

Gorsefield Primary School Year 3 Curriculum Overview

	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
RWI/ Literacy and Language	<p>Fiction Story with familiar setting</p> <p>Non fiction information text.</p> <p>Grammar Adverbs and adverbials Inverted commas Headings and subheadings</p>	<p>Fiction Play script</p> <p>Non fiction Instruction text</p> <p>Grammar Adverbs of time</p>	<p>Fiction Science fiction/fantasy</p> <p>Non fiction Discussion text</p> <p>Grammar Determiners and conjunctions Adverbs and adverbials</p>	<p>Fiction Poetry</p> <p>Non fiction Explanation text</p> <p>Grammar Prefixes</p>	<p>Fiction Mystery Story</p> <p>Non fiction Non chronological report</p> <p>Grammar Adverbs and word families Sentences Perfect tense</p>	<p>Fiction Folktale</p> <p>Non fiction Biography and autobiography</p> <p>Grammar Prepositions and paragraphs</p>
Inspire Maths	<p>Numbers to 1000 Counting Comparing and ordering numbers up to 1000 Identify, represent and estimate numbers using different representations</p> <p>Addition of numbers within 10000 The meaning of sum. Addition with</p>	<p>Multiplying by 6,7,8 and 9 Multiplying by 6, 7, 8 and 9 skip counting Short cut method for multiplying by 6, 7, 8 and 9 Division finding the number of items in each group Division: making equal groups</p> <p>Multiplication Multiplication without regrouping Multiplication with</p>	<p>Division Quotient and remainder. Odd and even numbers. Division without remainder and regrouping Division with regrouping in tens and ones Division with regrouping in hundreds, tens and ones</p> <p>Solving word</p>	<p>Money Addition Subtraction Word problems</p> <p>Length, mass and volume Metres and centimetres Kilometres and metres Kilograms and grams Litres and millilitres</p> <p>Length, mass and volume :solving words problems One-step word problems Two-step word problems</p> <p>Identify horizontal and</p>	<p>Bar graphs Making bar graphs with scales Reading and interpreting bar graphs</p> <p>Fractions Numerator and denominator Understanding equivalent fractions More equivalent fractions: short cut</p>	<p>Money Addition Subtraction Word problems</p> <p>Length, mass and volume Metres and centimetres Kilometres and metres Kilograms and grams Litres and millilitres</p> <p>Length, mass and</p>

	<p>regrouping in ones, tens and hundreds</p> <p>Subtraction of numbers within 10000 The meaning of difference. Subtraction with regrouping in ones, tens, hundreds and thousands. Subtraction with numbers that have zeros Estimate the answer to a calculation and use inverse operations to check answers</p> <p>Solving word problems 1: addition and subtraction</p>	<p>regrouping in ones, tens and hundreds Multiplication with regrouping in ones, tens, hundreds and thousands</p>	<p>problems 2: multiplication and division Multiplication: one-step word problems Multiplication: two-step word problems Division: one-step word problems Division: two-step word problems Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.</p> <p>Mental calculations Mental addition Mental subtraction</p>	<p>vertical lines and pairs of perpendicular and parallel lines Drawing perpendicular lines Parallel lines Drawing parallel lines Recognise angles as a property of shape or a description of a turn Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them</p> <p>Area and perimeter Area Square centimetres (cm²) Square metres (m²) Perimeter and area More perimeter Area of a rectangle</p>	<p>Comparing fractions Adding fractions Subtracting fractions Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing 1-digit numbers or quantities by 10</p> <p>Time Telling the time Conversion of hours and minutes Addition Subtraction Duration in hours and minutes Word problems Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks</p>	<p>volume:solving words problems One-step word problems Two-step word problems</p> <p>Identify horizontal and vertical lines and pairs of perpendicular and parallel lines Drawing perpendicular lines Parallel lines Drawing parallel lines Recognise angles as a property of shape or a description of a turn Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and</p>
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			<p>More mental addition</p> <p>Mental multiplication</p> <p>Mental division</p>		<p>Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight</p> <p>Know the number of seconds in a minute and the number of days in each month, year and leap year</p>	<p>describe them</p> <p>Area and perimeter</p> <p>Area</p> <p>Square centimetres (cm²)</p> <p>Square metres (m²)</p> <p>Perimeter and area</p> <p>More perimeter</p> <p>Area of a rectangle</p>
<p>International Primary Curriculum Topics</p>	<p>Brainwave</p> <p>How different people learn.</p> <p>About the importance of practice when learning a skill.</p> <p>How to make connections between our learning.</p> <p>How we can share</p>	<p>Different Places. Similar Lives</p> <p>What different countries are like.</p> <p>How the climate affects the way people live.</p> <p>Where our food comes from.</p> <p>What people grow and eat in different countries.</p>	<p>Time and Place, Earth and Space</p> <p>How the movement of the Earth around the Sun creates different seasons, weather patterns and natural environments around the world.</p> <p>How human</p>	<p>Active Planet</p> <p>About how the Earth is formed.</p> <p>What a volcano island is and where they are in the world.</p> <p>What causes an earthquake.</p> <p>How earthquakes can be measured.</p>	<p>Gateways To The World</p> <p>About the connections we have with different places in the world.</p> <p>About the places that we can travel to from our local airport.</p> <p>About the jobs</p>	<p>Island Life</p> <p>About different islands we know about.</p> <p>Learning about new islands and comparing with existing knowledge.</p> <p>About where different islands are located in the</p>

	<p>our learning with others. How to look after our brain. How to design a school for learning. Scavengers and Settlers How fossils are made and what we can learn from them. What our earliest ancestors might have looked like. How our ancestors were able to survive. How to use archaeological evidence to find out about a prehistoric hunter. Where our ancestors settled and how they lived. How we can learn about the past by investigating a Stone Age village. What life was like</p>	<p>What products we make in our country.</p>	<p>activities can be affected by the different seasons around the world. How the Earth is divided into different time zones and how this impacts on human activity and communications. How to locate countries and places using latitude and longitude on a globe.</p>		<p>that people do in an airport. About the jobs people do on an airplane. How to plan an airport. How airport expansion can affect the environment. How weather can affect air travel.</p>	<p>world and finding them on maps. About the geographical features on different islands. About the features of a river. How to use a compass and map. How to use 4 figure grid references. About how different islands are formed. About an island in detail.</p>
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	during the Bronze Age and Iron Ages.					
International Primary Curriculum Science	<p>Footprints from the past What a fossil is and how a fossil is formed. About different types of rock. How to make a dinosaur fossil. How to find out what dinosaurs looked like. What dinosaurs ate. How to sort and classify dinosaurs. About the other animals and plants that lived at the same time as the dinosaurs.</p>	<p>How Humans Work That we need light in order to see. How human teeth compare to animal teeth. How our body uses food and water. How our heart works to keep us alive. All about skeletons and muscles. About the human life cycle. Why exercise is good for us. How tobacco and alcohol harm the body. Which foods keep us healthy and why.</p>	<p>Shake it! About solids, liquids and gases. How we can change milk into a solid. How some materials change when heated or cooled. What happens when butter is heated. About the behaviour of gases in liquids. Which solids will dissolve in a liquid. About the science of making milkshakes.</p>	<p>Bright Sparks! Which common appliances run on electricity? How to make an electrical circuit. Which materials allow electricity to pass through them? What happens when we change a circuit? How to build bigger circuits. About magnetism and electricity. About using electricity as heat How to keep safe around electricity.</p>	<p>Let's Plant It About plants in our local area. What plants need in order to grow. About water transport within plants. About local food chains. Why plants have leaves. About different rocks and soils.</p>	<p>Feel The Force What forces are and where they come from. What friction is and how we use friction. How we can reduce or increase friction. How to measure the strength of a force. How magnets and magnetic forces work.</p>
PSHCE Jigsaw	<p>Being me in my world Setting personal goals Facing challenges Understanding rules and</p>	<p>Celebrating difference Different families Conflict Witnessing bullying Power of words Understanding</p>	<p>Dreams and Goals Overcoming challenges My dreams and ambitions Achieving my goals Overcoming</p>	<p>Healthy me The effects of exercise on my heart and lungs What I know about drugs Keeping safe How household substances and medicine</p>	<p>Relationships Family roles and responsibilities Being a good friend Keeping safe How my needs are</p>	<p>Changing me Changes in animals and humans How babies develop How our bodies</p>

	responsibilities Making responsible choices	consequences of hurtful words	obstacles	can be harmful to me The importance of taking care of my body	the same as and different to the needs of others Showing appreciation	change Stereotypes in family roles Looking forward to year 4
Music (Charanga)	Unit: Let Your Spirit Fly Style: R&B, Western Classical, Musicals, Motown, Soul	Unit: Glockenspiel Stage 1 Style: Learning basic instrumental skills by playing tunes in varying styles	Unit: Three Little Birds Style: Reggae	Unit: The Dragon Song Style: A little bit funky and music from around the world.	Unit: Bringing Us Together Style: Disco	Unit: Reflect, Rewind and Replay Style: Western Classical Music and your choice from Year 3
Discovery Religious Education	Theme: Divali Religion: Hinduism Key question for this enquiry: Would celebrating Divali at home and in the community bring a feeling of belonging to a Hindu child? Learning Objectives: We are learning to investigate what happens during	Theme: Christmas Religion: Christianity Key question for this enquiry: Has Christmas lost its true meaning? Learning Objectives: We are learning to find out what the true meaning of Christmas is to Christians and compare this with what Christmas means to us.	Theme: Jesus' miracles Religion: Christianity Key question for this enquiry: Could Jesus heal people? Were these miracles or is there some other explanation? Learning Objectives: We are learning to retell Bible stories when miracles	Theme: Easter - Forgiveness Religion: Christianity Concept: Salvation/Gospel Key question for this enquiry: What is 'good' about Good Friday? Learning Objectives: We are learning to recall key events in the Easter story and understand why Jesus' crucifixion symbolises hope for Christians.	Theme: Hindu Beliefs Religion: Hinduism Key question for this enquiry: How can Brahman be everywhere and in everything? Learning Objectives: We are learning to understand the Hindu belief that there is one God with many different aspects.	Theme: Pilgrimage to the River Ganges Religion: Hinduism Key question for this enquiry: Would visiting the River Ganges feel special to a non-Hindu? Learning Objectives: We are learning to understand the significance of the

	the festival of Divali and whether the celebrations bring a sense of belonging to Hindus?		have happened and question whether Jesus really did perform miracles.			River Ganges both for a Hindu and non-Hindu.
Computing	Covered through IPC Units					
Physical Education	<p>KPES.-Gymnastics/6 Weeks (Balance- Floor, Apparatus, Sequence) KPES.</p> <p>KPES-Football 6 Weeks (Control, Awareness, Running with ball, Dribbling, Passing)</p>	<p>KPES.-Gymnastics/6 Weeks (Rolls, Control keeping knees&ankles together-Floor, Apparatus,Sequences) PERB- Invasion games / 6 weeks</p>	<p>KPES.- Orienteering/6 Weeks (Varied skills on SOW) PERB- Gymnastics/ 6 weeks</p>	<p>KPES.-Dodgeball/6 Weeks (Varied games on SOW) PERB- Rounders/ 6 weeks</p>	<p>PERB- Dance/ 6 weeks</p> <p>PERB-Athletics and Sports Day Games/ 6 weeks</p>	<p>KPES.-Hockey 6 Weeks (Awareness, Skills, Passing, Dribbling, Receiving, Attacking & Defending) PERB-Striking and fielding Games/ 6 weeks</p>