CURRICULLUM OVERVIEW 2017/18 YEAR 5/6

CURRICULLUM OVERVIEW 2017/18 YEAR 5/6	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Humanities	India and Hinduism. Culture, traditions and Independence.	India in relation to the world, oceans, rivers, different states, farming and differences in language in India.	Romans in Britain. Pupils will be taught about the Roman empire and its impact on Britain – Julius Caesar, power of its army, successful invasion by Claudius and conquest, including Hadrian's Wall, British resistance (Boudicca), Romanisation of Britain, sites and the impact of the technology, culture and beliefs including early Christianity.		Seas and coast Locational knowledge of world's countries using atlases, maps, globes and digital/ computer, in relation to the surrounding oceans, basic geographical vocabulary to describe physical features of the coast, erosion and changing coast line.	
Science	Eat Like a Champ/ Electricity (DT and Engineering)	Animals including humans/Living things and their habitats - life cycles, life processes, and changes as humans develop to old age.	Earth and Space - Earth movement, other planets in relation to the sun; moon in relation to Earth day/night.	Properties of Materials - hardness, solubility, transparency, conductivity (electrical and thermal); dissolving; solids liquids and gases; reversible and irreversible changes	Forces - gravity; air resistance, water resistance, friction; mechanisms, levers, pulleys and gears in relation to forces.	Forces/ Animals - living things and their habitats.
Art **DT**	Y6 - Moving models using cams and axle systems. Y5 – Designing and making a moving cube using a simple circuit to create movement.	Christmas craft – learning to use a Stanley knife safely, measuring accurately and folding techniques. Food technology.	Weekly study of a famous artist from history. Roman art and craft – mosaic research using the internet, design, make mosaics using paper and then clay and tiles, Roman battle shields.		Weekly study of a modern famous artist. Water study – how to sketch water using pencil and pastel; paint water using water colour and acrylic. Marble painting Shells – still life observations.	
Literacy	Spelling punctuation and grammar Comprehension Fiction – Novel 'The Neerg Ookcuc by Kitty Fitzgerald. Characters study Settings	Spelling punctuation and grammar Comprehension Poem – The Bangle Sellers Study of the story and meaning behind each verse; stanza	Spelling punctuation and grammar Comprehension Non-fiction - Information writing (based on The Romans) using formal language and focus on passive	Spelling punctuation and grammar Comprehension Non -fiction Explanations and Instructions based on The Romans topic	Spelling punctuation and grammar Comprehension Fiction Writing and reading Play Scripts, poems Linked with the KS2 Talent Soiree where	Spelling punctuation and grammar Comprehension Non-fiction Writing based on 'Argument and Debate' Journalistic writing

	Imaginative writing

Stories from other Cultures through the topic on India and Hinduism. | formation; use of vocabulary for effect; metaphors and simile; learning some parts off by heart.
Writing non-fiction persuasive writing in the form of a letter related to the poem. | form of sentence structure.
Journalistic writing related to The Romans

Novels by significant writers through computing topic. | | children all perform on stage. | |
| **Numeracy** | y5 – **Number** (number, place value, ordering, counting in 10, 100 1000), **Multiplication and Division** (written method, factors, multiples, mental strategies, x and divide by 10,100,1000, long multiplication, rounding remainders), **Fractions** (equivalent, comparing, mixed numbers, +/-, decimals and fractions, mental +/- of decimals, fractions of numbers, +/- of decimals), **Addition and Subtraction, Geometry** (turns, 3D shapes and angles), **Measurement** (problem solving length/weight/capacity, area and perimeter, time , converting metric units), **Statistics** (line graphs and frequency tables)
Assessment

Y6 – **Number** (place value, ordering, numbers), **Calculations** (written method, multiples, long multiplication, Arithmagons), **Fractions** (equivalents, decimal fractions, rounding decimals, x and divide by 10, 100, multiplication of decimals), **Geometry** (estimating angles, angles in triangles/quadrilaterals, missing angles, constructing quadrilaterals, 2D shapes, co-ordinates), **Measurement** (metric units, word problems, converting units, area and perimeter), **Ratio and Proportion** (simplifying ratios, missing number problems, number sequences), **Statistics** (pie charts, conversion graphs, Mean).
Assessment | Y5 – Multiplication and Division, Fractions (prime numbers, written methods, x and divide mentally, square numbers long multiplication), Number (rounding and negative numbers), Addition and Subtraction, Geometry (angles and straight lines, constructing quadrilaterals, regular and irregular polygons, reflections, translations), Measurement (area and perimeter, volume, imperial units, converting metric units, measures x and dividing by 10, 100, 1000), statistics (line graphs, interpreting tables, timetables)
Assessment

Y6 –**Revision in preparation for end of KS2 tests**, **Number** (rounding, negative numbers, common factors and prime numbers), **Calculations** (multiplication facts, long multiplication, long division, checking answers, multiplication pyramids, remainders as fractions, combined operations), **Fractions** (rounding decimals, x and divide by 10, 100, 1000, division of decimals, remainders as decimals, simplifying fractions, comparing and ordering fractions, +/- of mixed numbers, percentages), **Measurement/ Statistics** (reading scales, conversion graphs, word problems, area and perimeter, volume, multi-step problems, pie charts, line graphs, interpreting the Mean), **Geometry** (constructing triangles, 3D shapes, circles, co-ordinates, translations, reflections), **Algebra** (missing number problems, using a formula, number sequences), **Ratio and** | | Y5 – **Multiplication and Division** (written method, rounding remainders, missing number, multiplication pyramids), **Fractions** (+/-/x fractions, fractions of amounts, ordering decimals, decimal number puzzles, counting in decimals and fractions, percentages), **Addition and Subtraction** (rounding to check, number problems, puzzles), **Geometry** (properties of rectangles, diagonals and quadrilaterals, reflections and translations), **Number** (Roman numerals, prime factors, square and cubed numbers), **Measurement** (imperial units, comparing areas, area-scale drawing, word problems, mental x and divide, +/- of measures), **Statistics** (interpreting tables, timetables). **Assessment**

Y6 – **Number** (negative numbers, magic squares), **Measurement** (Area of triangles, parallelograms, comparing volumes, practical measurement problem solving), **Calculations** (multiplication and division, rounding, using brackets, mental calculations, reasoning), **Fractions** (x and divide decimals, remainders as decimals and fractions, fractions/percentages of amounts), **Geometry** (regular polygons, constructing 2D shapes, building 3D shapes, circles, translations, reflections), **Algebra** (equations with unknown variables, finding all possible outcomes, number sequences), **Ratio and Proportion** (fractions/percentages of quantities, ratio and proportion, scale drawing), **Statistics** (line graphs, interpreting the Mean), **Review. Assessment** | |

			Proportion (percentage of amounts, ratio, proportion). **Assessment**			
ICT	Coding using Scratch – Algorithms and programming How computers work Communication and E-Safety To search for information using online maps for a specific purpose.		Data and Information – Michael Morpurgo (literacy link) To know that search engines can be used to locate information To understand the need for carefully choosing search key words To share the results of a search and be discerning in the information that is located Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals. To include collecting, evaluating and presenting data and information.		Design, write and debug programmes; use sequence, selection and repetition in programmes. Work with variables and various forms of input and output Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs	
Music [Charanga]	Living on a Prayer by Bon Jovi. Classical Rock study.	Jazz study	Lancaster Music Festival – learn to sing the songs in preparation for a performance.		Dancing in the Street by Martha and the Vandellas. A Motown song from 1960's	Reflect, Rewind and Replay This is a six-week Unit of Work that consolidates learning that has occurred during the year. It is supported by weekly lesson plans and assessment. All the learning is focused around the revision of chosen Units for a performance, a context for the History of Music and the Language of Music.
R..E	The Bible	Christmas – The Gospels of Matthew and Luke.	Jesus The Teacher	Easter	Pentecost – What happens next?	Exploring lives if significant women from the Old Testament Bible.
P.E.	Football Swimming Athletics	Dodgeball Swimming – personal survival skills Athletics	Invasion Games (Basketball) Dance – Romans Athletics	Tag Rugby Dance Athletics	Rounders Gymnastics / Athletics	Cricket Gymnastics / athletics
MFL: French	On holiday	Eating out	Eating Out	Hobbies	A school trip	Seasons

CURRICULLUM OVERVIEW 2017/18 YEAR 5/6