

Year 2 Curriculum Map



	<u>Autumn</u>	<u>Spring</u>	<u>Summer</u>
Reading Whole Class Readers and Digital Texts	Pirates Love Underpants – C. Freedman Treasure Island (classic text) – R. L. Stevenson Giant Jelly Jaws and the Pirates – H. Baugh and B. Mantle Flat Stanley – J. Brown The Twits – R. Dahl Bear and Hare – digital text https:// www. literacyshed.com/ bearandhare .html Something Fishy – digital text https://www. literacyshed.com/something- fishy.html	Beaver Towers – N. Hinton Charlie and The Chocolate Factory – R. Dahl Biography of John Lloyd Dunlop The Owl and the Pussycat (classic poem) - Literacy Shed Marshmallows – digital text https:// vimeo.com /36998452 Non-fiction information books – Local History https://www.ncl.ac.uk/library/services/education- outreach/outreach/mining /downloads/children _ activities _3.pdf	The Enchanted Wood (and others – The Faraway Tree) Fantastic Mr Fox – R. Dahl Non-fiction Information Books - Plants and Animals in the local area Lizzie and The Birds – D. and M. Robertson Martin Mere information and website Zahra – digital text (Other Cultures) https://www. .com/the-music-video-shed.html Rhyme and Riddle book Revolting Rhymes – R. Dahl
Writing	Adventure story - Fiction Wanted – description of a wanted pirate – non-fiction Instructions on how to be a good pirate – non-fiction Acrostic poems about pirates Alliterative poems about Pirates Descriptive Setting – Something Fishy Story retell – Something Fishy Christmas Fantasy – Bear and Hare	Character descriptions – The Twits, Beaver Towers Newspaper report on the story – Beaver Towers Non-chronological report on animals – Beaver Towers Descriptive poem fiction – The Owl and The Pussycat Story writing - Marshmallows Diary of a pit boy – Local History Non-chronological report – Local History	Write a story/narrative – The Enchanted Wood, Zahra Explanation text – non-fiction Setting description – Lizzie and The Birds Message in a bottle for a new friend – Lizzie and The Birds Instructions – How to build a Bird House Thank you letter to Martin Mere Recount of Martin Mere trip Animal riddles - fiction

<p>Maths</p>	<ul style="list-style-type: none"> Place value – counting in steps of 2, 3 and 5 from 0, in steps from any number, forwards and backwards; recognise the place value of each digit in a two-digit number (tens and ones), odd and even numbers Shape – properties of 2D and 3D shapes, compare and sort Addition and subtraction – using concrete objects, pictorial representations (including bar models) and mental strategies; recall and use addition and subtraction facts to 20 fluently and up to 100 Multiplication and division – 2, 5 and 10 tables, using arrays, materials and repeated addition Measures (length, mass, capacity) Fractions - recognise, find, name and write $\frac{1}{4}$, $\frac{1}{3}$, $\frac{2}{4}$, $\frac{3}{4}$ of a shape or set of objects Problems involving money and time Handwriting links – writing numbers correctly 	<ul style="list-style-type: none"> Place value – continue counting in steps of 2, 3 and 5 from 0, in steps from any number, forwards and backwards; compare and order numbers from 0 to 100; use $<$, $>$ and $=$ Shape – including lines of symmetry Addition and subtraction - mental strategies, inverse relationships Multiplication and division – show that multiplication of 2 numbers can be done in any order and division cannot, calculate mathematical statements using \times, \div and $=$ Measures (length, mass, capacity) Time – write and tell the time to 5 minutes, including $\frac{1}{4}$ past and $\frac{1}{4}$ to Fractions – recognise, find, name and write $\frac{1}{4}$, $\frac{1}{3}$, $\frac{2}{4}$, $\frac{3}{4}$ of a length, shape, set of objects or quantity Problems involving money and time Describe position, direction and movement; quarter, half and full turns; clockwise and anti-clockwise Interpret and construct pictograms, tally charts, block diagrams and tables 	<ul style="list-style-type: none"> Place value – use place value and number facts to solve problems; identify, represent and estimate numbers Shape – including identifying 2D shapes on the surface of 3D shapes Addition and subtraction - mental strategies, inverse relationships Multiplication and division – solve problems involving multiplication and division Measures (length, mass, capacity and temperature) Fractions – write simple fractions of a quantity, recognise equivalent fractions Problems involving money and time Ask and answer questions about totalling and comparing categorical data
<p>Science</p>	<p><u>Animals Including Humans</u> AIH1 notice that animals, including humans, have offspring which grow into adults AHI2 find out about and describe the basic needs of animals, including humans, for survival (water, food and air) AHI3 describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.</p> <p><u>Use of Everyday Materials</u></p> <p>EM1 identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses</p>	<p><u>Use of Everyday Materials cont</u></p> <p>EM1 identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses EM2 find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.</p> <p>John Boyd Dunlop – scientist – Biography</p> <p><u>Plants</u> P1 observe and describe how seeds and bulbs grow into mature plants P2 find out and describe how plants need water, light and a suitable temperature to grow and stay healthy</p>	<p><u>Living things and their habitats</u></p> <p>LTH1 compare the differences between things that are living, dead, and things that have never been alive LTH2 identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other LTH3 identify and name a variety of plants and animals in their habitats, including microhabitats LTH4 describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food.</p>

	<p>EM2 find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.</p>							
	<p><u>Working scientifically</u> WS1 asking simple questions and recognising that they can be answered in different ways WS2 observing closely, using simple equipment WS3 performing simple tests WS4 identifying and classifying WS5 using their observations and ideas to suggest answers to questions WS6 gathering and recording data to help in answering questions.</p>							
<p>Computing</p>	<p><u>Unit 2.1 Coding</u></p> <p>Program: 2Code</p>	<p><u>Unit 2.2 Online Safety</u></p> <p>Programs: Writing Templates Display boards 2Respond (2Email)</p>	<p><u>Unit 2.3 Spreadsheets</u></p> <p>Program: 2Calculate</p>	<p><u>Unit 2.4 Questioning</u></p> <p>Programs: 2Question, 2Investigate 2Calculate</p>	<p><u>Unit 2.5 Effective Searching</u></p> <p>Programs: Browser 2Quiz Writing Templates</p>	<p><u>Unit 2.6 Creating Pictures</u></p> <p>Programs: 2Paint A Picture Writing Templates</p>	<p><u>Unit 2.7 Making Music</u></p> <p>Program: 2Sequence</p>	<p><u>Unit 2.8 Presenting Ideas</u></p> <p>Programs: 2Connect (Mind Map) 2Create a Story (ebook) 2Quiz Writing Templates</p>
<p>History</p>	<p><u>The life of a significant person</u> Christopher Columbus-discovering Americas Recount the main events from a significant event in history. Use timelines to order events or objects or place significant people. Compare aspects of life, identifying similarities and differences between different periods. Appreciate that some famous people have helped our lives be better today. Understand that we have a queen who rules us and that Britain has had a king or queen for many years. Learn about the modes of transport and materials/ equipment from periods on time in history.</p>		<p><u>Local History</u> (Wigan, Leigh and Lowton, including significant events, people and places) Understand how our local area has changed over periods of time. Recognise periods of housing, buildings in the local area and understand what they were used for and learn about how the local area has changed over time. Look at and use books and pictures, stories, eye witness accounts, pictures, photographs, artefacts, historic buildings, museums, galleries, historical sites and the internet to find out about the past. Identify and describe the main differences between old and new object. Explain why certain objects were different in the past, e.g. iron, music systems, televisions Explain differences between past and present in their life and that of other children from a different time in history.</p>		<p><u>Changes within living memory</u> The seaside over the last 100 years, similarities and differences Learn why some places became seaside resorts. Learn about how Britain’s railways changed the way people go on holiday. Compare how holidays have changed over time within the last 100 years – similarities and differences. Compare aspects of life, identifying similarities and differences between different periods. Observe and handle artefacts and ask and answer questions about artefacts i.e. ‘What were they used for?’ ‘What material is it made from?’ Look at and use books and pictures, stories, eye witness accounts, pictures, photographs, artefacts, historic buildings, museums, galleries, historical sites and the internet to find out about the past.</p>			

		Observe and handle artefacts and ask and answer questions about artefacts i.e. 'What were they used for?' 'What material is it made from?'	Look at evidence to give and explain reasons why people in the past may have acted in the way they did. Understand that we have a queen who rules us and that Britain has had a king or queen for many years.
Geography	<p><u>Christopher Columbus</u> <u>Locational knowledge</u> Name and label the world's seven continents, and five oceans</p> <p>Using world maps, atlases and globes to identify the USA and the United Kingdom through learning about Christopher Columbus.</p> <p><u>A study of a contrasting non-European country</u> South Africa – understanding geographical similarities and differences.</p>	<p><u>Local Area</u> Wigan, Leigh and Lowton, including significant events, people and places)</p> <p><u>Locational knowledge</u> Using maps and fieldwork of the United Kingdom and the local area.</p> <p><u>Place knowledge: Geographical enquiry and fieldwork</u> Study of Wigan and Leigh locality. Fieldtrip to Wigan. Use simple compass directions when using maps.</p>	<p><u>Seaside Resorts and Contrasting Localities</u></p> <p>Features of seaside resorts – human and physical geographical features</p> <p><u>Locational knowledge</u> Using maps and atlases to identify the surrounding seas of the United Kingdom.</p>
Art	<p><u>Christopher Columbus</u> <u>Observational drawings – portraits:</u> small scale / large scale portraits – focus on features using pencil, pen inc. mixed media, line, shape, space, study portraits of Christopher Columbus – style, colour choice, mood, different media and choice of surfaces and backgrounds, focus on mark making and textures using pencil, pen, charcoal and graphite and develop a variety of drawing techniques such as: hatching, scribbling, stippling, and blending to create light/ dark lines. <u>Painting and colour mixing</u> - matching colour to objects, skin tone, explore how to mix shades and tones</p> <p><u>Textiles</u> - exploring colour – dye, natural dyes, fabrics Explore, observe and record the impact of adding more ingredient, water or paint to the colour strength. Experiment with different fabrics and materials. Study the</p>	<p><u>Materials and the environment</u> <u>Textiles and 3D Sculpture:</u> Form and texture – use recycled materials, patterns, shapes Replicate pattern and texture in 3D form</p> <p><i>Artist – Michael Brennand-Wood (c.2000)</i></p> <p><u>Observational drawings:</u> local buildings, features, <i>Shape, line, form, pattern. Observational drawings of buildings and artefacts, architecture (trip to The Lowry, architecture in local environment)</i> <i>Artist – L.S.Lowry</i> <i>Observational drawings of buildings, artefacts and figures in the style of L.S.Lowry</i></p> <p><u>3D Clay – pottery</u> – building themed tile slab, developing skills and techniques, manipulate malleable material: roll, knead, join, clay slab, score, using slip, impress patterns <i>Artist Study: Hilke MacIntyre ceramics</i></p>	<p><u>Seaside and The Ocean</u> <u>Observational drawings/ multi-media:</u> studying the natural seashore – oil pastel and wax resist <u>Colour mixing</u> – pastels, painting, colour palette – the seaside, yellows and blues Landscape, colour, shape.</p> <p><u>Textiles</u>, fabric dyes, running stitches Printing and pattern – poly-tile impression printing <i>Artist study J. Scarpace Ink Fish</i> – abstract art, vibrant colour, line, shape</p> <p><i>Artist study: Carl Warner foodscapes (2010)</i> – <i>sculpture, form, shape, colour, photography</i> Research Carl Warner and sketch, plan, make a foodscape. Use i-motion to make a stop motion animation of the process.</p>

	<p>artist Ellie Beck, her work and starting points.</p> <p>Artists – paintings depicting Christopher Columbus – explorers and portraits</p> <p>Artists – Ellie Beck using natural dyes, fabrics and textures</p>					
<p>Design Technology</p>	<p>Construction Packaging – design, make and evaluate a package for an Admiral of the Sea medal - model ideas through exploring materials, making templates and mock-ups - use a net to construct a container or package - learn how to make the model stronger, stiffer and more stable - measure, mark out and cut out materials with growing accuracy, using a ruler and scissors</p> <p>Mechanisms Design, make and evaluate a Moving Storybook or Christmas Card with moving parts - model ideas through exploring materials, making templates and mock-ups - measure, mark out and cut out materials with growing accuracy, using a ruler and scissors - learn how to assemble and join different materials together - explore a range of decorative finishing techniques e.g. appliqué, embroidery, fabric pens/paints, printing.</p>		<p>Construction Recycling - design, make and evaluate a recyclable plant holder - select materials that will provide a strong, robust container - select materials to join plastic, fabric, wood and card securely - use different materials and finishes to decorate the packaging</p>	<p>Textiles Beside the seaside - design, make and evaluate a puppet - use a range of stitches - practise sewing two small pieces of fabric together, understanding seam allowances - consider whether fabrics are suitable for the chosen purpose and user - select materials to join plastic, fabric, wood and card securely - learn how to assemble and join different materials together - explore a range of decorative finishing techniques e.g. appliqué, embroidery, fabric pens/paints, printing.</p> <p>Cooking and nutrition: design, make and evaluate a pizza - use simple utensils and practise skills such as washing, grating, peeling, slicing, squeezing, pouring, stirring - prepare simple dishes safely and hygienically</p>		
<p>RE</p>	<p>How do we show care for others?</p>	<p>Why and how are Christmas and Chanukah celebrated?</p>	<p>Who is an inspiring person?</p>	<p>Why and how do special places and symbols show what people believe?</p>	<p>What can we learn from Christian and Jewish stories?</p>	<p>What do Muslims believe?</p>

PSHCE	<u>Being Me In the World</u> Hopes and fears for the Year. Rights and responsibilities (SMSC) Rewards and Consequences. Our Learning Charter. <u>Healthy Me</u> Being healthy (links to science) Being relaxed Medicine Safety (links to science) Healthy Eating (links to science) The Healthy ME Café (links to science)		<u>Celebrating Difference</u> Boys and Girls Why does bullying happen? Standing up for myself and others. Making a new friend. Celebrating difference and still being friends (SMSC) <u>Relationships</u> Families. Keeping Safe –exploring physical contact (Computing) Friends and conflict. Secrets. Trust and Appreciation Celebrating my special relationships (SMSC)		<u>Dreams and goals</u> Goals to success My learning strengths Learning with Others A group challenge Continuing our group challenge. Celebrating our achievements. <u>Changing Me</u> Life Cycles in Nature (links to science) Growing from old to young. (links to science) The changing me. (links to science) Boys and Girls Bodies (links to science) Assertiveness Looking Ahead.	
PE	Dance - Unit 1 The Cat Balloons Reach for the Stars	Gymnastics Parts High and Parts Low	Target games (throwing and aiming small balls)	Gymnastics Turning – Spinning- Twisting	Dance - Unit 2 Friends Bubbles Shadows	Athletics Sports Day Practice
	Basketball (passing and moving/throwing and catching- chest and passes and shooting)	Rugby (Chasing and dodging)	Hockey (holding a hockey stick correctly/ pushing the ball/ push shot)	Tri Golf Controlling, dribbling, targets – golf shots	Athletics (using their arms correctly when running/ stride length)	Cricket (holding the bat correctly/ striking/ aiming)
Music	<u>Hands, Feet, Heart</u> Musical learning focus: Music from South Africa, Freedom songs	<u>Ho Ho Ho</u> Musical learning focus: Winter time, festivals and Christmas time. Creating a performance using music and dance. Nativity Play.	<u>I Wanna Play In a Band</u> Musical learning focus: Rock music and movement:	<u>Zootime</u> Musical learning focus: Song structure	<u>Friendship Song</u> Musical learning focus: Mixed styles Cross Curricular links <i>History – selection of Seaside songs from the past - 'I do like to be beside the seaside'.</i>	<u>Reflect, Rewind and Replay</u> Musical learning focus: Revision and deciding what to perform. Listen to Western Classical Music. The language of music.
Curriculum Enrichment	<ul style="list-style-type: none"> • Year 2 Christmas performance • Gymnastics competition • Craft club • Eco/gardening club • Growing your own food • Children in Need 		<ul style="list-style-type: none"> • Visit to local church • Safer Internet Day • Arts Week – Drama, Theatre performance, Music and Art visitors and workshops • Trip to The Lowry Gallery • Governors visit to tell stories 		<ul style="list-style-type: none"> • Selling recycled planters at the Summer Fair • Healthy lifestyles week • Trip to Martin Mere • Food tasting • Computing club 	

	<ul style="list-style-type: none">• Anti-Bullying Week• Visit to the local library	<ul style="list-style-type: none">• Poet visits• World Book day	<ul style="list-style-type: none">• Transition/gardening club
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