>Throughout all of these strands runs a problem-solving element, where pupils are encouraged to deepen and test out their mathematical knowledge within a context. This is also supported through an investigative approach to our Maths learning, so that children get the opportunity to develop reasoning, justification, questioning and a systematic approach to promote efficiency.</p>					

	integer scaling problems and harder correspondence problems				Identify lines of symmetry in 2-D shapes presented in different orientations Complete a simple symmetric figure with respect to a specific line of symmetry Geometry – Position and Direction Describe positions on a 2-D grid as coordinates in the first quadrant Plot the specified points and draw sides to complete a given polygon Describe movements between positions as translations of a given unit to the left/right and up/down	
Science	Living things and their habitats – How can I group living things? What is the impact of environment on animal survival? Animals, including Humans – How do I digest food? How does tooth type affect diet in humans and animals? Can animals be both predators and prey?			States of matter – Solid, liquid or gas? What changes occur in solids, liquids and gases when temperature changes? What is the Water Cycle and how does it work?	Sound – What are sounds? How do I hear? What patterns can we find in volume and strength of vibration?	Electricity – How can I construct a simple series circuit and add extra components? What materials make good conductors and insulators?
ICT	We are Software Developers – developing a simple educational game	We are Toy Designers – prototype of an interactive toy.	We are Co-authors – developing a wiki on Norway.	We are Meteorologists – presenting the weather, linked to our topic of Mountains and how weather changes the higher you climb. ICT posters linked to Fit to climb event	Titanic Animations (link to DT)	We are Musicians – producing digital music.
History & Geography	Anglo-Saxons The study of the Anglo Saxon way of life, religion and Legends. Linked to English, non-chronological report, Myths and Legends. Anglo-Saxon Presentatiin	Vikings Investigating the Viking invasion and the reasons behind this. Looking at why the Viking raiders were so feared.	Comparison – Norway/Oslo to England/York. Looking at human and physical features, using atlases and maps – linked to English - persuasive writing.	Mighty Mountains The study of the formation of mountains and the modern day dangers associated with them – linked to English, explanation texts, historical stories.	Titanic Enquiring into how and why the Titanic sank and who was to blame. Looking at a range of sources and deciding which one is more reliable. Linked to English, Diary entries, newspaper reports.	

<p>Art & Design Technology</p>	<p>What was the structure of an Anglo-Saxon village? Modelling work</p>	<p>How did the Vikings construct their shields? *construction of a 3D model -homework How did the women decorate their clothes? *cross stitch/Viking brooch</p>	<p>What is Pop Art? Andy Warhol – artist study and pop art – Link to human land features in Norway and mountain climbing equipment. *Paint and printing.</p>	<p>How can charcoal be used to create landscapes? – Physical landscapes linked to mountains. How to be healthy? Linked to enterprise and being a mountaineer.</p>	<p>How can you engage others in the story of the Titanic through animation? (link to ICT) Can you recreate an icy landscape through water colour? Linked to the Titanic and the landscape of the Arctic.</p>	
<p>PE</p>	<p>Gymnastics (PPA) - develop flexibility, strength, technique, control and balance Compare their performances with previous ones and demonstrate improvement to achieve their personal best. Dance – Visiting Dance teacher linked to Nutcracker Project</p>	<p>Dance - perform dances using a range of movement patterns Alternative sport – learning a new sport – Australian football Compare their performances with previous ones and demonstrate improvement to achieve their personal best. Fitness (PPA) - use running, jumping, throwing and catching in isolation and in combination. Develop flexibility, strength, technique, control and balance. Challenges both individually and within a team.</p>	<p>Games (PPA) - play competitive games, modified where appropriate, and apply basic principles suitable for attacking and defending. Develop flexibility, technique, and balance.</p>	<p>Athletics (PPA) - take part in outdoor and adventurous activity challenges both individually and within a team.</p>		
<p>RE</p>		<p>Christmas Story – <i>If the inn keeper said no, what next?</i> (Christianity) Visit to Mary Magdalene Church</p>		<p>Easter Story – <i>Why do we eat chocolate at Easter?</i> (Christianity) Visit from Rev Ford to discuss the Seder Meal</p>	<p>Islam and the Five Pillars – <i>Are the Five Pillars evident in today's society?</i> (Islam)</p>	
<p>Music</p>	<p>How did the Anglo Saxons' entertain? Children sing & perform songs as Medieval Minstrels/Bards passing on news and stories to king & queen. Appreciation of string instruments such as Lyres. Strumming technique and chords on guitars/ukuleles</p>	<p>How can music enhance a poem? Using the poem “Beowulf” children act out and compose music to the scenes in the story. Film produced using video cameras. Children perform motifs and musical phrases to describe the different mythological gods Adapt a song to feature Viking facts in lyrics Soundtrack to a Thor animation</p>	<p>What do the noises of the Norse Gods sound like? Locate regional songs from the UK Sounds from around the Europe- Scandinavia Children perform motifs and musical phrases to describe the different mythological gods Adapt a song to feature Viking facts in lyrics Soundtrack to a Thor animation</p>	<p>How does music scale the Mountains? Famous Songs that feature mountains Pitch. What does it mean for different instruments? Composing motifs of different pitches.</p>	<p>What tempo is the Titanic? – Listen and compare songs of the seas using inter related dimensions. Compose music to accompany the Titanic lifeboat game Learn to sing the school Titanic song and perform in groups Compose a song in the style of an area of the world</p>	<p>Electric verses Acoustic. Which sounds better? Explore both types of instruments Listen to original and unplugged versions of songs to compare. Compose and perform a piece of music with both electric and acoustic instruments</p>

<p>MFL - French Numbers 10-20 Alphabet Classroom language</p> <p>NYCC MFL or Lightbulb languages</p>	<p>Unit 7 Les monstres Touche le nez/pied; la bouche/tête; l'oreille;les: épaules/genoux/yeux 1-10 Qu'est-ce que c'est... ? C'est ... J'ai + number + body part <i>Plurals of nouns</i> <i>Avoir: j'ai, il/elle a</i></p>	<p>Unit 8. Le calendrier des fêtes Date Months Revise days 1-31 Seasons Festivals Noël <i>Use of ordinal/cardinal numbers</i> <i>Questions using quel(le) en + month</i></p>	<p>Unit 9. Les animaux Qu'est-ce que c'est? C'est ... As-tu un animal? J'ai/je n'ai pas de Il y a... qui s'appelle... <i>Agreement/position of adjectives</i> <i>Inversion of verb in question</i> <i>Affirmative/negative sentences</i></p>	<p>Unit 10. Au marché Vegetables bon/mauvais pour la santé Qu'est-ce que tu as? Je voudrais... s'il vous plaît C'est combien? ... euros <i>Quantities + de les/des + noun</i></p> <p><i>Y4 to read La chenille affamé to Y3</i></p>	<p>Unit 11. Je suis le musicien Musical instruments J'aime/j'adore Je n'aime pas Je déteste Je joue du/de la/des + instruments <i>Use of "de"</i> <i>Questions using Qu'est-ce que ? and Qui ?</i></p>	<p>Unit 12. À la mode Loup y es-tu? story Clothes + weather + seasons Je mets... Je porte ... Quand il fait <i>Possessive adjectives: mon/ma/mes</i> <i>Complex sentences with Quand</i></p>
PHSE/Circle Time	Golden Rules in class and school. Relate to British Values E-Safety	Bonfire Safety Animal welfare Road Safety Managing feelings	Change Makers – New Year resolutions Sharing success and making goals	Disability Awareness - differences between cultural, ethnic & religious groups Healthy Eating	Water Safety Rail Safety Fire Safety	Staying safe; How our actions impact on others what if fair/unfair, kind/unkind, right/wrong? How are we important to others? How can we care for others?
SEAL	New Beginnings Listening Systems – Do you feel safe?	Getting on and Falling out British Values	Going for Goals – New Year's Resolutions. E-Safety day	Good to be me	Relationships Lucinda and Godfrey	Say no to Bullying/Changes
Trips	Cleveland Ironstone and Mining Museum – Learning and investigating the life of the Anglo-Saxons.	St Mary Magdalene's Church – How Christians celebrate Christmas- if Vicar available.		St Mary Magdalene's Church – How Christians celebrate Easter- if Vicar available.	Robinwood Giving children opportunities in outdoor pursuits, and working collaboratively.	
Year Specific Initiatives		Year 4 children to teach reception how to stay road safe - leaflets	Year 4 children to read their troll tales to KS1 children.	Enterprise – Fitness and Healthy Café – KS2 Exploring how to be fit enough to climb a mountain, and what food will support this. Science Mystery 1 - Flight – linked to STEM week		

