



Birch Hill Primary School – Curriculum Map – Year 4

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic Focus	<p>Where does our food go?</p> <p>Science focus digestive system</p>	<p>Why were the Vikings Important?</p> <p>History focus invaders and settlers</p>	<p>The Good, The Bad, The Ugly</p> <p>How has Crime and Punishment changed over time?</p> <p>History focus: crime and punishment from Anglo-Saxon times to the WW11</p>	<p>The Good, The Bad, The Ugly</p> <p>English focus: legends</p>	<p>It's a small World</p> <p>History & Geography: Focus local history study, investigating historical influences locally: South Hill Park and the regeneration of town centre.</p> <p>Migration from London to Bracknell</p>	<p>Amazing Amazon</p> <p>Science, Geography focus through Amazon Rainforest.</p>
English	<p>English: <u>Non-Chronological report.</u> Focus on a foodimal they have created. Looking at Cloudy with a Chance of Meatballs 2 foodimals they create a fact file on one they have created and build that into a non-chron report. Fact based language, headings and subheadings, generalisers and sentence starters.</p> <p>Developing reading: - Develop comprehension skills. - Expand vocabulary</p>	<p>English: <u>Instruction writing.</u> Focussing on sequencing and imperative verbs. Writing basic instructions and building up to more complicated instructions with introduction paragraphs and final warnings.</p>	<p>English: <u>Setting description:</u> Descriptive story writing focussing on character and setting description with a focus on high level vocabulary and a variety of simple, compound and complex sentences</p>	<p>English: <u>Newspaper writing:</u> Interviewing and collecting quotes. Writing a newspaper report about the Three Little Pigs with a twist.</p> <p>Focus on drama for Year 4 performance.</p>	<p>English: <u>Story openings</u> Looking at the book 'The Journey' and writing a story opening for what happens when the main character opens the door – what's on the other side? First person description of what would be on the other side of their door and in their world.</p>	<p>English: <u>Diary writing</u> An account of surviving in the rainforest – informal</p> <p><u>Persuasive writing:</u> Debating the destruction of the Amazon Rainforest through the topic of deforestation. Persuading against deforestation. Formal writing.</p>

	- Reading with expression - Develop ability to retrieve information from text.					
Guided Reading	non-fiction text 'The World's Strangest Food'	The Last Viking	Treasure Island	Treasure Island	TBC	Amazon Survivor!
Maths	<p>Number - Place Value 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 1000 Recognise the place value of each digit in a four digit number Count backwards to include negative numbers Find 1000 more or less than any given number Count in multiples of 6, 7, 9, 25, 1000</p> <p>Addition and Subtraction Solve addition and subtraction two step</p>	<p>Addition and Subtraction 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. Estimate and use inverse operations to check answers.</p> <p>Length and Perimeter: Converting between mm, cm, m and km. Measuring skills. Finding the perimeter using a grid. Calculating the perimeter of rectilinear shapes.</p> <p>Multiplication and division Multiply two and three digit numbers by a one digit number using a written method.</p>	<p>Multiplication and division Solve different types of problems using multiplication and division.</p> <p>Areas: Finding the area using squares. Comparing and ordering areas.</p>	<p>Fractions, Decimals 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 $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$. Recognise and write decimal equivalents of any number of tenths and hundredths. Add and subtract fractions with the same denominator.</p>	<p>Decimals Solve measure and money problems involving fractions and decimals up to 2 decimal places</p> <p>Money Estimate, compare and calculate different measures including money in £ and p.</p> <p>Time Read, write and convert time between analogue and digital 12 and 24 hour clocks.</p> <p>Statistics Solve comparison, sum and difference problems using information presented in different types of graphs. Interpret and present discrete and continuous</p>	<p>Geometry – properties of shape 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>Geometry – position and direction Explore symmetry Complete a simple symmetric figure with</p>

	<p>problems deciding which operation to use and explain why. Use column method to add and subtract up to 4 digit numbers. Estimate and use inverse operations to check answers.</p>	<p>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.</p>			<p>data using different types of graphs.</p>	<p>respect to a specific line of symmetry. Identify lines of symmetry in 2D shapes presented in different orientations.</p>
Science	<p>Digestive Systems 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>Electricity 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>Sound 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>Living Things and their Habitats Explore and use classification keys. Recognise that environments can change and that this can sometimes pose dangers to living things.</p>	<p>State of Matter 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>
Geography and History		<p>Invaders and Settlers Learn about Viking invaders and settlers, who came to the British Isles from Scandinavia and North Western Europe. Explore the Norse culture and Vikings. Maps of Nordic Countries</p>	<p>Crime and Punishment Research from Anglo-Saxon times to the Second World War e.g. medieval outlaws, the punishment of a variety of crimes.</p>		<p>Europe and its capitals, as well as the counties in England. Local history study, investigating historical influences locally, focussing on South Hill Park and the regeneration of the town centre.</p>	<p>Amazing Amazon 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.</p>

PSHE / SRE / RE	R.E. This term the children will build on their knowledge of Judaism; focusing specifically on Passover.	R.E. Explore symbolism in the Christmas story. Learn about special relationship between Jews and God, and the promises they make to each other.	R.E. This term the children will build on their knowledge of Judaism; focusing specifically on Passover.	R.E. Easter story in Christianity.		
Art / D&T	Art and Design: Work of Giuseppe Archimboldo. Basic shading and painting techniques around food.	Art and design: Viking artefacts	Art and design: Research the work of courtroom artists such as Priscilla Coleman and create artwork using chalks and pastels in this style	Art and Design: TBC	Art and design: visit South Hill Park - fine line sketches of historic building, focusing on accuracy and detail. Paint an artist impression of the building, with attention to colour mixing and accuracy.	Art: Study the work of Andy Goldsworthy and other natural artists. Using the materials in the outside school environment.
Other	Music: Create food themed music, using percussion. Listen to a variety of food themed music. Discuss and explore rhythms. Create and perform own composition based on the format of a known song.	Music: Study instruments that Anglo-Saxon and Vikings would have played. Pupils will work together to create a piece of music inspired by a poem. Computing: Building on their basic word processing skills and research		Music: Play music French: Colours Sing animal themed songs. Look at French crime and punishment and learn words associated with.	Computing: Scratch French: Learn parts of body and begin to learn names of clothing. Listen to and re-create story of le Petit Chaperon Rouge (Little Red Riding Hood) and take a walk in the woods with Mr. Wolf.	Music: Listening to 'monkey music' and will experience the swing genre. Sing songs about monkeys and compose and perform music in the swing style. French: Learn the names of more animals, including the masculine and feminine nouns. Write sentences, expressing opinion and detailing them with adjectives. Computing: Linked science lessons. Create a branching database that will allow asking questions to identify

						different types of vertebrate.
P.E. Festivals enrichment	<p>Outdoor co-ordination, precision and team skills Indoor: fitness.</p> <p>3/4 Football Festival</p>	<p>Outdoor co-ordination, precision and team skills Indoor: fitness.</p> <p>Cross Country</p>	<p>Cognitive and creative skills in our indoor P.E sessions. These will then translate into small team games in our outdoor lesson. Games will include hockey.</p> <p>3/4 Indoor Athletics</p>			<p>Indoor: how to apply physical skills and the theme of health and fitness in our indoor P.E sessions.</p> <p>Outdoor: Games will include netball, cricket, rounders and some athletics.</p> <p>Sports' Day</p>
TRIPS/ Enrichment		Viking History Show	Oxford Castle	3/4 Play	South Hill Park	Caesar's Camp

