

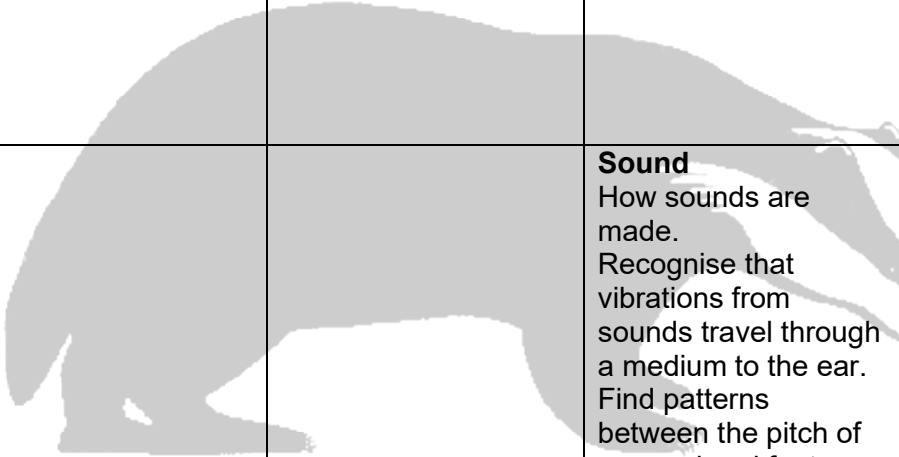


# Birch Hill Primary School Curriculum Map – Year 4

## September 2024

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic Focus	<p><b>Where does my food go?</b></p> <p><b>Science</b> focus Digestive system including healthy choices and teeth.</p>	<p><b>Why have punishments changed over time?</b></p> <p><b>History</b> focus: exploring similarities and differences between crimes and punishment from Roman times to present day.</p>	<p><b>Why did the Vikings raid and invade?</b></p> <p><b>History</b> focus Invaders and settlers: discovering the impact the Viking invasion had on Anglo-Saxon culture and their struggles for the Kingdom of England.</p>	<p><b>How does performance enhance my confidence?</b></p> <p><b>Drama</b> focus Building children's self-esteem and confidence, whilst improving collaboration and presentation techniques.</p>	<p><b>Why is the Amazon vital for our survival?</b></p> <p><b>Science, Geography</b> focus Explore how the Amazon effects the global climate and the impact of the Western world on tribal culture.</p>	<p><b>What did the Ancient Egyptians leave us?</b></p> <p><b>History:</b> Children will learn about many aspects of life in ancient Egypt (religion, pyramids, pharaohs, inventions) and the life of the people and the legacy, which the Egyptians civilisation left behind.</p>
English	<p><b>English:</b> <u>Non-Chronological report.</u> Taking inspiration from 'A Cloudy with a Chance of Meatballs 2' children create a foodimal and write a a non-chronological report. Fact based language, headings and subheadings, generalisers and sentence starters.</p>	<p><b>English:</b> <u>Poetry</u> Exploring verbs, adverbs and nouns to write a poem alongside expanded noun phrases and other imagery techniques.</p>	<p><b>English:</b> <u>Persuasive writing.</u> Use the poem 'Beowulf' to write a persuasive speech focussing on using present tense, emotive vocabulary and conjunctions</p>	<p><b>English:</b> <u>Discussion Texts</u> To discuss different perspectives of a question, arguing for and against and giving examples to back up their argument.</p>	<p><b>English:</b> <u>Diary writing</u> An account of surviving in the rainforest – informal</p>	<p><b>English:</b> <u>Setting description:</u> Descriptive introduction focussing on a setting description with a focus on high level vocabulary and a variety of simple, compound and complex sentences.</p>

<b>Guided Reading</b>	'The World's Strangest Food' (Non-fiction text)	The Girl who Stole the Elephant	The Riddle of the Runes	Poetry by Joseph Coelho	The Explorer	Non fiction text about Egypt
<b>Daily Read</b>	The Boy at the Back of the Class	The Girl who Stole the Elephant	Norse Myths	The Accidental Rockstar	The Explorer	The Ancient Egypt Sleepover
<b>Maths</b>	<p><b>Number - Place Value</b> Read Roman numerals to 100 Use number knowledge to solve number and practical problems Round any number to the nearest 10, 100 or 1000 Show and estimate numbers in different ways Order and compare numbers beyond 10,000 Recognise the place value of each digit in a four digit number Count backwards to include negative numbers Find 10,000 more or less than any given number Count in multiples of 6, 7, 9, 25, 1000</p> <p><b>Addition and Subtraction</b></p>	<p><b>Areas:</b> Finding the area using squares. Comparing and ordering areas.</p> <p><b>Multiplication and division</b> Multiply two and three digit numbers by a one digit number using a written method. Know when numbers can be swapped around when solving problems in my head. Use what I know to multiply and divide in my head. Recall multiplication and division facts for tables up to 12 x 12. Multiplying and dividing by 1 and 0 and itself and multiplying 3 numbers.</p>	<p><b>Multiplication and division</b> Solve different types of problems using multiplication and division.</p> <p><b>Length and Perimeter:</b> Converting between mm, cm, m and km. Measuring skills. Finding the perimeter using a grid. Calculating the perimeter of rectilinear shapes.</p>	<p><b>Fractions, Decimals</b> Solve problems involving fractions. Count up and down in hundredths. Recognise and show families of common equivalent fractions. Order numbers with the same number of decimal places up to two decimal places. Round decimals with one decimal place to the nearest whole number. Divide a one or two digit number by 10 or 100. Recognise and write decimal equivalents to <math>\frac{1}{4}</math>, <math>\frac{1}{2}</math> and <math>\frac{3}{4}</math>. Recognise and write decimal equivalents of any number of tenths and hundredths. Add and subtract fractions with the same denominator.</p>	<p><b>Decimals</b> Solve measure and money problems involving fractions and decimals up to 2 decimal places</p> <p><b>Money</b> Estimate, compare and calculate different measures including money in £ and p.</p> <p><b>Time</b> Read, write and convert time between analogue and digital 12 and 24 hour clocks.</p>	<p><b>Shape</b> Find the area of a rectilinear shape Find the perimeter of a rectilinear figure in cm / m. Convert between different units of measure. Plot specified points and draw sides to complete a given polygon. Describe positions on a 2D grid as coordinates in the first quadrant. Recognise angles greater than 2 right angles and know what a straight angle is. Identify acute and obtuse angles.</p> <p><b>Position and direction</b> Explore symmetry Complete a simple symmetric figure with respect to a specific line of symmetry.</p>

	<p>Solve addition and subtraction two step problems deciding which operation to use and explain why. Use column method to add and subtract up to 4 digit numbers, with and without exchange. Estimate and use inverse operations to check answers.</p>					<p>Identify lines of symmetry in 2D shapes presented in different orientations.</p> <p><b>Statistics</b> Solve comparison, sum and difference problems using information presented in different types of graphs. Interpret and present discrete and continuous data using different types of graphs.</p>
<p><b>Science</b></p>	<p><b>Animals, including Humans</b> Learn about the journey of food through the digestive system. Examine human teeth (types and functions) and compare to animal teeth. Plan and carry out investigation to examine how tooth damage and decay occurs. Construct and interpret and variety of food chains.</p> <p><b>Living Things and their Habitats</b> Explore and use classification keys.</p>			<p><b>Sound</b> How sounds are made. Recognise that vibrations from sounds travel through a medium to the ear. Find patterns between the pitch of a sound and features of the object that produced it.</p>	<p><b>Electricity</b> Constructing a simple circuit. Identify whether or not a lamp will light in a simple series circuit. Recognise a switch opens and closes a circuit. Recognise some common conductors and insulators.</p>	<p><b>State of Matter</b> Learn about water cycle through experimentation and investigation. Research role of trees and other plants in water cycle and explore adaptation that takes place in the rainforest environment. Look at solids, liquids and gases.</p>

	Recognise that environments can change and that this can sometimes pose dangers to living things.					
<b>History</b>		<b>Crime and Punishment</b> Research from Anglo-Saxon times to the Second World War e.g. medieval outlaws, the punishment of a variety of crimes.	<b>Invaders and Settlers</b> Learn about Viking invaders and settlers, who came to the British Isles from Scandinavia and North Western Europe. Explore the Norse culture and Vikings.			<b>Ancient Egypt</b> Research ancient civilization and compare to modern times. Analyse primary and secondary sources and compare the usefulness of a source. Explore religion, hierarchy, science, art and hieroglyphs.
<b>Geography</b>	<b>Food Around the World</b> (Guided Reading link)		<b>Invaders and Settlers</b> Learn about Viking invaders and settlers, who came to the British Isles from Scandinavia and North Western Europe. Maps of Nordic Countries		<b>Amazing Amazon</b> Climate and location of the world's tropical rainforests. Develop knowledge of compasses, grid references and symbols on maps. Research the layers of plants and shrubs found in the rainforest and discuss deforestation in the Amazon basin.	<b>Ancient Egypt</b> Location of River Nile and surrounding country.
<b>RE</b>	<b>R.E.</b> This term the children will build on their knowledge of Judaism; focusing	<b>R.E.</b> Explore symbolism in the Christmas story. Learn about special relationship between		<b>R.E.</b> Easter story in Christianity.		<b>R.E.</b> Judaism - Rites of Passage Christianity - Prayer and Worship

	specifically on Passover.	Jews and God, and the promises they make to each other.				
<b>RSHE/SRE</b>	<b>Jigsaw: Being me in my world</b> Understanding my place in my class, school and global community.	<b>Jigsaw: Celebrating Difference</b> Anti-bullying and diversity	<b>Jigsaw: Dreams and Goals</b> Goal-setting and aspirations for yourself and the world	<b>Jigsaw: Healthy Me</b> Drug and alcohol education. Self-esteem and confidence.	<b>Jigsaw: Relationships</b> Understanding friendships, families and other relationships	<b>RSHE: Changing Me</b> Sex and relationship education and coping positively with change.
<b>Art / D&amp;T</b>	<b>Art and Design:</b> Work of Giuseppe Archimboldo. Basic shading and painting techniques around food.	<b>Art and design:</b> Research the work of street artists such as Banksy and discuss society's reaction to it. Create our own art in this style. <b>DT:</b> Saw wood and glue it together to create a fence that they can graffiti	<b>Art and design:</b> Creating a collage of a long ship using a variety of painting and layering techniques.	<b>Art and Design:</b> Set and costume design	<b>Art and design:</b> Study the work of John Dyer.  <b>DT:</b> Design, make and evaluate torches. Linked to Science	<b>Art and design:</b> Exploring Egyptian art – materials used to create art and stories told through drawings. Designing, and making a scarab beetle out of clay and Egyptian mask.
<b>French</b>	<b>Les Fruit</b> To learn the names of fruits in French		<b>Je me Presente</b> To learn greetings			<b>En Classe</b> To learn the names of objects around the classroom that the children use on a daily basis eg – glue sticks, books and pens
<b>Computing</b>	Animation using 2Animate to bring to life their foodimals.		<b>Online Safety:</b> Children explore phishing, malware, plagiarism and healthy screen time.	Building on their basic word processing skills and research including text formatting and keyboard confidence using 2Type		Opportunity to develop research skills and effective search engine usage.

<b>Music</b>		General musicianship (tempo, pitch, pulse, dynamics and notation). Use musical terminology whilst appreciating a variety of music genres.	Study instruments that Anglo-Saxon and Vikings would have played.  Drumming patterns.	Play songs: singing	Samba music, focus on rhythm, call and response, percussion instruments and pulse (Italian terminology).	
<b>P.E. Festivals enrichment</b>	<p><b>Outdoor</b> Tag Rugby</p> <p><b>Indoor:</b> Real PE: Skill – Coordination: Footwork</p> <p>Cool Down – Static Balance: One Leg</p>	<p><b>Outdoor</b> Endball/ Netball</p> <p>Skill – Dynamic Balance to Agility: Jumping and Landing</p> <p>Cool Down – Static Balance: Seated</p>	<p><b>Outdoor</b> Throlf</p> <p><b>Indoor:</b> Real PE: Skill – Dynamic Balance: On a Line</p> <p>Cool Down – Coordination: Ball Skills</p> <p>3/4 Indoor Athletics</p>	<p><b>Outdoor</b> Cricket</p> <p><b>Indoor:</b> Real PE: Skill – Coordination: Sending and Receiving</p> <p>Cool Down – Counter Balance: With a Partner</p>	<p><b>Outdoor:</b> Tennis</p> <p><b>Indoor:</b> Skill – Agility: Reaction/Response</p> <p>Cool Down – Static Balance: Floor Work</p>	<p><b>Outdoor</b> Athletics</p> <p><b>Indoor:</b> Real PE: Skill – Agility: Ball Chasing</p> <p>Cool Down – Static Balance: Stance</p> <p>Sports' Day</p>
<b>TRIPS/ Enrichment</b>		Oxford Castle		3/4 Play		Oakwood