

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
Skills Builder Focus	Speaking/ Listening		Aiming High/ Staying Positive/Problem Solving		Creativity/ Leadership/ Teamwork	
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

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Art		Breadth of learning: <ul style="list-style-type: none"> • Secrets of the East • Fireworks • Joan Miro • Georg Handel Music for the Royal Fireworks 		Breadth of learning: <ul style="list-style-type: none"> • Iron structures • Eiffel tower • Ironbridge • Reverse drawing, block printing with inks • Dave Gunning 		Breadth of learning: <ul style="list-style-type: none"> • Flat yet sculptural • 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 	Breadth of learning: <ul style="list-style-type: none"> • Singing; Open mouth, relaxed jaw and clear pronunciation • Dynamic range • Pentatonic Scale 	Breadth of learning: <ul style="list-style-type: none"> • Jazz, improvisation and composition • Take The 'A' Train by Duke Ellington 	Breadth of learning: <ul style="list-style-type: none"> • Rock Anthems • We Will Rock You by Queen • Smoke On The Water by Deep Purple 	Breadth of learning: <ul style="list-style-type: none"> • I can't Help Myself (Sugar Pie Honey Bunch) by The Four Tops 	Breadth of learning: <ul style="list-style-type: none"> • Hello Garageband! Core composition • Since I Left You by The Avalanches



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