


Lowe's Wong Anglican/ Methodist Junior School

Topic Overview – Year 3

	Spring 1 Objectives	Vocabulary	
Topic	Heroes and Villains		
Values	Perseverance		
Enrichment (Visits and visitors)	Visit to Southwell Fire Station		
English Quality text	The Story of the Lost Happy Endings by Carol Anne Duffy, Baba Yaga		
English Writing genres	Instruction; Traditional story	See English Progression document.	
Maths	<u>Multiplication & Division</u> <ul style="list-style-type: none"> • Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables • Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods • Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects <u>Measurement</u> <ul style="list-style-type: none"> • Measure, compare, add and subtract: lengths (m/cm/mm); • Measure the perimeter of simple 2D shapes 	<p>We follow the White Rose Maths Scheme, as well as Fluency Bee in Year 3, and Mastering Number KS2 in Years 4, 5 and 6 to support children's mathematical fluency.</p> <p>Therefore, we use the mathematically accurate vocabulary exemplified in the White Rose Maths Schemes.</p>	
Science	Animals, incl. humans - nutrition <ul style="list-style-type: none"> • Understand that animals, including humans, cannot make their own food and that they get nutrition from what they eat; • Classify foods into the food groups according to the Eat Well Plate; • Identify that animals, including humans, need the right types and amount of nutrition; 	balanced diet brain carbohydrates carnivore diet	herbivore minerals movement muscles nutrition

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	<ul style="list-style-type: none"> • Compare the nutrition of different meals and consider how they keep us healthy; • Understand healthy choices about fat and sugar (Jigsaw); • Compare and contrast the diets of different animals (including their pets) and decide ways of grouping them according to what they eat <p>Working scientifically</p> <ul style="list-style-type: none"> • Gather, classify, record and present data in a variety of ways to help in answering questions 	dietary restrictions fat fibre heart healthy	nutrients omnivore protein vitamins water
History	(Not taught in this topic)		
Geography	<p>Volcanoes and Earthquakes</p> <ul style="list-style-type: none"> • What is beneath our feet? • What are earthquakes and how do they occur? • What are volcanoes and how are they formed? • Where are volcanoes located? • Why do people live near volcanoes? <p>What is it like to live near a volcano?</p>	ash ash cloud crater conduit earthquake epicentre eruption fertile soil flank	magma magma chamber magnitude minerals Richter scale seismic waves seismometer tectonic plates tourism
Art and Design (artist)	<p>Investigate – Roy Lichtenstein and Pop Art</p> <p>Explore – paint, comic books and Pop Art techniques; primary and secondary colours, hot and cold colours</p> <p>Create – a comic style Pop Art onomatopoeia</p> <p>Reflect – evaluate final piece</p>	Ben Day dots Pop Art primary secondary tertiary warm cool neutral	

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		colour mixing	
Design Technology	(Not taught in this topic)		
Computing	<u>Branching Databases (NCCE 3.3)</u> <ul style="list-style-type: none"> • Explore and create yes/ no questions to separate a group • Select attributes and create tree structures • Use an online tool to arrange objects and write questions to create a branching database, and check it through testing • Structure an efficient branching database considering the sequence and choice of yes/no questions • Independently create and evaluate a branching database • Compare two ways of presenting information (branching databases and pictograms) 	See separate computing language document	
RE	<u>Heroes of Faith (Christianity & Islam)</u> <ul style="list-style-type: none"> • Consider promises/ covenants made between God and his people • Consider what it was like for Abraham and Sarah to follow God • Show empathy for Moses at various parts of his story • Link Moses's feelings to children's own experiences • Consider why Muhammad (pbuh) is important to the Islamic faith • Consider why Jesus is a hero of the Christian faith 	Bible Old Testament Bible timeline/ Big Frieze People of Faith Covenant Promise Agreements Commands Consequences Nations	Obedience Islam Muslims Mohammed (pbuh) respect Prophet Leader Qualities inspire Wilderness Miracles Gospel
RSHE/PSHE	<u>Dreams and goals</u> <ul style="list-style-type: none"> • <u>PIT Day</u> – The Barnabus Project • Explore themes of perseverance, resilience, perfection, FAIL, learning ladders • <u>Jigsaw</u> • Exploring people who have overcome challenges • Identifying dreams and goals • Tackling a group challenge by breaking the goal into achievable steps, staying motivated and enthusiastic, overcoming challenges and evaluating outcomes and learning 	The PIT Perseverance resilience Challenges Success Obstacles Dreams Goals Ambitions Future	Team work Design Cooperation Motivated Enthusiastic Excited Efficient Responsible Frustration Solution Evaluate

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PE	<p>High 5</p> <ul style="list-style-type: none"> • Demonstrate changes of direction and speed • Use fundamentals of movement to employ simple tactics in varied environments <p>Compete in a team game, communicating with others and using tactics</p> <p>Circuit training</p> <ul style="list-style-type: none"> • A range of techniques can be used to throw, run and jump with increasing accuracy and competence. 	<p>Pass, receive, intercept, chest pass bounce pass, overhead pass pivot, footwork, foot fault dodging, dummy</p> <p>Contract, relax, heart, lungs, cardiovascular, strength, core, oxygen, carbon dioxide, abdominals, pectorals, biceps, triceps, quadriceps, hamstrings, calves, circulatory</p>
MFL Spanish	<p><u>Colours</u></p> <p><u>Speaking and listening</u></p> <ul style="list-style-type: none"> • Perform actions to a Spanish song • Know how to pronounce the letter j in Spanish • <i>Re-visit grapheme – z - ll</i> Introduce grapheme –j • Read familiar words with accurate pronunciation • Ask and answer a question <p><u>Reading and writing</u></p> <ul style="list-style-type: none"> • Record short sentences describing Elmer, using the verb ser • Experiment with writing by producing short sentences using verb, adjective and connective • Use a range of adjectives to give description, with correct punctuation. <p><u>Grammar</u></p> <ul style="list-style-type: none"> • Introduction to key verb ser 	<p>Rojo, azul, blanco, negro, verde, amarillo, naranja, rosa, gris, marrón, morado</p> <p>Verb – ser Elmer es – Elmer is Connective – y (and)</p>
Music (one class for half a term,	<p><u>Pentatonic melodies and composition</u></p> <ul style="list-style-type: none"> • Learn about the music used to celebrate the Chinese New Year festival • Play a pentatonic melody 	<p>Pentatonic scale Tempo Crescendo Dynamics</p>

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then repeated
with other class)

- Write and perform a pentatonic melody
- Perform a group composition
- Perform a piece of music as a group

Timbre
duration

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