



Year 4 Curriculum Plan 2018-2019

	Autumn		Spring		Summer	
Enrichment Curriculum	Machines & Inventors from different eras (History) - Understand and describe the lives of historical inventors and be able to explain how technology has changed everyday life - Be able to put events in chronological order by understanding how to read and interpret dates		Climates (Geography and Science) - Understand the difference between weather and climate - Be able to give examples of different climates and where in the world they might be found - Give an explanation of how animals and people have adapted to life in different climates - Understand that the climate changes over time and that it can be influenced by human action		The First Settlers - Stone, Bronze & Iron Age (History) - Compare and contrast the lives of prehistoric humans with people living in the present day. Understand the meaning of BC and AD - Be able to narrate the history of the peoples of Britain before 55BC, including understanding the concept of tribes and trade	
English	- Poetry (read, write and perform) - Narrative writing - Topic based reports - Science based reports	- Narrative writing - Poetry (structure riddles) - Non-Fiction Texts (recounts, instructions) Non- chronological reports	- Writing and performing a play - Persuasive writing - Non-Fiction Texts (research, diary) - Science and Enrichment based writing	- Poetry (narrative) - Science - instructions and report writing - Current affairs non-chronological reports	- Discursive writing - Explanation writing linked with topic and science - Myths and Legends	- Stories with a theme - Poetry (appreciation) - Instructions - Recounts
	Ongoing: Reading - word level comprehension; Writing - transcription, joined handwriting, composition, vocabulary, grammar and punctuation; Spoken Language					
Mathematics	- Reading, writing and ordering numbers up to 1000. - Place Value in whole numbers. - Written & mental addition and subtraction. - 2D shapes.	- Mastery maths research application. - Factors, multiples, primes and squares. - Greater/less than symbols. - Perimeter -	- Multiplication tables. - Factors/Multiples. - Fractions. - Measure - Regular and irregular polygons.	- Mental calculations. - Multiplication tables. - Units of measure. - Coordinates. - Translation. - Time (analogue/digital conversions).	- Relative units of measure. - Number and place value. - Angles and Polygons. - Calculations	- Symmetry. - Time conversions and problems. - Converting fractions to decimal fractions. - Written methods for all calculations. - Data handling.



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	<ul style="list-style-type: none"> - Symmetry. - Short multiplication and division -2D shapes. - Symmetry. - Short multiplication and division. - Problem solving and investigating. 	<ul style="list-style-type: none"> - Reading and constructing simple graphs. - Written multiplication and division. - Short multiplication and division. - Solve problems. 	<ul style="list-style-type: none"> - Partitioning for mental calculations of larger numbers. - Measures and reading scales. 	<ul style="list-style-type: none"> - 24 hour time. - Polygons. - Angles. - Interpret and present different types of data in different graph types. - Area. - 3D shape. 	<ul style="list-style-type: none"> - Multi-step problem solving for all operations. - Solve more complex problems. - Different properties of number. - Written methods for all calculations. 	
Ongoing: Number and Place Value, Problem Solving Skills						
Science	Electricity <ul style="list-style-type: none"> -Circuits and how they work. -testing components -safety aspects 	Sound <ul style="list-style-type: none"> -what sound is (various models) -investigating how sound travels -how sound can be changed 	Animals including humans. <ul style="list-style-type: none"> - Digestive system simplified, teeth 	States of Matter <ul style="list-style-type: none"> -solids, liquids, gases -reversible changes -investigating changes in matter 	Living things and their habitat <ul style="list-style-type: none"> - Classification keys, - Name animals/plants - Effects of changing environments 	Animals including humans <ul style="list-style-type: none"> - Components of food chains
Ongoing: Investigation Skills – Planning investigations, taking measurements, recording data, using test results to predict and make further investigations.						
Computing	Comics E-Safety <ul style="list-style-type: none"> - Protecting myself and my friends - Know what can be seen online and who by Multimedia <ul style="list-style-type: none"> - Create a class comic Technology in our lives <ul style="list-style-type: none"> - Websites showing false information - Key words for searching - Plagiarism 		Games and Information E-Safety <ul style="list-style-type: none"> - Information safe online, know how to report - Comment positively and respectfully online Programming <ul style="list-style-type: none"> - Tell a joke / Program different keys to create an Etch a Sketch in Scratch - Create Car Racing Game Technology in our Lives <ul style="list-style-type: none"> - Understand school network drive - Create hyperlinks - Search for information Handling Data <ul style="list-style-type: none"> - Collecting data including use of data logger 		Become a Game Designer E-Safety <ul style="list-style-type: none"> - Secure password - Comment positively and respectfully online Programming <ul style="list-style-type: none"> - Use Kodu to create a game to support learning of times tables Multimedia <ul style="list-style-type: none"> - Create an advert for Kodu game Handling Data <ul style="list-style-type: none"> - Collect data, record in a spreadsheet to graph - Create a branching database 	



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							- Make a line graph that uses continuous data
Art and Design	Lowry – Industrial Landscapes - Different media including mixed media compositions -perspective -sketching skills Creating Optical Illusions -colour and perspective.		Clay skills - Cave drawings - Nature Art -early art forms and applications		Exploring colour, pattern and texture -continuing to colour mix -experimenting with techniques -investigating how different textures add effects		
Design and Technology	Victorian Inventions - Toys and games -using cams and gears to make automotive toys		Shelters Forest Skills - Investigating how traps work and constructing own - Pigments from plants (dying and weaving) -constructing shelters from natural materials		Printing -exploring different techniques -creating landscape prints Photography -framing shots and perspective		
Music	Composing electronically (programme) How different musical instruments work		Traditional Folk Singing - Creating rhythms using body percussion and instruments		Music from around the world - Comparison of Indian and South American traditional music, including types of instruments used and an exploration of musical motifs.		
Physical Education	Rugby - Developing attacking and defending skills and using in modified games - Passing the ball accurately Football - Controlling, passing and receiving the ball with both feet. - Tackling safely - Passing the ball ahead of a moving player	Gymnastics - Key Steps gymnastics – refining core skills - Complex skills – cartwheel, backward roll Vaulting onto box Tennis - Appropriate use of shots to maintain a rally - Scoring system - Refining basic strokes and introducing pace / strength	Hockey Dance - Group work – numerical variation, directional change, dynamics	Netball - Types of passing - Footwork - Positioning. - Shooting and defending Rounders - Understanding and applying the rules of the game - Using strengths as a fielder - Placing the ball	Swimming - Starts and turns - Swimming for extended distances - Competitive swimming Cricket - Variety of striking actions - Overarm bowling. - Understanding Kwick cricket	Swimming Athletics - Combine running actions with throwing. - Develop hurdling technique - Competition – Quad kids athletics tables	



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PSHE	Relationships - Feelings and emotions - Healthy relationships	Health and Wellbeing - Healthy lifestyles - Keeping safe	Health and Wellbeing - Growing and changing - Keeping safe	Relationships - Feelings and emotions - Valuing difference	Living in the wider world - Rights and responsibilities - Taking care of the environment	Living in the wider world - Money matters - Taking care of the environment
Religious Education	What kind of world did Jesus want? (Christianity)	Why is Passover important to the Jews? (Judaism)	Why is prayer important to Muslims and not for some people? (Islam)	The church year: is Easter a festival of new life or sacrifice? (Christianity)	Is it fair? (Christianity)	Why do people go on pilgrimages? (Christianity)
Spanish	Numbers 1-31, Months and Dates - Asking for and giving birthday - Language to do with birthdays	Numbers 1-31, Months and Dates - Use new language to understand and create invitations - Follow instructions for making a piñata - Understand songs, stories and video about birthdays and other celebrations	Shapes and prepositions of place - Art project focusing on the work of Miró - Verb forms in this new context to describe pictures they create of other famous Spanish artists (e.g. Picasso)	Parts of the body and face	Re-tell a story in Spanish ('The giant turnip') - Name family members - How to say 'Tengo un/una ..que se llama...' I have a ...called... - Adjectives for describing personality and physical description (hair and eyes) - Use key verbs in the 3rd person singular and plural: --> tiene (has), es (is), tienen (have), son (are)	