

Curriculum Overview Year 2 - Spring Term

English	Science	Design & Technology	Maths
<p>Key texts – Penguins by Emma Bone</p> <p>I love bugs by Emma Dodd</p> <p>The Dragon Machine by Helen Ward</p> <p>Reading</p> <ul style="list-style-type: none"> Blending the sounds Read accurately words of two or more syllables that contain the same graphemes as above Read words containing common suffixes Making inferences and answering/ asking questions Predicting what might happen next <p>Writing</p> <ul style="list-style-type: none"> Learning how to use new punctuation correctly (including full stops, capital letters, exclamation marks, question marks, commas for lists and apostrophes for contracted forms and the possessive (singular)) Writing for different purposes including narratives about personal experiences and those of others (real and fictional) and poetry. <p>Handwriting</p> <ul style="list-style-type: none"> Forming lower-case letters of the correct size relative to one another Start using some of the diagonal and horizontal strokes needed to join letters Write capital letters and digits of the correct size, orientation and relationship to one another and to write lower case letters using spacing between words that reflect the size of the letters. <p>Speaking & Listening</p> <ul style="list-style-type: none"> Ask relevant questions to extend their understanding and knowledge Use relevant strategies to build their vocabulary 	<p>Living things and their habitats</p> <ul style="list-style-type: none"> Explore and compare the differences between things that are living, dead, and things that have never been alive 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 Identify and name a variety of plants and animals in their habitats Investigate simple food chains <p>Animals, including humans</p> <ul style="list-style-type: none"> Find out about and describe the basic needs of animals, including humans, for survival (water, food and air) <p>Working scientifically</p> <ul style="list-style-type: none"> Asking simple questions and recognising that they can be answered in different ways Observing closely, using simple equipment performing simple tests Identifying and classifying 	<p>A bird feeder</p> <p>Design</p> <ul style="list-style-type: none"> Design purposeful, functional, appealing products for themselves and other users based on design criteria <p>Make</p> <ul style="list-style-type: none"> Select from and use a range of tools and equipment to perform practical tasks (for example, cutting, shaping, joining and finishing) <p>Evaluate</p> <ul style="list-style-type: none"> Explore and evaluate a range of existing products <p>Cooking and nutrition Make a stir fry</p> <ul style="list-style-type: none"> Use the basic principles of a healthy and varied diet to prepare dishes 	<p>Number – division</p> <ul style="list-style-type: none"> Recall and use division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers Calculate mathematical statements for division within the multiplication tables and write them using the division (\div) and equals (=) signs Solve problems involving division, using materials, including problems in contexts. <p>Geometry & Measures</p> <ul style="list-style-type: none"> Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature ($^{\circ}\text{C}$); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels Compare and order lengths, mass, volume/capacity and record the results using $>$, $<$ and $=$ <p>Statistics</p> <ul style="list-style-type: none"> Interpret and construct simple pictograms, tally charts, block diagrams and simple tables Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity Ask and answer questions about totalling and comparing categorical data.
	<p>Physical Education</p> <p>Hall session</p> <ul style="list-style-type: none"> Dance – children will learn to make a routine using a dance sentence. By incorporating a travel, jump, turn, stillness and gesture. <p>Outdoor session</p> <ul style="list-style-type: none"> Fundamental movement – children will learn walking, running, jumping and skipping techniques as part of the locomotor skills base. 	<p>History</p> <p>Significant historical people</p> <ul style="list-style-type: none"> Grace Darling – children will be taught how to use historical enquiry skills to find out information about Grace’s life. Scott of the Antarctic or Ernest Shackleton - children will explain key events in their expedition. 	<p>Fractions</p> <ul style="list-style-type: none"> Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity Write simple fractions for example, $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$.

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<ul style="list-style-type: none"> • Articulate and justify answers, arguments and opinions • Give well-structured descriptions, explanations and narratives for different purposes, including for expressing feelings • Speak audibly and fluently with an increasing command of Standard English • Participate in discussions, presentations, performances, role play, improvisations and debates 			
<p style="text-align: center;">PSHE</p> <ul style="list-style-type: none"> • Relationships, friendships, getting on an falling out 	<p style="text-align: center;">Geography</p> <p>Human and physical geography</p> <ul style="list-style-type: none"> • Identify the hot and cold areas of the world in relation the Equator and North and South poles 	<p style="text-align: center;">Music</p> <ul style="list-style-type: none"> • To play tuned and untuned instruments • To sing and learn new songs • To comment on likes and dislikes with different styles of music 	<p style="text-align: center;">Art & Design</p> <p>Ocean dioramas</p> <ul style="list-style-type: none"> • To use a range of materials creatively to design and make products • Develop techniques in colour, pattern, texture, line, shape, form and space • Look at the work of the artist Ted Harrison
	<p style="text-align: center;">Modern Foreign Languages</p> <ul style="list-style-type: none"> • Spanish culture 	<p style="text-align: center;">Computing</p> <ul style="list-style-type: none"> • Use Espresso coding to understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions • Use logical reasoning to predict the behaviour of simple programs • Use technology safely and respectfully, keeping personal information private 	<p style="text-align: center;">Religious Education</p> <p>Who is Muslim and how do they live?</p> <ul style="list-style-type: none"> • Explore how stories about the Prophet show what Muslims believe about Muhammed and how stories guide their beliefs • Think, talk about and ask questions <p>Why does Easter matter to Christians?</p> <ul style="list-style-type: none"> • Recognise that Incarnation and Salvation are part of a 'big story' of the Bible. • Tell stories of Holy Week and Easter from the Bible and recognise a link with the idea of Salvation (Jesus rescuing people)