

Ryelands Primary School National Curriculum 2014

English Reading <ul style="list-style-type: none"> - Read a broad range of genres - Recommend books to others - Make comparisons within/across books - Support inferences with evidence - Summarising key points from texts - Identify how language, structure, etc. contribute to meaning - Discuss use of language, inc. figurative - Discuss & explain reading, providing reasoned justifications for views Writing <ul style="list-style-type: none"> - Use knowledge of morphology & etymology in spelling - Develop legible personal handwriting style - Plan writing to suit audience & purpose; use models of writing - Develop character & setting in narrative - Select grammar & vocabulary for effect - Use a wide range of cohesive devices - Ensure grammatical consistency Grammar <ul style="list-style-type: none"> - Use appropriate register/ style - Use the passive voice for purpose 		<ul style="list-style-type: none"> - Use features to convey & clarify meaning - Use full punctuation - Use language of subject/object Speaking & Listening <ul style="list-style-type: none"> - Use questions to build knowledge - Articulate arguments & opinions - Use spoken language to speculate, hypothesise & explore - Use appropriate register & language 		Maths Number/Calculation <ul style="list-style-type: none"> - Secure place value & rounding to 10,000,000, including negatives - All written methods, including long division - Use order of operations (not indices) - Identify factors, multiples & primes - Solve multi-step number problems Algebra <ul style="list-style-type: none"> - Introduce simple use of unknowns Geometry & Measures <ul style="list-style-type: none"> - Confidently use a range of measures & conversions - Calculate area of triangles / parallelograms - Use area & volume formulas - Classify shapes by properties - Know and use angle rules - Translate & reflect shapes, using all four quadrants Data <ul style="list-style-type: none"> - Use pie charts - Calculate mean averages Fractions, decimals & percentages <ul style="list-style-type: none"> - Compare & simplify fractions - Use equivalents to add fractions - Multiply simple fractions - Divide fractions by whole numbers - Solve problems using decimals & percentages - Use written division up to 2dp - Introduce ratio & proportion 					
Religious Education Local agreed syllabus- SACRE		<h1 style="margin: 0;">Statutory Curriculum Overview Year 6</h1>			Values Education Whole School chosen value				
Science Biology <ul style="list-style-type: none"> - Classification, including micro-organisms - Health & Lifestyles, incl. circulatory system - Evolution & Adaptation Physics <ul style="list-style-type: none"> - Light & Shadows; the eye - Forces, including gravity - Electricity: investigating circuits 		History Whole school focus: Local History Study with a focus on John Lennon, The Beatles and pop culture. Broader History Study <ul style="list-style-type: none"> - Ancient Greece, i.e. - A study of Greek life and achievements and their influence on the western world Broader History Study <ul style="list-style-type: none"> - Non-European society, i.e. - Islamic civilization, including Baghdad - Mayan civilization - Benin (West Africa) 		Geography Whole School Topic: World Wide Wanderers. Understand latitude, longitude, Equator, hemispheres, tropics, polar circles & time zones Focus on North or South America <ul style="list-style-type: none"> - Use 4- and 6-figure grid references on OS maps - Use fieldwork to record & explain areas 		Computing (UKS2) <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 		Modern Languages (UKS2) <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 	
Physical Education (UKS2) <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) 		Art & Design (UKS2) <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 		Design and Technology (UKS2) <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 		Music (UKS2) <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 			

