


Lowe's Wong Anglican/ Methodist Junior School

Topic Overview – Year 4

	Autumn 1 Objectives	Vocabulary
Topic	Potions	
Values	Kindness, Thankfulness	
Enrichment (Visits and visitors)		
English Quality text	George's Marvellous Medicine Professor Puffendorf Once Upon a Raindrop : The Journey of Water	
English Writing genres	Narrative - Character Description - charFactual Tour	See English Progression document.
Maths	<u>Place value</u> Represent numbers to 1000 Partition numbers to 1000 Number-lines to 1000 Thousands Represent numbers to 10,000 Partition numbers to 10,000 Flexible partitioning of numbers to 10,000 Find 1, 10, 100, 1000 more or less Number-line to 10,000 Estimate on a number-line to 10,000 Compare numbers to 10,000 Order numbers to 10,000 Roman numerals Round to the nearest 10 Round to the nearest 100 Round to the nearest 1000 Round to the nearest 10, 100 or 1000	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. Therefore, we use the mathematically accurate vocabulary exemplified in the White Rose Maths Schemes.

Loving, learning and shining together

Respect Honesty Kindness Thankfulness Forgiveness Perseverance

Lowe's Wong Anglican/ Methodist Junior School

	<p><u>Addition and subtraction</u></p> <ul style="list-style-type: none"> • Add and subtract 1s, 10s, 100s and 1000s • Add up to two 4-digit numbers (no exchanges) • Add two 4-digit numbers (one exchange) • Add two 4-digit numbers (more than one exchange) • Subtract two 4-digit numbers (no exchanges) • Subtract two 4-digit numbers (one exchange) • Subtract two 4-digit numbers (more than one exchange) • Efficient Subtraction • Estimate Answers • Checking Strategies 	
Science	<p><u>States of Matter</u></p> <ul style="list-style-type: none"> • What is everything made from? • How can we identify whether matter is solid, liquid or gas? • Can matter change state? • To research the temperature at which some solids change state • To make predictions from data • To demonstrate what we have learnt about solids, liquids and gases 	<p style="text-align: center;">Atom Capacity Condense Dangerous Density Evaluate Evaporate Experiment Freeze Gas Liquid Melt Mixture Molecules Particles Potion Predict Process Properties Reaction Record</p>

Loving, learning and shining together

Respect Honesty Kindness Thankfulness Forgiveness Perseverance

Lowe's Wong Anglican/ Methodist Junior School

		Solid State Temperature Viscosity Volume
History	(Not taught in this topic)	
Geography	<u>Water Cycle</u> Enquiry Questions/Learning Objectives: <ul style="list-style-type: none"> • Why is the water cycle called a cycle? • How is the water cycle connected to weather patterns? • To understand key vocabulary of the water cycle. • To identify the part played by condensation and evaporation in the water cycle. • To show understanding of the water cycle. 	condensation evaporation ground water store infiltration precipitation surface run-off transpiration warm air rises water cycle
Art and Design (artist)	<u>Clay Potion Containers</u> Investigate: Shio Kusaka Explore: Tonal Shading and Clay Create: Sketches of Potion Bottles and Make Clay Potion Vessels Reflect: Evaluate Potion Vessels	line, pattern, texture, form, record, detail, question, observe, refine, light, dark, tone, shadow, line, pattern, texture, form, shape, tone, outline Structure, shape, mark, join
Design Technology	(Not taught in this topic)	
Computing	<u>The Internet</u> <ul style="list-style-type: none"> • Connecting Networks • What is the internet made of? • Sharing Information • What is a website? • Who owns the web? 	information internet network website World Wide Web E-safety

Loving, learning and shining together

Respect Honesty Kindness Thankfulness Forgiveness Perseverance

Lowe's Wong Anglican/ Methodist Junior School

	<ul style="list-style-type: none"> • Can I believe what I read? <p>E-Safety – We are Year 4 rule writers</p>	
RE	<p><u>The Gospel 'What kind of world did Jesus want?'</u></p> <p>Enquiry Questions:</p> <ul style="list-style-type: none"> • How can we make links between life then and now? • How do Christians act and feel to show they follow God? • Which qualities of Jesus would you recognize in others? • How is the Good Samaritan and the importance of charity linked? • What kind of world did Jesus want? 	<p>Jesus Disciples Follower Clergy Galilee Vicar Parable Samaritan Gospel Evangelist</p>
RSHE/PSHE	<p><u>Being in My World</u></p> <ul style="list-style-type: none"> • Becoming a class team • Being a school citizen • Rights, responsibilities and democracy • Rewards and consequences • Our Learning Charter • Owning our Learning Charter 	<p>Team Citizen Rights Responsibilities Democracy Rewards Consequences</p>
PE	<p>Tag Rugby, Swimming (for some classes, on a rota throughout the year)</p> <p><u>Tag Rugby</u></p> <ul style="list-style-type: none"> • Throwing and Catching • Moving and Dodging • Tagging • Intercepting • Attacking and Defending Tactics • Gameplay 	<p>Throw Catch Move Dodge Tag Intercept Position Attack Defend</p>

Loving, learning and shining together

Respect Honesty Kindness Thankfulness Forgiveness Perseverance

Lowe's Wong Anglican/ Methodist Junior School

	<p><u>Basketball</u></p> <ul style="list-style-type: none"> • Expert Dribbling • Skilful Passing • Footwork and pivoting • Keeping Possession • Smart Marking 	<p>Dribble Pass Skill Footwork Pivot Possession Mark</p>
<p>MFL Spanish</p>	<p><u>Parts of the body/Christmas</u> <i>Re-visit colours and numbers 0-10 from Y3</i></p> <p><u>Speaking and listening</u></p> <ul style="list-style-type: none"> • Listen to and follow a short story 'El monstruo' • Listen for specific words and phrases • Pronounce some words accurately • <i>Re-visit ll and z sound</i> • Identify sound of letters rr in Spanish • Ask how to say something in Spanish • Listen to and join in singing a Spanish song, devising actions to accompany the lyrics • Recite a nursery rhyme <p><u>Reading and writing</u></p> <ul style="list-style-type: none"> • Identify adjectives in a text and recognise that they can change spellings • Follow a short text as it is read aloud and demonstrate understanding of the text through drawing • Respond with single word or short phrase whilst reading a core text • Write sentences to describe the monster, following a model: El monstruo tiene tres brazos y dos piernas. El monstruo tiene una boca enorme y una nariz pequeña. <p><u>Grammar</u></p>	<p>Revision of colours from Y3 Parts of the body: Una cabeza, una nariz, unos dientes, unos ojos, una boca, unas orejas, el pelo La pierna, el pie, el estómago, la mano, el brazo (el hombro and la rodilla introduced for receptive use through song) Adjectives: grande, pequeño, gordo, largo, puntiagudo</p> <p>Asking for Spanish translation: ¿Cómo se dice... en español?</p> <p>tiene, también</p>

Loving, learning and shining together

Respect Honesty Kindness Thankfulness Forgiveness Perseverance

Lowe's Wong Anglican/ Methodist Junior School

	<ul style="list-style-type: none"> • <i>Re-visit concept that all nouns have a gender Y3, recognising masculine and feminine adjectives eg</i> pequeño/pequeña el/un and la/una • Understand position and agreement of adjectives 	
Music	<p><u>Rock and Roll</u></p> <ul style="list-style-type: none"> • understand the history of rock n roll • perform with a sense of style • play a walking bass line on tuned percussion • Play a rock n roll bassline • Play a rock n roll piece of music 	<p>Rock and roll Hand jive 1950s Tempo Dynamic Notation Style</p>

Loving, learning and shining together

Respect Honesty Kindness Thankfulness Forgiveness Perseverance