

YEAR 6 LONG TERM PLANNING THEMES 2024-2025

SUBJECT	AUTUMN1	AUTUMN2	SPRING1	SPRING2	SUMMER1	SUMMER2
TOPIC	On our doorstep		On our doorstep and on the move		Charles Darwin – evolution and inheritance	Carl Linnaeus – living things in their habitats
ENGLISH	<p>Narrative – rewrite character/setting of someone leaving home (Story like the Wind) Descriptive setting (Secret Garden) Explanation (Heart & Vacuum cleaner) LIMERENCE acrostic. Create their acrostic – Booked</p>	<p>Narrative – (including dialogue to convey character to advance action)- World’s End Hound of the Baskervilles: Letter – formal/inform/require from the Baskervilles to Sherlock Holmes Narrative – Writing own version of an extract (setting) Hound of the Baskervilles Letter – persuade character to understand why he has left (Snow Goose)</p>	<p>Narrative – ghost story Flaxman Low (extract) What happens next...senses Interview – Flaxman Low questions and response Advert – call for Flaxman Low UFO sighting narrative (friend going round to tell another friend)</p>	<p>Argument biased argument about continuing school uniform Instructions/ explanation – invent a futuristic mode of transport Performance poetry – rap linked to futuristic mode of transport Tweet</p>	<p>Brochure – Leaflet to persuade people to visit the Charles Darwin Museum) Personification of days of the week – character descriptions plus Friday meets Monday Letter (formal) inviting Charles Darwin to visit to enhance education</p>	<p>Narrative including dialogue – While the storm rages – piece to convey character and another to advance action Trust event – speech writing Poetry – Classical (The Caged Bird)</p>
Reading	<p>A like the wind by Gill Lewis Booked by Kwame Alexander</p>	<p>Clockwork by Philip Pullman The Snow Goose by Paul Gallico</p>	<p>Beowulf by Kevin Crossley-Holland</p>	<p>Rose Blanche by Ian McEwan</p>	<p>On the Origin of Species by Sabina Radeva Empire’s End by Leila Rasheed</p>	<p>Empire’s End by Leila Rasheed The Story of Captain Nemo by Dave Eggars</p>
MATHS	<p>1. Use knowledge of part-part-whole structure to solve additive problems (10 sessions) 2. Use equivalence and compensation to simplify and solve subtraction problems (10 sessions) 3. Use equivalence and compensation to simplify and solve subtraction problems (10 sessions) 4. Multiples of 1,000 (10 sessions)</p>	<p>5. Understand place value within numbers with up to 7 digits (5 sessions) 6. Order, compare and calculate with numbers up to 8 digits (10 sessions) 7. Rounding and solving problems with numbers up to 7 digits (5 sessions) 8. Draw, compose and decompose shapes (10 sessions) 9. Using equivalence to calculate (5 sessions)</p>	<p>10. Multiplying and dividing by 2-digit numbers (15 sessions) 11. Area, perimeter, position and direction (10 sessions) 12. Addition and subtraction of fractions (10 sessions)</p>	<p>12. Addition and subtraction of fractions (10 sessions continued) 13. Comparing fractions (5 sessions) 14. Multiplication and division of fractions (5 sessions) 15. Understanding percentages (10 sessions) 16. Statistics (5 sessions)</p>	<p>17. Ratio and proportion (10 sessions) 18. Calculating using knowledge of equivalence in addition and subtraction (5 sessions) 19. Solving problems with two unknowns (10 sessions)</p>	<p>19. Solving problems with two unknowns (10 sessions) 20. Order of operations (5 sessions) 21. Mean average (5 sessions)</p>

<p style="text-align: center;">SCIENCE</p> <p style="text-align: center;">Use PLAN resources</p>	<p>Biology: Animals including humans Heart and circulation</p> <ul style="list-style-type: none"> • identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood • recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function • describe the ways in which nutrients and water are transported within animals, including humans 	<p>Physics: Light</p> <ul style="list-style-type: none"> • recognise that light appears to travel in straight lines use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye • explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes • use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them. 	<p>Physics: Electricity</p> <ul style="list-style-type: none"> • associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit • compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches • use recognised symbols when representing a simple circuit in a diagram. 		<p>Biology: Evolution and inheritance – linked to ‘book study On the Origin of Species’ by Sabina Radiva</p> <ul style="list-style-type: none"> • recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago • recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents • identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution 	<p>Biology: Living things in their habitats –</p> <ul style="list-style-type: none"> • describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including microorganisms, plants and animals • give reasons for classifying plants and animals based on specific characteristics
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<p>COMPUTING</p>	<p>Unit 6.2 Online Safety Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content</p>	<p>Unit 6.1 6.5 6.8 - Scratch Design, write and debug programs that accomplish specific goals. Use sequence, selection and repetition in programs; Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs</p>	<p>Units 6.1 6.5 6.8 Scratch Use sequence, selection and repetition in programs; work with variables and various forms of input and output.</p>	<p>Unit 6.2 6.4 6.6 Understand computer networks, including the Internet; how they can provide multiple services, such as the World Wide Web; and the opportunities they offer for communication and collaboration.</p>	<p>Units 6.1 6.3 6.4 6.5 6.7 6.8 6.9 – ongoing across curriculum Blogs, word, powerpoint Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.</p>	<p>Units 6.1 6.5 covers DT Microbit Use sequence, selection and repetition in programs; work with variables and various forms of input and output.</p>	<p>Unit 6.9 Spreadsheets Excel</p>
<p>HISTORY</p>			<p>The Windrush and how the first Caribbean settlers in London, discrimination and riots</p>	<p>Local study on the significance of transport: development of canals; the importance of the first railways and improvements to the road network. Explore how transport has changed historically in locality and impacted on lives; and ways the community in Holmes Chapel and surrounding areas has changed and developed since the Middle Ages and the industrial revolution to the present day.</p>			
<p>GEOGRAPHY</p>	<p>The regions of the United Kingdom - On our doorstep! The counties and cities of UK, geographical regions and their human and physical characteristics, key topological features and land-use patterns.</p>						

D.T			Textiles: Christmas stockings (3 weeks) Design a stocking using CAD (MSWord) to give as a gift to someone they care for. Cut out a paper template, cut fabric, stitch design, stitch seams, evaluate if meets design brief	Food tech – Portioning Regional foods Glamorgan Sausages with different cheeses			Control/computing Knex Work in teams to build a fairground ride. Program fairground ride using Knex software.	
ART and DESIGN		Light and shadow – texture of surfaces Hues, tint, tone, and mood – colour to express feelings – travel poster front cover Drawing – Drawing Christmas baubles – creating a surface using curved lines and pen drawn patterns. Interpret the texture of a surface		Tone and shades – Still life – shells. Skills, wooden bowl, flowers in a jar Concept of perspective - Drawing of Twemlow Viaduct in pencil using tone and shade Industrial pictures – pen and ink a close-up of Stephenson’s rocket	Lino printing - Builds up drawings and images of whole or parts of items using various techniques -Explore printing techniques used by various artists Texture - Develops experience in embellishing -Applies knowledge of different techniques to express feelings -Work collaboratively on a larger scale Develop a fabric design based on work of Althea Nash (one day???? With designing done before) Groups of 3 -4 chn and work across year group		Life drawing Observational drawings of people – increasing accuracy Wire sculptures of figures (do step by step eg arms and twist, then legs) Based on Giacometti	Abstract art Jean Miro Bridget Riley Frank Bowling (Hues, tint, tone, shades and mood – colour to express feelings)
MUSIC			Unit 2: Journeys			Unit 3: Growth	Unit 4: Roots plus end of year performance with singing in small groups, pairs and large groups	

MFL		Les vêtements Clothes	Verbs and grammar/ project work Christmas in Francophone countries	Chez Moi At home		À L'École At school	
PHYSICAL EDUCATION	Indoor	Health Related Fitness	Boccia/Kurling	Dance – British Values (4 weeks)	Gymnastics - Flight	Gymnastics – Group and Sequencing	Badminton
	Outdoor	Football	Basketball	Netball	Tag Rugby	Cricket	Athletics Adventurous Activities Team Building (R)
RELIGIOUS EDUCATION		Theme: Beliefs and practices KQ: What is the best way for a Muslim to show commitment to God?	Theme: Christmas Do Christmas celebrations and traditions help Christians understand who Jesus was and why he was born	Theme: Beliefs and Meaning KQ: Is anything ever eternal?	Theme: Easter KQ: Is Christianity still a strong religion 2000 years after Jesus was on Earth?	Theme: Beliefs and moral values KQ: Does belief in Akhirah (life after death) help Muslims lead good lives?	
PSHE		ESAFETY – digital wellbeing How do friendships change as we grow? Relationships How can the media influence people? Body confidence		How can the media influence people? British Values		How can drugs common to everyday life affect health? What will change as we become more independent? How do friendships change as we grow?	
VISITS				Field trip to look at Twemlow Viaduct - make field sketches and take photos of it in the landscape 3-4 field sketches of the viaduct, valley, river Dane One class each day with NW and DM			Residential
OTHER		8	7	6	6	5	7