



Year 5 Curriculum Map

Subject Area	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Maths	<u>Number and Place Value</u> Comparing six digit numbers Rounding numbers <u>Addition and Subtraction</u> Addition and Subtraction within 100000	<u>Multiplication and Division</u> Finding factors, multiples and prime numbers Multiplying by 10, 100 and 1000 Multiplying four digit numbers Multiplying 2 and 3 digit numbers by a 2 digit number Dividing by 10, 100 and 1000 Dividing with and without remainders	<u>Word problems</u> <u>Graphs</u> Reading timetables Graphs inc line graphs <u>Fractions</u> Improper fractions and mixed numbers Adding and subtracting fractions Comparing fractions Multiplying whole numbers by fractions Multiplying mixed numbers and whole numbers	<u>Decimals</u> Reading and writing decimals Comparing decimals Fraction and decimal equivalents Adding and subtracting decimals Rounding decimals <u>Percentages</u> Writing percentages Equivalent fractions, decimals and percentages	<u>Geometry</u> Types of angles Measuring angles Finding missing angles Regular and irregular polygons Angles inside quadrilaterals. <u>Position and movement</u> Describing translations and reflections	<u>Measurements</u> Converting units of length, mass and volume Solving word problems Time <u>Area and Perimeter</u> Area and perimeter of composite shapes Estimating area Drawing to scale <u>Volume</u> Finding the volume Solving word problems <u>Roman Numerals</u> Roman Numerals to 1000
	Young, Gifted and Black by Jamia Wilson Race to the Frozen North: The	Beowulf by Michael Morpurgo Outcome Fiction: write a further adventure	Arthur and the Golden Rope by Joe Todd-Stanton Outcome	The Darkest Dark by Chris Hadfield Outcome	The Paperbag Prince by Colin Thompson Outcome	Radiant Child by Javaka Steptoe Outcome
English						

	Matthew Henson Story by Catherine Johnson Outcome Recount: write a series of diary entries Curriculum Link Hearts and Minds – celebrating Black lives	Curriculum Link History – Viking and Anglo-Saxon struggle	Fiction: write a myth, creating characters and settings Curriculum Link History – Viking and Anglo-Saxon struggle	Recount: write a formal biography of Chris Hadfield Curriculum Link Science – Earth and Space Geography – Earth, time zones, latitude, longitude, hemispheres	Persuasion/ information: write a hybrid leaflet about waste management Curriculum Link Geography – human geography, land use, economic activity, energy	Non-fiction: write an information text for a gallery Curriculum Link North America – New York
Science	Earth and Space Layout of the Solar System Rotation of the Earth Orbits Day/night		Forces Impacts of gravity, air resistance, water resistance and friction. Pulleys/Gears		Animals inc humans Lifecycles Changes in humans from baby to old age	Properties and Changes of Materials Reversible and irreversible changes Solids, liquids and gases
	Working scientifically throughout the year					
History	The Space Race How space exploration has developed		The Vikings The Viking/Anglo Saxon Struggle		The Ancient Greeks The influence of the Ancient Greeks	
Geography	What is life like in the Alps? How the Alps are different to our local area.		Where does our energy come from? Comparison between the U.K and the U.S.A’s energy production and exploring reasons why.		Would you like to live in the desert? Physical features of deserts, how they can be useful to humans and the threats they face.	

Computing	Physical Computing (Information Technology, Digital Literacy and Computer Science) Microbits		Programming Selection- Scratch		Digital Literacy Systems, data and information	
	Online safety throughout the year through Hearts and Minds					
RE	Why do people have to stand up for what they believe in? Learning about religious freedom	Why doesn't Christianity always look the same? Exploring why Christian beliefs look different in the U.K and across the world.	What happens when we die? (Part 1) Interpreting different sources of wisdom and beliefs about what happens when we die.	What happens when we die? (Part 2) Comparison of the ideas of reincarnation and karma with the ideas studied in part 1.	Who should get to be in charge? Exploring the ways religious leadership and authority are determined.	Why are some places in the world significant to believers? Investigating why some places are significant to some religions and what these can tell us about other beliefs and cultures.
Art & Design	Peter Thorpe Drawing and painting		Hew Locke Drawing and painting		Making a Lyre- Ancient Greeks 3D sculpture Artist TBC	
Design Technology	Cooking and nutrition- Astronaut food Design and make a snack for an astronaut		Digital systems Monitoring devices- 3D CAD skills	Mechanical Systems Make a pop up book	Structures Building a wooden truss bridge	
PE	Gymnastics, Yoga and Netball		Football and Cricket		Athletics and Swimming	
Music	Composition notation	Blues	South and West Africa	Composition to represent the festival of colour	Looping and remixing	Musical theatre

		Singing- Christmas production				Singing- Summer production
Hearts and Minds	No Bystanders School Council Fairness Meet your Brain Teamwork Exploring Identity Online Safety	Curiosity Considering Consequences Meet your brain Resilience PANTS are private Celebration Justifying actions	Stranger danger Celebrate Consider responses to Racism Appreciate Road safety	Online safety Helping others Christopher Winter Relate	Relate Engage Friendship Christopher Winter Online Safety	Online safety Road safety Engage Expressing our opinions