

Year 5 Long Term Curriculum Overview

Year 5	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English 	Vehicle Text- When We Walked on the Moon by Davis Long Writing Outcomes: Narrative- exploration narrative Reading: Ready Steady Read Together Focus Book: Wonder RJ Palacio Non-fiction Links and opportunities for disciplinary reading: The Secrets of Stonehenge- Mick Manning Stone Age to Iron Age History Detective Investigates- Clare Hibbert	Vehicle Text- FARThER Grahame Baker-Smith Writing Outcomes: Immerse in setting narrative before writing recount- letter Reading: Ready Steady Read Together Focus Book: Wonder RJ Palacio Non-fiction Links and opportunities for disciplinary reading: Wild Animals of the South- Dieter Braun Rainforests in 30 Seconds- DR. Jen Green	Vehicle Text- The Hound of the Baskervilles- Sir Arthur Conan Doyle Writing Outcomes: Narrative- cliff hanger Reading: Ready Steady Read Together Author Focus- Frank Cottrell Boyce- The Unforgotten Coat Non-fiction Links and opportunities for disciplinary reading: Men, Women and Children in Anglo - Saxon Times- Jane Bingham The Vikings- History Detective Investigates- Clare Hibbert The Anglo Saxons are Coming! Paul Mason	Vehicle Text- The Promise- Nicola Davies & Laura Carlin Writing Outcomes: Narrative- character narrative Reading: Ready Steady Read Together Author Focus- Frank Cottrell Boyce- The Unforgotten Coat Non-fiction Links and opportunities for disciplinary reading: Discover and Learn- United Kingdom the Study Book- CGP The World Around Me- Charlotte Guillain Illuminatlas Kate Davis	Vehicle Text- The Lost Book of Adventure- Unknown Adventurer & Teddy Keen Writing Outcomes: Immerse in survival narrative before writing an explanation- survival guide Reading: Ready Steady Read Together Book Focus- Mitch Johnson- Kick Non-fiction Links and opportunities for disciplinary reading: Welcome to the Museum Historium- Richard Wilkinson and Jo Nelson The History of The Mayan Empire The Daily Life of a Mayan Family	Vehicle Text- King Kong- Anthony Browne Writing Outcomes: Immerse in dilemma narrative before writing a discussion- balanced argument Reading: Ready Steady Read Together Book Focus- Mitch Johnson- Kick Non-fiction Links and opportunities for disciplinary reading: Shocking Electricity- Horrible Science- Tony De Saulles Where Does Lightning Come From? Anna Claybourne Gravity is a Mystery Franklyn M Branley Simple machines Baby professor

	Stone Age Hunters and Gathers- Marcia Williams Ground Breaking Scientist -A P Miller Solar System for Kids Hilary Statum Our neighbourhood: The Solar System- Jesper Nova Grand Tour of The Solar System- Dr Maggie Aderin-Pocock Planetarium- - Richard Wilkinson and Jo Nelson Mae Among the Stars- Roda Ahmed	Climate Crisis for Beginners- Usborne	Anglo Saxons Jane Bingham Life Cycles- DK Round and Round it Goes Baby Professor Explore Life cycles set Joseph Anthony		Aztecs , Incas and Mayans Similarities and differences	Physics for Curious Kids Laura Baker Cool Engineering Jenny Jacoby and Jem Venn Horrible Science Shocking Electricity Nick Arnold
Maths 	Basic Skills: Fluent in Five Number and Place Value: Numbers to 1,000,000 Calculations: Addition and Subtraction.	Basic Skills: Fluent in Five Calculations: Multiplication and Division Calculations: Word Problems Statistics: Graphs	Basic Skills: Fluent in Five FDP: Fractions FDP: Decimals	Basic Skills: Fluent in Five FDP: Percentages Geometry – Properties of Shapes: Geometry	Basic Skills: Fluent in Five Geometry – Position and Direction: Position and Movement Measurement: Measurements Measurement: Area and Perimeter	Basic Skills: Fluent in Five Measurement: Volume Number and Place Value: Roman Numerals

Science	Earth and Space -describe the movement of the Earth and other planets relative to the sun in the solar system -describe the movement of the moon relative to the Earth -describe the sun, Earth and moon as approximately spherical bodies -use the idea of the Earth’s rotation to explain day and night and the apparent movement of the sun across the sky		Living things and their habitats -describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird -describe the life process of reproduction in some plants and animals		Animals Inc. Humans -describe the changes as humans develop to old age		Forces -explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object -identify the effects of air resistance, water resistance and friction, that act between moving surfaces -recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect		Properties and changes of materials -compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets - know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution -use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating		
	RE- Come and See	Domestic Church-family Ourselves Created in the image & likeness of God	Baptism/confirmation belonging Life choices Marriage commitment and service	Advent/Christmas loving Hope Advent; waiting in joyful hope for Jesus; the promised one	Local church community Mission Continuing Jesus’ mission in diocese [ecumenism]	Eucharist relating Memorial sacrifice The Eucharist the living memorial of Jesus’ sacrifice	Lent/Easter giving Sacrifice Lent a time of aligning with the sacrifice already made by Jesus		Pentecost serving Transformation Celebration of the Spirit’s transforming power	Reconciliation Inter-relating Freedom & responsibility Commandments enable Christians to be free & responsible	Universal Church world Stewardship The Church is called to the stewardship of Creation

History and Geography	History Changes in Britain from Stone age to Iron Age	Geography- Biomes Climates Zones & Vegetation	History- the Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor	Geography- mapping and fieldwork (Lunt Meadows) comparison in another locality (Wirral country park/Delamere forest)	History- a non-European society that provides contrasts with British history Mayan civilization	Geography- The distribution of natural resources including energy, food, minerals and water Economic activity Why are Liverpool docks so important?
PSHE 	Changes in friendship *Safeguarding Importance of friends and feeling lonely. Effective communication and knowing the difference between teasing and bullying	Fake news What is fake news and clickbait techniques Critically examinations of social media Anti-bullying week	Bereavement and loss *Safeguarding Emotions Life and loss- cultural differences Grief and loss Mental health awareness week	Body image *Safeguarding Self-respect Respecting others Mental health exploration of trends and fashions relating to body image Debating positive body image campaign	Puberty *Safeguarding Changing bodies Physical and emotional changes to each sex	Life in plastic What improves and harms the environment Single use plastics Reduce, recycle and reuse within school and community
Journey in Love	Social and emotional To show knowledge and understanding of emotional relationships changes as we grow and develop		Physical To show knowledge and understanding of all physical changes in puberty.		Spiritual Celebrate the joy of growing physically and spiritually	
PE 	Football	Gymnastics Vault and Apparatus LFC Coach	Swimming	Swimming	Swimming	Swimming

Art & DT 	DT Cooking and Nutrition: Developing a Recipe- Researching and modifying a traditional bolognese sauce recipe to improve the nutritional value before then cooking an adapted version and creating packaging that fits a given design criteria. Learning where beef comes from.	Art – Painting Henri Rousseau	DT- Mechanical systems Making a pop-up book Creating a four-page pop-up story book design, incorporating a range of functional mechanisms that use levers, sliders, layers and spacers to give the illusion of movement through interaction.	Art- Sculpture Animal sculptures using recycled materials. Faith Bebington	DT- electrical systems – Doodlers: Further exploring series circuits and and introducing motors. Pupils investigate existing products and use their problem-solving skills to establish how they think the products have been constructed, before then creating their own doodler.	Art Drawing Mayan Art, shading techniques. · Properties of shape and pattern in drawings.
Computing	<u>Information Technology</u> <u>CREATE AND SEARCH A DATABASE</u> -Be able to create and search a database	<u>Computer Science</u> <u>USING VARIABLES</u> -To apply what they know about Conditionals and to understand how variables are used in computer programming and to identify different types of variables.	<u>Computer Science</u> <u>CODING WITH MICROBITS</u> -To program a Micro:bit to make a variety of practical and useable devices, using a block based programming environment	<u>Information Technology</u> <u>STOP MOTION ANIMATION</u> -Pupils will create animations across a range of websites.	<u>Computer Science</u> <u>THE INTERNET & THE WORLD WIDE WEB</u> -To understand how the Internet works, how the World Wide Web works and how one relies upon the other to function <i>Digital Literacy; Pupils learn what an online footprint is and the reasons technology holds onto your information. Link to PSHE</i>	<u>Information Technology</u> <u>3D MODELLING</u> -To create a 3D model linked to a class topic

Music	Children will be encouraged to learn to sing songs with verses and a chorus. They will learn to read and play semi quavers as well as improvise over drone.	Listening and Appraising. Why we sing. This listening unit is based around the Gospel song <i>Why we sing</i> by Kirk Franklin. The song originally comes from the album <i>Kirk Franklin and the Family</i> from 1993, however this activity is based around a live video recording from inside a church, with a congregation. The video is a good starting point for talking about the places where we make music, and the differences between performing for an audience and singing as a part of worship or celebration. Activity in the unit will explore other examples of Gospel music and gives opportunities for developing singing in a Gospel style.	Children will be encouraged to learn to sing rounds and perform them in three parts. They will learn how to understand difference between different time signatures and improvise over a simple groove.	Listening and Appraising. Época by Gotan Project. This unit is based upon <i>Época</i> by Gotan Project. With four prominent parts that are sufficiently different that the ear can track them, the piece offers a tangible way in to exploring texture in music. The activities ‘unpack’ each of the four parts and through movement explore their articulation and rhythm. The unit culminates in bringing all four parts together to create a physical representation of the music, revealing the interaction and complementary nature of the individual textures.	Children will be encouraged to learn to sing partner songs together. They will read and play from staff notation; one of three parts being performed simultaneously. The children will also compose melodies from pairs of phrases.	Listening and Appraising. Balinese music – gamelan beleganjur and kecak. This unit explores the music of Bali through two dynamic musical forms: gamelan beleganjur – a lively kind of percussion music originally performed during battle – and the kecak vocal chant. Children will learn about the history and context of both forms, develop an understanding of the repeating cycles that structure almost all Balinese music.
MFL	Self, family and friends Further body parts Illness – sentences to say where pain is	School life Clothes (uniform) + adjectival agreement of colours	The world around us Modes of transport How you travel to places and why (complex sentences) Use of the negative	Animals and home environment Rooms in the house (6) Cache cache cochons story + bedroom furniture	Leisure Family members More hobbies (including musical instruments) - complex sentences combining family members,	Summer Countries, flags (+colours) and nationalities (adjectival agreement)

	More family members Giant turnip story (performance: sentences increasing in length throughout Number: 1-69 (all operations)	Get dressed Robert story (listening comprehension) Time quarter past and quarter to Number: 1 –69 counting in 2s, 5s and 10s Clothing linked to Christmas	Number: x10 to 100	Prepositions (longer sentences describing furniture position in rooms in the house) Number Fr: 70-79/Sp: 1-100 Fr + Sp: multiples of 10 to 100 (read/write)	opinion, hobbies and more justifications in the third person Number: 1-100 Sp/80 - 100 Fr	Magic carpet story (independent reading of familiar opinion/weather phrases) Number: 1-100 in/out of sequence
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