

Gorsefield Primary School Year 4 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 a dilemma, Non fiction information texts.</p> <p>Grammar Inverted commas</p>	<p>Fiction Poetry Non fiction Journalistic recounts</p> <p>Grammar Paragraphs</p>	<p>Fiction Story in narrative verse Non fiction Explanation texts</p> <p>Grammar Adverbials including fronted adverbials</p>	<p>Fiction Play scripts Non fiction Evaluating evidence</p> <p>Grammar Plurals, possession and apostrophes</p>	<p>Fiction Story with historical setting Non fiction Newspaper articles</p> <p>Grammar Standard English</p>	<p>Fiction Story from another culture Non fiction Persuasive writing</p> <p>Grammar Nouns and pronouns</p>
Inspire Maths	<p>Whole numbers 1 Numbers to 100,000 Comparing numbers to 100,000</p> <p>Whole numbers 2 Rounding numbers to the nearest ten and hundred Estimation Factors Multiples</p> <p>Recall multiplication and division facts for multiplication tables up to 12×12 Using place value, known and derived facts to multiply and</p>	<p>Whole numbers 3 Multiplication by a 1-digit number Multiplication by a 2-digit number Division by a 1-digit number Word problems Estimate and use inverse operations to check answers to a calculation Solve problems involving multiplying and adding, including using the distributive law to multiply 2-digit numbers by 1-digit, integer scaling</p>	<p>Fractions Mixed numbers Improper fractions Conversion of fractions Adding and subtracting fractions Fractions of a set Word problems</p> <p>Angles Understanding angles Naming angles Measuring angles Drawing angles to 180° Turns and right angles</p>	<p>Perpendicular and parallel lines Drawing perpendicular lines Drawing parallel lines Horizontal and vertical lines</p> <p>Squares and rectangles Squares and rectangles More on squares and rectangles</p> <p>Decimals 1 Understanding tenths Understanding</p>	<p>Decimals 2 Addition Subtraction Word problems Multiplication Division Estimation of decimals Word problems</p> <p>Time Seconds 24-hour clock Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days</p> <p>Area and perimeter Rectangles and squares</p>	<p>Symmetry Identifying symmetrical shapes Identifying lines of symmetry Making symmetrical shapes and patterns Identify lines of symmetry in 2-D shapes presented in different orientations Describe positions on a 2-D grid as coordinates in the first quadrant Describe movements between positions as translations of a given unit to the left/right and</p>

	<p>divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers</p> <p>Recognise and use factor pairs and commutativity in mental calculations</p> <p>Recap addition and subtraction from Year 3</p>	<p>problems and harder correspondence problems such as n objects are connected to m objects.</p> <p>Tables and line graphs</p> <p>Presenting and interpreting data in a table</p> <p>More tables</p> <p>Line graphs</p> <p>Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs</p>	<p>8-point compass</p> <p>Identify acute and obtuse angles and compare and order angles up to two right angles by size</p>	<p>hundredths</p> <p>Understanding thousandths</p> <p>Comparing decimals</p> <p>Rounding decimals</p> <p>Fractions and decimals</p> <p>Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten</p>	<p>Composite shapes</p> <p>Solving word problems</p> <p>Convert between different units of measure [for example, kilometre to metre; hour to minute]</p> <p>Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres</p> <p>Find the area of rectilinear shapes by counting squares</p> <p>Estimate, compare and calculate different measures, including money in pounds and pence</p>	<p>up/down</p> <p>Plot specified points and drawing sides to complete polygons</p> <p>Tesselations</p> <p>Identifying tessellations</p> <p>More tessellations</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 our</p>	<p>Living Together</p> <p>How our school meets the needs of the community.</p> <p>About the buildings and services in our local area.</p> <p>About communities in a different country.</p>	<p>Saving the World</p> <p>About where rainforests are in the world.</p> <p>Which rainforest products we use in our everyday lives.</p> <p>About the lives of rainforest people</p>	<p>Explorers and adventures</p> <p>How to use geographical terms.</p> <p>How to use different types of world maps.</p> <p>How to look for geographical</p>	<p>All Aboard</p> <p>About the early innovators who invented the railways.</p> <p>The impact of the invention of railways on different groups in society.</p> <p>How railways changed towns and cities around</p>	<p>Inventions that changed the world</p> <p>About significant inventions of the last 100 years.</p> <p>About inventions in the way we communicate,</p> <p>About the Islamic 'Golden Age of</p>

	<p>learning with others. How to look after our brain. How to design a school for learning.</p> <p>Temples, Tombs and Treasure Why rivers were important to ancient civilisations. What daily life was like in Ancient Egypt. How to write using Egyptian hieroglyphics. About the different rulers of Egypt. About Ancient Egyptian religion and burials. How the Ancient Egyptians might have built the pyramids. About the treasures discovered in Tutankhamun's tomb. How to use different sources to find out about Ancient Sumer. How to compare life in Ancient Sumer with life in Ancient Egypt.</p>	<p>How to identify the places and areas of interest in our local area.</p>	<p>and how they compare with our own. How and why the rainforest is being destroyed. Discovering the ways that people are trying to save the rainforest.</p>	<p>information. About places we have explored on holiday.</p>	<p>Britain. What working conditions were like for the people who built the railways. How the growth of railways changed how people spent their leisure time. How railways were built and continue to develop around the world. How railway safety has changed throughout time.</p>	<p>Invention', About the history of flight and associated inventions.</p>
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International Primary Curriculum Science	Land, Sky and Sea How water plants are different from other plants. How fish have adapted to living in water. How birds are adapted to flying. How to create a classification key to group animals. About different kinds of rocks and soils. About food chains in different world habitats. About the life cycles of plants and animals.	Shaping up About the human skeleton, organs and muscles. How the human heart works. What is meant by a balanced diet. How the digestive system works. How to look after our teeth. About the harmful effects of cigarettes and alcohol. How much physical exercise we need. About the effects of physical activity on our heart rate.	Chocolate About the ingredients in chocolate. If chocolate causes tooth decay. Why chocolate wrappers are made from special materials. What the melting point of chocolate is.	Turn it up How sounds are made. How to change sounds. How sounds travel to the ear. About the volume of sounds. About sound and noise. Where light comes from. How shadows are formed.	On Tap About the water cycle and how rain is made. How water gets to our taps and where it goes to after we have used it. What causes water pollution and what can be done about it. How to make our own water cycle. How to investigate and clean different water samples.	Nature of life About animal, plant and human life cycles. About local food chains and webs. How living things grow and change. How living things are grouped. About animal and plant adaptations. About the differences between living and non-living things.
PSHCE Jigsaw	Being me in my world How my attitudes affect my class My school community Democracy How my actions affect others How groups make decisions	Celebrating difference Assumptions based on appearance What to do if I think bullying is going on Why witnesses might join in with bullying What is special about me When have my first impressions changed	Dreams and Goals Identifying my hopes and dreams Understanding that hopes do not always come true How to counteract disappointment How to set new	Healthy me How friendship groups are formed Changing group dynamics Effects of smoking Effects of alcohol Recognising peer pressure What I think is right and wrong	Relationships Identifying my relationships Expressing why people are special to me Animal rights issues How people feel about their pets How to show love and appreciation to special people and animals	Changing me How I inherited characteristics from my parents Parts of the reproductive system How a girl's body changes including menstruation Circle of change Identifying changes that are within and without my control

			goals How to work out the steps to achieve these goals			Looking forward to year 5
Music (Charanga)	Unit: Mamma Mia Style: ABBA	Unit: Glockenspiel Stage 2 Style: Learning basic instrumental skills by playing tunes in varying styles	Unit: Stop! Style: Grime, Classical, Bhangra, Tango, Latin Fusion	Unit: Lean On Me Style: Gospel	Unit: Benjamin Britten - Cuckoo Style: Benjamin Britten (Western Classical Music), Folk, Big Band Jazz	Unit: Reflect, Rewind and Replay Style: Western Classical Music and your choice from Year 4
Discovery Religious Education	Theme: Beliefs and Practices Religion: Judaism Key question for this enquiry: How special is the relationship Jews have with God? Learning Objectives: We are learning to understand the special relationship between Jews and God and the promises they make to each other.	Theme: Christmas Religion: Christianity Concept: Incarnation Key question for this enquiry: What is the most significant part of the Nativity story for Christians today? Learning Objectives: We are learning to understand the symbolism in the Christmas story and think about what the different parts mean to Christians today.	Theme: Passover Religion: Judaism Key question for this enquiry: How important is it for Jewish people to do what God asks them to do? Learning Objectives: We are learning to understand how celebrating Passover and keeping Kashrut (food laws) help	Theme: Easter Religion: Christianity Concept: Salvation Key question for this enquiry: Is forgiveness always possible for Christians? Learning Objectives: We are learning to understand how Jesus' life, death and resurrection teaches Christians about	Theme: Beliefs and Practices Religion: Judaism Key question for this enquiry: What is the best way for a Jew to show commitment to God? Learning Objectives: We are learning to understand how Jews show their commitment to God, comparing their practices in order to explore which shows the most commitment.	Theme: Prayer and Worship Religion: Christianity Key question for this enquiry: Do people need to go to church to show they are Christians? Learning Objectives: We are learning to understand how important going to church is to show someone is a Christian.

			Jews show God they value their special relationship with Him.	forgiveness.		
Computing	Covered through IPC Units					
Physical Education	KPES.-Gymnastics/6 Weeks (Points&Patches, Travelling) KPES.-Football 6 Weeks (Attacking&Defending, Passing&Shooting, Turning&Moving	KPES.-Gymnastics/6 Weeks (Jumping&Flight, Stretching, Tucking, Sinking, Rocking) PERB- Invasion games / 6 weeks	PERB- Gymnastics/ 6 weeks KPES.- Orienteering/6 Weeks (Varied skills on SOW)	KPES.- Dodgeball/6 Weeks (Varied games on SOW) PERB- Football/ 6 weeks	PERB- Dance/ 6 weeks PERB-Athletics and Sports Day Games/ 6 weeks	KPES.-Hockey 6 Weeks (Awareness, Skills, Passing, Dribbling, Receiving, Attacking & Defending) PERB-Striking and fielding Games/ 6 weeks