



Knutton, St Mary's C of E Academy Year 5 Curriculum Overview



Year 5	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic Title	Secrets of the East		Faith, Hope and Charity	Forged in Iron	Who let the God's out?	Around the World
Core Text	<ul style="list-style-type: none"> • The Firework Maker's Daughter by Philip Pullman • The Willow Pattern Story by Allan Drummond 		<ul style="list-style-type: none"> • Whole School text • The Invention of Hugo Cabret by Brian Selznick 		<ul style="list-style-type: none"> • Greek Myths 	<ul style="list-style-type: none"> • Kensuke's Kingdom by Michael Morpurgo
Class Authors	Philip Pullman and Brian Selznick					
Writing Outcome	<ul style="list-style-type: none"> • Recount: Informal letter or diary entry • Narrative: Retell part of the story • Character Description • Narrative: Quest story • Non-chronological Report: The Shang Dynasty. • Persuasion: Advert for a new firework • Poetry: Firework Haikus 		<ul style="list-style-type: none"> • Narrative: Retell from a different character's perspective • Persuasion: Formal letter • Narrative: Alternative events • Setting Description • Explanation: The Water Cycle 		<ul style="list-style-type: none"> • Retell myths from a different perspective • Narrative: Write a myth • Non-chronological Report: Ancient Greeks 	<ul style="list-style-type: none"> • Recount: Diary entry • Discussion: For and against a journey around the world • Character Description • Explanation: Island Survival
Mathematics	Breadth of learning: <ul style="list-style-type: none"> • Number: Place value (within 100,000) • Number: Addition and subtraction • Statistics: Graphs and tables 	Breadth of learning: <ul style="list-style-type: none"> • Number: Multiplication and division • Measurement: Perimeter and area 	Breadth of learning: <ul style="list-style-type: none"> • Number: Multiplication and division • Number: Fractions 	Breadth of learning: <ul style="list-style-type: none"> • Number: Fractions • Number: Decimals and percentages 	Breadth of learning: <ul style="list-style-type: none"> • Number: Decimals • Geometry: Properties of shape 	Breadth of learning: <ul style="list-style-type: none"> • Geometry: Position and direction • Measurement: Converting units • Measurement: Volume

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Science	Breadth of learning: <ul style="list-style-type: none"> Gravity Air resistance Water resistance Friction 	Breadth of learning: <ul style="list-style-type: none"> Solids, liquids and gases Reversible and irreversible changes Solutions and mixture Comparative and fair testing 	Breadth of learning: <ul style="list-style-type: none"> Life cycles of mammals, amphibians, insects, & birds Germination Life process of, and reproduction in some plants and animals David Attenborough (born 1926) 		Breadth of learning: <ul style="list-style-type: none"> Describe the changes as humans develop to old age Life cycles 	Breadth of learning: <ul style="list-style-type: none"> The movement of Earth, planets and moon. Day and night. Understand seasons and hemispheres of Earth Mae Jemison (born 1956) Maggie Aderin-Pocock (born 1968)
History	Breadth of learning: <ul style="list-style-type: none"> The Shang Dynasty 		Breadth of learning: <ul style="list-style-type: none"> Knutton Forge Iron ore and coal pits Houses built in Knutton to house workers Local history 		Breadth of learning: <ul style="list-style-type: none"> Who were the Ancient Greeks? 	
Geography		Breadth of learning: <ul style="list-style-type: none"> Magnificent Mountains Major mountains of the world and in the UK How mountains are formed and shaped. Weather Impact of tourism 		Breadth of learning: <ul style="list-style-type: none"> Raging Rivers Names and locations of the major rivers of the UK and the world Focus on Europe Water cycle Features of rivers, natural and human ways that rivers change over time 		Breadth of learning: <ul style="list-style-type: none"> Marvellous Maps Exploring different map types Eight compass points Grid references
Art		Breadth of learning: <ul style="list-style-type: none"> Secrets of the East Fireworks 		Breadth of learning: <ul style="list-style-type: none"> Iron structures Eiffel tower 		Breadth of learning: <ul style="list-style-type: none"> Flat yet sculptural

		<ul style="list-style-type: none"> Joan Miro Georg Handel Music for the Royal Fireworks 		<ul style="list-style-type: none"> Ironbridge Reverse drawing, block printing with inks Dave Gunning 		<ul style="list-style-type: none"> Card, paper, collage materials, chicken wire, mod roc, paint Kendra Haste
DT	Breadth of learning: <ul style="list-style-type: none"> Celebrating culture and seasonality Design, make and evaluate finger food pizza Festival/Bonfire Night 		Breadth of learning: <ul style="list-style-type: none"> Design, make and evaluate automata toy using cams The Invention of Hugo Cabret 		Breadth of learning: <ul style="list-style-type: none"> Design, make and evaluate new sandals for Hermes, combining different fabrics 	
Computing	Breadth of learning: <ul style="list-style-type: none"> Online Safety Databases 	Breadth of learning: <ul style="list-style-type: none"> Coding 	Breadth of learning: <ul style="list-style-type: none"> 3D Modelling 	Breadth of learning: <ul style="list-style-type: none"> Spreadsheets 	Breadth of learning: <ul style="list-style-type: none"> Game Creator 	Breadth of learning: <ul style="list-style-type: none"> Concept Maps
PE and Dance	Breadth of learning: <ul style="list-style-type: none"> Games; Football (skill & close control) Games; Hockey (develop accuracy) 	Breadth of learning: <ul style="list-style-type: none"> Gymnastics; (matching, mirroring & contrast) Games; Handball (Send & dribble a ball) 	Breadth of learning: <ul style="list-style-type: none"> Gymnastics; (partner work) Games; Tennis (develop shots & positions) 	Breadth of learning: <ul style="list-style-type: none"> Gymnastics; (synchronisation & canon) Games – Dodgeball (develop attacking & defending skills) 	Breadth of learning: <ul style="list-style-type: none"> Dance; (develop a motif within a group) Athletic; (add hurdles to sprinting) 	Breadth of learning: <ul style="list-style-type: none"> Games; Rounders (develop fielding skills) Cricket; (develop throwing & hitting)
			Outdoor and adventurous activities – Forest Schools			
Music	Breadth of learning: <ul style="list-style-type: none"> Music of the Beatles including: <ul style="list-style-type: none"> Blackbird Yellow Submarine Hey Jude Can't Buy Me Love Yesterday Let It Be 	Breadth of learning: <ul style="list-style-type: none"> Singing; Open mouth, relaxed jaw and clear pronunciation Dynamic range Pentatonic Scale Perform to an audience Christian whole school 	Breadth of learning: <ul style="list-style-type: none"> Jazz, improvisation and composition Take The 'A' Train by Duke Ellington Speaking My Peace by H. Parlan Back 'O'Town Blues by Earl Hines 	Breadth of learning: <ul style="list-style-type: none"> Rock Anthems We Will Rock You by Queen Smoke On The Water by Deep Purple Rockin' All Over The World by Status Quo 	Breadth of learning: <ul style="list-style-type: none"> I can't Help Myself (Sugar Pie Honey Bunch) by The Four Tops I Heard it Through the Grapevine by Marvin Gaye 	Breadth of learning: <ul style="list-style-type: none"> Theme and Variation Garageband No Woman No Cry by Bob Marley Shout by Lulu Hallelujah by Jeff Buckley

