

Ryelands Primary School National Curriculum 2014

<p>English</p> <p>Reading</p> <ul style="list-style-type: none"> - Use knowledge to read 'exception' words - Read range of fiction & non-fiction - Use dictionaries to check meaning - Prepare poems & plays to perform - Check own understanding of reading - Draw inferences & make predictions - Retrieve & record information from non-fiction books - Discuss reading with others <p>Writing</p> <ul style="list-style-type: none"> - Use prefixes & suffixes in spelling - Use dictionary to confirm spellings - Write simple dictated sentences - Use handwriting joins appropriately - Plan to write based on familiar forms - Rehearse sentences orally for writing - Use varied rich vocabulary - Create simple settings & plot - Assess effectiveness of own and others' writing <p>Grammar</p> <ul style="list-style-type: none"> - Use range of conjunctions - Use perfect tense - Use range of nouns & pronouns - Use time connectives - Introduce speech punctuation - Know language of clauses <p>Speaking & Listening</p> <ul style="list-style-type: none"> - Give structured descriptions - Participate activity in conversation - Consider & evaluate different viewpoints 	<p>Maths</p> <p>Number/Calculation</p> <ul style="list-style-type: none"> - Learn 3, 4 & 8x tables - Secure place value to 100 - Mentally add & subtract units, tens or hundreds to numbers of up to 3 digits - Written column addition & subtraction - Solve number problems, including multiplication & simple division and missing number problems - Use commutativity to help calculations <p>Geometry & Measures</p> <ul style="list-style-type: none"> - Measure & calculate with metric measures - Measure simple perimeter - Add/subtract using money in context - Use Roman numerals up to XII; tell time - Calculate using simple time problems - Draw 2-d / Make 3-d shapes - Identify and use right angles - Identify horizontal, vertical, perpendicular and parallel lines <p>Fractions & decimals</p> <ul style="list-style-type: none"> - Use & count in tenths - Recognise, find & write fractions - Recognise some equivalent fractions - Add/subtract fractions up to <1 - Order fractions with common denominator <p>Data</p> <ul style="list-style-type: none"> - Interpret bar charts & pictograms 			
<p>Religious Education</p> <p>Local agreed syllabus- SACRE</p>	<h3 style="margin: 0;">Statutory Curriculum Overview Year 4</h3>	<p>Values Education</p> <p>Whole School chosen value</p>		
<p>Science</p> <p><u>Biology</u></p> <ul style="list-style-type: none"> - Classify living things - Digestive system & teeth - Food chains <p><u>Chemistry</u></p> <ul style="list-style-type: none"> - Changes of state - The water cycle <p><u>Physics</u></p> <ul style="list-style-type: none"> - Sound as vibrations - Electricity: simple circuits & conductors 	<p>History</p> <p>Whole school Local History Study- World War 2</p> <p>British History</p> <ul style="list-style-type: none"> - Anglo-Saxons & Vikings, including: - Invasions, settlements & kingdoms - Viking invasions; Danegald - Edward the Confessor <p>Anglo Saxon and Viking Struggle</p>	<p>Geography</p> <p>Whole School Topic: World Wide Wanderers</p> <p>European city focus (Locate world's countries, focussing on Europe & Americas focus on key physical & human features)</p> <ul style="list-style-type: none"> - Use 8 points of compass, symbols & keys - Describe & understand climate, rivers, mountains, volcanoes, earthquakes, water cycle, settlements, trade links, etc. - Use fieldwork to observe, measure & record 	<p>Computing (LKS2)</p> <ul style="list-style-type: none"> - Design & write programs to achieve specific goals, including solving problems - Use logical reasoning - Understand computer networks - Use internet safely and appropriately - Collect and present data appropriately 	<p>Modern Languages (LKS2)</p> <ul style="list-style-type: none"> - Listen & engage - Ask & answer questions - Speak in sentences using familiar vocabulary - Develop appropriate pronunciation - Show understanding of words & phrases - Appreciate stories, songs, poems & rhymes - Broaden vocabulary
<p>Physical Education (LKS2)</p> <ul style="list-style-type: none"> - Use running, jumping, catching and throwing in isolation and in combination - Play competitive games, modified as appropriate - Develop flexibility & control in gym, dance & athletics - Compare performances to achieve personal bests - Swimming proficiency at 25m (KS1 or KS2) 	<p>Art and Design (LKS2)</p> <ul style="list-style-type: none"> - Use sketchbooks to collect, record and evaluate ideas - Improve mastery of techniques such as drawing, painting and sculpture with varied materials - Learn about great artists, architects & designers 	<p>Design and Technology (LKS2)</p> <ul style="list-style-type: none"> - Use research & criteria to develop products which are fit for purpose - Use annotated sketches and prototypes to explain ideas - Evaluate existing products and improve own work - Use mechanical systems in own work - Understand seasonality; prepare & cook mainly savoury dishes 	<p>Music (LKS2)</p> <ul style="list-style-type: none"> - Use voice & instruments with increasing accuracy, control and expression - Improvise & compose music - Listen with attention to detail - Appreciate wide range of live & recorded music - Begin to develop understanding of history 	

