

Class 2 Curriculum Map 2017-18

	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
English	Children will read a range of texts within phonic groups. We shall continue to work together to make sure that every sentence starts with a capital letter and ends in a full stop. Weekly spelling homework will help to spell those 'tricky' words which we use every day.	Practising phonics will help us to read more fluently. Children will write for different purposes: lists, stories and instructions. We shall use 'Fred Fingers' to help us read and spell words that are less familiar to us.	We shall learn to answer questions about books we are reading, finding the answers within texts and giving reasons for the answers. Children will learn to use 'and', 'but', 'because' and 'so' to join sentences and make them more interesting.	Children will practise formal reading comprehension papers in preparation for forthcoming Year 2 assessments. They will learn to search for answers to questions and to write them in the correct places on test papers. We'll continue to write stories, explanations and poems and children will edit their writing to check it makes sense.	As reading confidence improves, children learn new words to read and spell. Children will be introduced to compound words and past tense spelling patterns (e.g. hope -> hoped but hop -> hopped). As we write together, our focus is on longer pieces of more than 100 words. Children will continue to check and edit their own work.	Children will read more words without having to 'sound them out', making them more fluent readers. Common words will be spelled correctly with children remembering to use 'Fred' when they need some support. We shall investigate adjectives and use them to make our sentence work more interesting when we write in class.
Mathematics	At the start of Year 2, we'll focus on writing digits the right way round. Children will practise number bonds to 10 and learn to use them to solve bonds to 20 and 100. Children learn that doubling and halving are opposites and use this to begin to check	Children will learn to distinguish between left and right, backwards and forwards and to describe turning movements. They will revise 'tens' and 'units' and use place value to add and subtract numbers. We shall introduce 'times	Daily practise of multiplication tables will apply these to solve problems. As we count in 5s, children will use this knowledge to tell the time. Children will be able to name common 3D shapes and they will identify lines of symmetry in regular and irregular 2D shapes. They will learn to	As we continue with multiplication and division strategies, we'll use $\frac{1}{2}$ and $\frac{1}{4}$ to introduce fractions of numbers and shapes. Children will be able to identify odd and even numbers and explain how they know which is which. We shall solve problems using	Children will learn that addition is the inverse of subtraction and they will use this to check their own calculations. As we look at word problems together, children will learn to spot whether a problem involves adding, subtracting, dividing or multiplying. They will learn to use	Children should tell the time at o'clock, half past, quarter past and quarter to the hour. They will have learned days of the week, months of the year and the order of the seasons. They will use place value to add and subtract numbers with growing

	<p>their work. As we revise names of 2D shapes, children will be introduced to right angles, rotation and tessellation. Children will work with money, metres and centimetres and use these in measurements.</p>	<p>tables' through multiplying by 2 as doubling and dividing by 2 as halving. Children will learn to measure in grams and kilograms, litres and millilitres.</p>	<p>multiply by repeated addition and by array and to divide by sharing or grouping. We'll discuss how to compare numbers by using > and < and by finding the numbers that lie between others.</p>	<p>different types of measures and learn to add 3 numbers by using different strategies we'll learn in class.</p>	<p>tally charts, block graphs and pictograms to analyse and interpret data and they'll be able to answer questions about the graphs they are shown.</p>	<p>confidence and apply multiplication and division facts to solve problems too. They should be able to use a range of measures for volume, weight, length and time.</p>
<p>Science</p>	<p><u>Animals</u> Find out about and describe basic needs of animals, incl. humans, for survival (water, food and air). Identify and name a variety of common animals: fish, amphibians, reptiles, birds and mammals. As we learn about animals together, children will describe life cycles.</p>	<p><u>Living things and habitats</u> The children will explore and compare differences between things that are living, dead and things that have never been alive.</p>	<p><u>Solids, Liquids & Gases</u> Describe the simple physical properties of a variety of everyday materials Find out how shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching. Compare and group together a variety of everyday materials on the basis of their simple physical properties.</p>	<p><u>Plants</u> Identify and describe the basic structure of a variety of flowering plants, including trees. Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.</p>	<p><u>Living things and habitats</u> Identify that most living things live in habitats to which they are suited. Identify and name a variety of plants and animals in their habitats, including micro-habitats. 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>	

Computing	<u>Coding</u> Children will explain that an algorithm is a set of instructions. Children will explain that for the computer to make something happen, it needs to follow clear instructions.	<u>Online Safety</u> Children will use the search facility to refine searches on Purple Mash by year group and subject. The children will begin to understand how things can be shared electronically for others to see.	<u>Spreadsheets</u> The children will explain what rows and columns are in a spreadsheet. The children will open, save and edit a spreadsheet. Children can add images from the image toolbox and allocate them a value. Children can add the count tool to count items.	<u>Effective Searching</u> The children will recall the meaning of key internet terms. They will complete a quiz about the Internet	<u>Creating Pictures</u> The children will look at the impressionist style of art (Monet, Degas, and Renoir). They will explain what is meant by impressionist art. Children will use 2Paint to create art based upon this style.	<u>Presenting Ideas</u> Children will examine a traditional tale presented as a mind map, as a quiz, as an e-book and as a fact file. They will know that digital content can be represented in many forms.
	History	Our local history study will help us find out why County Durham is 'The Land of the Prince Bishops'. This will include a visit from Auckland Castle to find out more about events from the distant past.	We shall study the life of an individual person and why he/ she was particularly important in history.	As summer approaches, children will examine what seaside holidays were like in the past and compare them with the holidays we enjoy in present times.		
Geography	We shall learn about compass directions and how to use map symbols to draw and read simple maps.	As we explore hot and cold areas of the world, children will learn the names of the 7 continents and 5 oceans of the world.	We shall find out where people choose to holiday in the UK. We will look at the features of the seaside. The children will compare and contrast West Auckland with a seaside town.			

Art	At harvest time, we shall learn to look carefully, observe and draw by observation.	The children will recognise and name primary colours and name and make secondary colours. Looking at the work of famous artists, children will investigate different colour techniques .	We shall learn different techniques to print. The children will try finger printing to form patterns. Sponge printing, experimenting with amounts of paint applied. Block printing by developing control to cover objects in paint and print onto paper.	Our sculptures in clay will use pinching, rolling, coiling and twisting techniques to produce 3D models.	Studying the work of a famous artist, children will learn different ways of working in textiles and collage.
	DT	<u>Control</u> To examine, design and make a puppet by using different joining techniques for	<u>Structure - house</u> To understand the different uses/properties of materials. To be able to talk about how they	<u>Food - fruit smoothie</u> The children will learn foods come from plants or animals. To know that food has to	

	Textiles.		want to construct their product. To select appropriate resources and tools for their building project.		be farmed, grown elsewhere or caught. The children will create their own fruit smoothie.	
RE	We shall learn about Saint Cuthbert and why the Bible is special to Christians. As part of our studies we shall visit Durham Cathedral and the burial site of Saint Cuthbert.	As Christmas approaches, we shall investigate why light is important in our celebration of the Christian event.	We shall find out about the beliefs, values and practices of the Christian faith.	Leading up to Lent, children will learn how Christians celebrate Easter.	We shall compare the beliefs and applications of the Buddhist faith with those of Christianity as we learn how Buddhist people show their beliefs and how they worship at home.	
PHSCE	As we enter a new school year, our focus is on New Beginnings and building relationships within the class group. Children will work together to "get along" and learn how to overcome the experiences of "falling out" too. During the autumn term, we shall also join in 'National Anti-Bullying Week'. Using the 'Go-Givers' scheme of work the children will look at the following topic: Sticks & Stones and Bouncing Back.		Using the 'Go-Givers' scheme of work the children will look at the following topics: More than one Friend and Christmas with the Go Givers	Using the 'Go-Givers' scheme of work the children will look at the following topics: Bullying: I won't be made to feel bad and Saving Energy. As we progress through the year, we shall consider all the positive things that make each of us special as we say, "It's Good to be Me!"	Using the 'Go-Givers' scheme of work the children will look at the following topics: Vote for the Go-Givers and Africa Our school prayer helps us to 'work and play together in friendship'. During this half term we shall look at relationships with friends, families and the community around us.	At the end of the new year, children will face another change as they approach Key Stage 2. Our 'Changes' work will help children prepare for Year 3.
PE	Children will develop throwing, catching and team games as we develop our own versions of games including 'Piggy in the Middle'. We shall continue to learn to travel, roll and balance as gymnasts and to develop our own dance moves too.		During spring term, children will explore a different theme in dance. They will learn to work together during <i>Rounders</i> and enjoy some outdoor athletic activities.		Learning hand-eye coordination will help children to hold a racquet correctly as we begin to introduce mini tennis. Children will also study how to run, jump and throw correctly during athletic activities.	

<p>Music</p>	<p>We will use the Durham online music programme of study during the year. Our music lessons will focus on long and short sounds and children will learn about the rhythm within music too.</p>	<p>Instrumental across the year will see the children using ukuleles.</p> <p>We will use the Durham online music programme of study during the year - <i>I wanna play in a band.</i></p>	<p>We will use the Durham online music programme of study during the year - <i>Zootime - Reflect, Rewind and Replay.</i></p>
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