

Ryelands Primary School National Curriculum 2014

<p>English</p> <p>Reading</p> <ul style="list-style-type: none"> - Apply knowledge of morphology & etymology when reading new words - Reading & discuss a broad range of genres & texts - Identifying & discussing themes - Make recommendations to others - Learn poetry by heart - Draw inference & make predictions - Discuss authors' use of language - Retrieve & present information from non-fiction texts. - Formal presentations & debates <p>English Writing</p> <ul style="list-style-type: none"> - Secure spelling, inc. homophones, prefixes, silent letters, etc. - Use a thesaurus - Legible, fluent handwriting - Plan writing to suit audience & purpose - Develop character, setting and atmosphere in narrative - Use organisational & presentational features - Use consistent appropriate tense - Proof-reading - Perform own compositions <p>Grammar</p> <ul style="list-style-type: none"> - Use expanded noun phrases - Use modal & passive verbs - Use relative clauses - Use commas for clauses - Use brackets, dashes & commas for parenthesis <p>Speaking & Listening</p> <ul style="list-style-type: none"> - Give well-structured explanations - Command of Standard English - Consider & evaluate different viewpoints - Use appropriate register 		<p>Maths</p> <p>Number/Calculation</p> <ul style="list-style-type: none"> - Secure place value to 1,000,000 - Use negative whole numbers in context - Use Roman numerals to 1000 (M) - Use standard written methods for all four operations - Confidently add & subtract mentally - Use vocabulary of prime, factor & multiple - Multiply & divide by powers of ten - Use square and cube numbers <p>Mathematics</p> <p>Geometry & Measures</p> <ul style="list-style-type: none"> - Convert between different units - Calculate perimeter of composite shapes & area of rectangles - Estimate volume & capacity - Identify 3-d shapes - Measure & identify angles - Understand regular polygons <p>Reflect & translate shapes</p> <p>Data</p> <ul style="list-style-type: none"> - Interpret tables & line graphs - Solve questions about line graphs <p>Fractions</p> <ul style="list-style-type: none"> - Compare & order fractions - Add & subtract fractions with common denominators, with mixed numbers - Multiply fractions by units - Write decimals as fractions - Order & round decimal numbers - Link percentages to fractions & decimals 							
<p>Religious Education</p> <p>Local agreed syllabus- SACRE</p>		<h1 style="margin: 0;">Statutory Curriculum Overview Year 5</h1>		<p>Values Education</p> <p>Whole School chosen value</p>					
<p>Science</p> <p>Biolog</p> <ul style="list-style-type: none"> - Life cycles of plants & animals (inc. mammal, insect, bird, amphibian) - Describe changes as humans develop & mature <p>Chemistry</p> <ul style="list-style-type: none"> - Classify materials according to a variety of properties - Understand mixtures & solutions - Know about reversible changes; identify irreversible <p>Physics</p> <ul style="list-style-type: none"> - Understand location and interaction of Sun, Earth & Moon - Introduce gravity, resistance & mechanical forces 		<p>History</p> <p>Whole school focus: Local History Study with a focus on Victorians</p> <p>British History</p> <ul style="list-style-type: none"> - Stone Age to Iron Age Britain, including: <ul style="list-style-type: none"> - hunter-gatherers and early farmers - Bronze age religion, technology & travel - Iron age hill forts <p>Broader History Study- Victorians</p> <ul style="list-style-type: none"> - An in depth study linked to a studied period - A study over a period of time - A post-1066 study of relevant local history 		<p>Geography</p> <p>Whole School Topic: World Wide Wanderers. The world- countries, climate zones, region of a European country.</p> <ul style="list-style-type: none"> - Understand biomes, vegetation belts, land use, economic activity, distribution of resources, etc. 		<p>Computing (UKS2)</p> <ul style="list-style-type: none"> - Design & write programs to solve problems - Use sequences, repetition, inputs, variables and outputs in programs - Detect & correct errors in programs - Understand uses of networks for collaboration & communication - Be discerning in evaluating digital content 		<p>Modern Languages (UKS2)</p> <ul style="list-style-type: none"> - Listen & engage - Engage in conversations, expressing opinions - Speak in simple language & be understood - Develop appropriate pronunciation - Present ideas & information orally - Show understanding in simple reading - Adapt known language to create new ideas - Describe people, places & things - Understand basic grammar, e.g. gender 	
<p>Physical Education (UKS2)</p> <ul style="list-style-type: none"> - Use running, jumping, catching and throwing in isolation and in combination - Play competitive games, applying basic principles - Develop flexibility & control in gym, dance & athletics - Take part in Outdoor & Adventurous activities - Compare performances to achieve personal bests - Swimming proficiency at 25m (KS1 or KS2) 		<p>Art & Design (UKS2)</p> <ul style="list-style-type: none"> - Use sketchbooks to collect, record, review, revisit & 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 (UKS2)</p> <ul style="list-style-type: none"> - Use research & criteria to develop products which are fit for purpose and aimed at specific groups - Use annotated sketches, cross-section diagrams & computer-aided design - Analyse & evaluate existing products and improve own work - Use mechanical & electrical systems in own products, including programming - Cook savoury dishes for a healthy & varied diet 		<p>Music (UKS2)</p> <ul style="list-style-type: none"> - Perform with control & expression solo & in ensembles - Improvise & compose using dimensions of music - Listen to detail and recall aurally - Use & understand basics of staff notation - Develop an understanding of the history of music, including great musicians & composers 			

