

Curriculum overview 2019-20 Year 4/5	Wet and wild	SPRING TERM
English	<p>We will be following the talk for writing approach using a newspaper article to imitate which we will then innovate and finally invent our own version based on our class text: Journey to the river sea by Eva Ibbotson. Based around the genre of writing recounts we will also explore writing diary entries as well as writing letters. We will also be writing adventure stories using our class text to inspire us.</p>	<p>Grammar and punctuation: Yr 5 - using parentheses to add detail and to understand 'relative clause' which begins with relative pronouns: who, which, where, when, whose. Yr 4 - Varying sentence openers with fronted adverbials of time along with commas and using inverted commas accurately for direct speech. Composition: grabbing the reader's attention with engaging language and use varied words, phrases and sentence structures; use paragraphs to separate information; link the text successfully with connectives. Spellings: Yr 4 - Homophones & Near Homophones, Nouns ending in the suffix -ation, Adding the prefix sub- (meaning 'under') and adding the prefix super- (meaning 'above'), Plural Possessive Apostrophes with plural words Yr 5- Creating nouns using -ity suffix, Creating nouns using -ness suffix, Creating nouns using -ship suffix, Homophones & Near Homophones</p>
Maths	<p>Start the term by addressing any misconceptions identified from the Autumn Term assessment and use a combination of Inspire Maths and White Rose maths tasks to address these.</p> <p>Inspire programme year 4:</p> <ul style="list-style-type: none"> • Fractions: Numerator and denominator, Understanding equivalent fractions, Comparing fractions, Adding fractions, Subtracting fractions • Time: Telling the time, Conversion of hours and minutes, Addition, Subtraction, Duration in hours and minutes, Word problems • Angles: Understanding angles, Identifying angles, Right angles • Perpendicular and parallel lines: Right angles, Drawing perpendicular lines, Drawing parallel lines • Area and Perimeter: Square centimetres (cm²), Square metres (m²), Area of a rectangle <p>Inspire maths programme year 5:</p> <ul style="list-style-type: none"> • Decimals: Addition and subtraction of decimals, multiplication and division of decimals, word problems, estimation of decimals • Time: seconds, 24-hour clock • Area and perimeter: Rectangles and squares, Composite shapes, solving word problems • Symmetry: Identifying symmetrical shapes, Identifying lines of symmetry, Making symmetrical shapes and patterns 	

Science	<p>States of matter Yr4</p> <ul style="list-style-type: none"> ● compare and group materials together, according to whether they are solids, liquids or gases ● observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C) ● identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature <p>Living Things and their habitats</p> <ul style="list-style-type: none"> ● recognise that living things can be grouped in a variety of ways ● explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment ● recognise that environments can change and that this can sometimes pose dangers to living things 	
Art	<p>Yr 4</p> <p>Drawing Use shading to add interesting effects to my drawings, using different grades of pencil.</p> <p>Painting Create colours by mixing to represent images observed in the natural and manmade world. Experiment with different colours to create a mood.</p> <p>Collage Experiment with techniques that use contrasting textures, colours or patterns. My work reflects a purpose, which I write about in my art sketchbook.</p>	<p>Year 5</p> <p>Drawing Select appropriate drawing materials and know when different materials can be combined and use this to good effect.</p> <p>Painting Develop a style of their own and create paintings convey a purpose.</p> <p>Collage Choose the most appropriate materials for collages to fit the purpose. Modify and change materials to be used in my collage</p>
	<p>This term we will be focusing on the artwork by Henri Rousseau (The Dream, The Equatorial Jungle, Tiger in a Tropical Storm) and creating our own interpretations.</p>	
DT	<p>We will use our artwork for the first part of the term to inspire our DT where we will be exploring different textiles to create a 3D version of a Henri Rousseau inspired piece of art.</p>	
PE	<p>In Netball we will consolidate different ways of throwing and catching, and know when each is appropriate in a game. We will also practice passing a ball with speed and accuracy using appropriate techniques in a game situation.</p> <p>In our Gymnastics, we will be recapping some of the skills we learnt in Orchard gym whilst covering jumps and leaps, rolls, vaults and handstands, cartwheels and roundoffs.</p>	

Humanities	This term we will be locating the continents and the oceans as well as different rainforests and looking at where the rainforests are in respect to the equator. We will be making comparisons between life in the UK and life in the amazon forests based on our class text Journey to the River Sea. We will also look at mountains, rivers and coasts.
Computing	In the Spring term we will be covering Online Safety. In this unit, children learn about preventing and dealing with cyberbullying; how to use search engines efficiently; how to avoid plagiarism online; and how to be a good digital citizen. The unit ends with children applying their new knowledge to design a character to be displayed around the school to promote online safety.
MfL	For our French lessons we will be continuing with our topic of 'All about me' and starting a new topic of 'Family and friends' which will cover: pets, the alphabet and home.
Music	Year 4 will be taking part in the Musicianship programme learning to play violins. During this term, children will be working towards a body percussion piece of music. This will involve learning about rhythm, composition, texture, structure, notations and melody.
RE	Our understanding Christianity big question for this term is: What does it mean if God is holy and loving? As this is part of the Incarnation unit, we will recap the big story and where Incarnation - along with our key question - fits into the big story of the bible.
PHSE	This term we will be covering Caring for the Environment in PHSE which links with our English and Topic work where we will be looking at rainforests. We will also be looking at Rules, rights and responsibilities with a theme of living in the wider world.
Enrichment	<ul style="list-style-type: none"> - Mill On the Brue residential - Music Festival - spirituality day

Curriculum overview 2019-20 Year 4/5	Great Inventors	SUMMER TERM
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English	The Invention of Hugo Cabaret, Brian Selznick, Cog heart; Instructional; Explanation
Maths	Inspire maths
Science	Forces and magnets : compare how things move on different surfaces; notice that some forces need contact between 2 objects, but magnetic forces can act at a distance; observe how magnets attract or repel each other and attract some materials and not others ;compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials; describe magnets as having 2 poles; predict whether 2 magnets will attract or repel each other, depending on which poles are facing; Sher Abbey Cogs. Yr4 Lights - circuits for toys; identify common appliances that run on electricity; construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers;identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery; recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit; recognise some common conductors and insulators, and associate metals with being good conductors
Art/DT	Food - invent new foods and dishes; Can prepare a few savoury and healthy dishes - savoury dishes of fish; create their own volcano with lights and electricity Understands and applies electrical systems to products Inventing new foods - create their own recipe books based on their previous work. Can prepare a few savoury and healthy dishes. Toy making - wood work. Can generate and develop ideas in the form of sketches, prototypes, plans
PE	Football ; Athletics; Tennis Rounders
Humanities	Victorians : a study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066
Computing	
MfL	Time Food glorious, food



Music	appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians develop an understanding of the history of music. Look at musicians of that time and live music performances
RE	Sikhism
PHSE	Rules, Rights and Responsibilities; Growing and changing
Enrichment	