

# Year 3 Long Term Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	<b>Ratatouille</b>	<b>Lighting up the UK</b>	<b>Stone Age to Iron Age</b>	<b>Ancient Egypt</b>	<b>Earthquakes</b>	<b>Village Settlers</b>
<b>Key Texts</b>	The Abominables	The Iron Giant	Stig o' the Dump	Leopard's Claw There's a Pharoah in my Bath	Rainbow Boots	Funfair of Fear Journey - Wordless Picture Book
<b>English</b>	F: Portal Story NF: Persuasive report on visiting the country P: Postcard by Tony Langham	F: Suspense story NF: Explanation text – link to science. P: Diamond Poem Dawn – John Foster	NF: Instructions – How to Trap a stone giant F: Warning Story P: Bush Fire by Jackie Kay	F: Twisted Fairytales NF: News reports P: River Nile by Omar Ibrahim	F: Fantasy story NF: Instructions	F: Adventure story – from one village to another (focus on description/contrast of the places). NF: Discussion text P: It was Long Ago by Elenor Farjeon
<b>Maths</b>	<p><b>Number: Place Value</b></p> <ul style="list-style-type: none"> <li>• Hundreds.</li> <li>• Represent numbers to 1,000.</li> <li>• 100s, 10s and 1s (1).</li> <li>• Number line to 1,000.</li> <li>• Find 1, 10, 100 more or less than a given number.</li> <li>• Compare objects to 1,000.</li> <li>• Compare numbers to 1,000.</li> <li>• Order numbers.</li> <li>• Count in 50s</li> </ul> <p><b>Number: Addition and Subtraction</b></p> <ul style="list-style-type: none"> <li>• Add and subtract multiples of 100.</li> <li>• Add and subtract 3-digit numbers and ones –not crossing 10.</li> <li>• Add 3-digit and 1-digit numbers – crossing 10.</li> <li>• Subtract a 1-digit number from a 3-digit number – crossing 10.</li> <li>• Add and subtract 3-digit numbers and tens –not crossing 100.</li> <li>• Add a 3-digit number and tens – crossing 100.</li> <li>• Add and subtract 100s.</li> <li>• Spot the pattern – making it explicit.</li> <li>• Add and subtract a 2-digit and 3-digit number –not crossing 10 or 100.</li> <li>• Add a 2-digit and 3-digit number – crossing 10 or 100.</li> </ul>	<p><b>Number: Addition and Subtraction</b></p> <ul style="list-style-type: none"> <li>• Add two 3-digit numbers -not crossing 10 or 100.</li> <li>• Add two 3-digit numbers –crossing 10 or 100.</li> <li>• Subtract a 3 –digit number from a 3-digit number –no exchange.</li> <li>• Subtract a 3-digit number from a 3-digit number –exchange.</li> <li>• Exchange answers to calculations.</li> <li>• Check.</li> </ul> <p><b>Number: Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>• Multiplication –equal groups.</li> <li>• Multiplying by 3.</li> <li>• Dividing by 3.</li> <li>• The 3 times-table.</li> <li>• Multiplying by 4.</li> <li>• Dividing by 4.</li> <li>• The 4 times-table.</li> <li>• Multiplying by 8.</li> <li>• Dividing by 8.</li> <li>• The 8 times-table</li> </ul>	<p><b>Number: Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>• Comparing statements.</li> <li>• Related calculations.</li> <li>• Multiply 2-digits by 1-digit</li> <li>• Divide 2-digits by 1-digit</li> <li>• Scaling.</li> <li>• How many ways?</li> </ul> <p><b>Measurement: Money</b></p> <ul style="list-style-type: none"> <li>• Pounds and pence.</li> <li>• Converting pounds and pence.</li> <li>• Adding money.</li> <li>• Subtracting money.</li> <li>• Giving change.</li> </ul> <p><b>Statistics</b></p> <ul style="list-style-type: none"> <li>• Pictograms.</li> <li>• Bar charts.</li> <li>• Tables.</li> </ul>	<p><b>Measurement: Length and Perimeter</b></p> <ul style="list-style-type: none"> <li>• Measure length.</li> <li>• Equivalent lengths –m &amp; cm.</li> <li>• Equivalent lengths – mm &amp; cm.</li> <li>• Compare lengths.</li> <li>• Add lengths.</li> <li>• Subtraction lengths.</li> <li>• Measure perimeter.</li> <li>• Calculate perimeter.</li> </ul> <p><b>Number: Fractions</b></p> <ul style="list-style-type: none"> <li>• Unit and non-unit fractions.</li> <li>• Making the whole.</li> <li>• Tenths.</li> <li>• Count in tenths.</li> <li>• Tenths as decimals.</li> <li>• Fractions of a number line.</li> <li>• Fractions of a set of objects</li> </ul>	<p><b>Number: Fractions</b></p> <ul style="list-style-type: none"> <li>• Equivalent fractions</li> <li>• Compare fractions.</li> <li>• Order fractions.</li> <li>• Add fractions.</li> <li>• Subtract fractions</li> </ul> <p><b>Measurement: Time</b></p> <ul style="list-style-type: none"> <li>• Months and years.</li> <li>• Hours in a day.</li> <li>• Telling the time to 5 minutes.</li> <li>• Telling the time to the minute.</li> <li>• AM and PM.</li> <li>• 24 hour clock.</li> <li>• Finding the duration.</li> <li>• Comparing the duration.</li> <li>• Start and end times.</li> <li>• Measuring time in seconds</li> </ul> <p><b>Geometry: Property of Shape</b></p> <ul style="list-style-type: none"> <li>• Turns and angles.</li> <li>• Right angles in shapes.</li> <li>• Compare angles.</li> <li>• Draw accurately.</li> <li>• Horizontal and vertical.</li> <li>• Parallel and perpendicular.</li> <li>• Recognise and describe 2D shapes.</li> <li>• Recognise and describe 3D shapes.</li> <li>• Make 3D shapes.</li> </ul>	<p><b>Measurement: Mass and Capacity</b></p> <ul style="list-style-type: none"> <li>• Measure mass</li> <li>• Compare mass.</li> <li>• Add and subtract mass.</li> <li>• Measure capacity</li> <li>• Compare capacity.</li> <li>• Add and subtract capacity.</li> </ul>

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	<ul style="list-style-type: none"> <li>Subtract 2 -digit number from a 3-digit number cross the 10 or 100.</li> <li>Exchange answers to calculations.</li> </ul>					
Science	<b>Forces and magnets</b> Notice, observe and compare magnetic materials Predict which attract and repel	<b>Light and shadows</b> Notice and recognise light and shadows Find patterns with shadows	<b>Rocks</b> Compare and group rocks Describe fossil formation Recognise soil types	<b>Electricity</b> Identify and recognise electrical components Construct a simple circuit	<b>Plants</b> Identify and describe functions of plant parts Explore growth and life cycle Investigate water transportation	<b>Animals</b> Identify, name and label skeletons and muscles
History			<b>Stone Age –Iron Age</b> Changes in Britain from stone age to iron age	<b>Ancient Egyptians</b> Where and when the earliest civilizations appeared		<b>Anglo Saxons</b> A study of Anglo-Saxon life, an overview of why people settled in different places
Geography	<b>France-European Neighbours</b> <ul style="list-style-type: none"> <li>Locate the world's countries, using maps to focus on Europe</li> <li>Describe and understand key aspects of human geography</li> <li>Understand geographical similarities and differences</li> <li>Use maps, atlases and globes to locate countries</li> </ul>	<b>UK</b> Name and locate counties and cities of the UK Use maps, atlases and globes to locate countries			<b>Earning a living</b> <ul style="list-style-type: none"> <li>Name and locate counties and cities of the UK</li> <li>Identify the significance of longitude, latitude, equator etc</li> <li>Describe and understand key aspects of human geography including economic activity</li> </ul>	
RE	<b>What do signs and symbols mean in religion?</b> Explore symbolism in major religions	<b>What do we know about Jesus?</b> Explore the teachings and life of Jesus	<b>How and why do Hindus celebrate Diwali?</b> Introduction to Diwali	<b>Jewish Celebrations</b> Explore Jewish celebrations and why it is important	<b>What is the Bible and why is it important to Christians?</b> Introduction to the Bible and significant stories	<b>Islamic Rites of Passage</b> Introduction to Islam
PSHCE	<b>Health</b> Damage caused by drugs including why drugs cause damage Bacteria and viruses and their impact on health How simple routines can stop bacteria and germs spreading	<b>Risk</b> Strategies for keeping physically and emotionally safe including rail, water and fire safety People who are responsible for keeping us safe	<b>Relationships</b> Working collaboratively towards a shared goal Identify strategies for working together Resolving conflict including strategies	<b>Identity</b> What is unique about them? Change, including transition to different key stages and bereavement	<b>Economic</b> Role of money in people's lives Skills that make people 'enterprising' (what is meant by enterprise?)	<b>Citizenship</b> Consequences of anti-social behaviour Researching topical issues and giving recommendations
Art	<b>Portraits</b> Self portraits and recreate the Mona Lisa using pencils and paints		<b>Cave murals</b> Explore cave paintings and what marks can be made to produce own rock painting			<b>Batik</b> Explore patterns and the method of batik using wax and printing ink

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DT		<b>Moving Parts</b> Design own robot, sketch create and explore moving mechanisms		<b>Alarms</b> Explore circuits to create own where a buzzer alarms when the circuit is broken	<b>Food Tech</b> Design own smoothie-cut, peel, weigh and blend ingredients Understand food hygiene and safety	
Computing	<b>Online Safety</b> To know what makes a safe password  To understand how the Internet can be used to help us to communicate effectively	<b>Coding</b> Use technology safely and respectfully  Design, write and debug programs  Use sequence, selection and repetition in programs	<b>Spreadsheets</b> Create pie charts and bar graphs  Use 'more than', 'less than' and 'equals' tools	<b>Typing Email</b>  To improve the speed and efficiency of typing skills  Use logical reasoning to explain how some simple algorithms work and detect and correct errors	<b>Branching Databases</b> To sort objects using just YES/NO questions  To create a branching database	<b>Simulations</b> To explore a simulation  To analyse and evaluate a simulation
MfL	<b>Getting to Know You</b>  Say hello and goodbye and introduce themselves  Use different greetings for different situations  Ask and answer simple questions for each topic area.	<b>All About Me</b>  Ask and answer questions using the topic vocabulary  Read and write simple words  Say that un/une relate to masculine & feminine nouns	<b>Food! Glorious Food!</b>  Follow a story and join in the repeated parts  Say what foods from a set they like/dislike  Recognise the correct determiner depending on gender/number  Predict a repeated phrase	<b>Family and Friends</b>  Identify and introduce some of their relations  Name some common pets and recognise some rooms in their home	<b>Our School</b>  Listen and respond to topic vocabulary  Demonstrate understanding with actions  Write sentences converting le/la to un/une;	<b>Time</b>  Say and order the days of the week;  Say and order the months of the year  Count on from 11-31  Say their own birthday
PE	<b>OAA</b>  Take part in outdoor and adventurous activity challenges both individually and within a team	<b>Gymnastics</b>  Master basic movements including balance, agility and coordination  Begin to develop linking gymnastic movements together to form a routine  Develop flexibility, strength, technique, control and balance	<b>Dance</b>  Perform dances using a range of movement patterns  Create performances using the beat of 8  Develop flexibility, strength, technique, control and balance	<b>Tennis/ Badminton</b>  Play competitive games and apply basic principles suitable for attacking and defending  Using running, throwing and racket grip in isolation and in combination	<b>Frisbee</b>  Play competitive games, modified where appropriate and apply basic principles suitable for attacking and defending	<b>Athletics</b>  Using running, jumping, throwing in isolation and in combination  Develop jumping technique for distance
Music	<b>Let Your Spirit Fly</b>  Listen to and appraise different styles of music  Learn how to feel pulse and play different rhythms  Learn to sing the songs and play the instruments	<b>Ho! Ho! Ho!</b>  Listen to and appraise a range of African music  Learn how to feel pulse and play different rhythms  Learn to sing the songs and play the instruments	<b>Glockenspiel Stage 2</b>  Consolidate stage 1  Learn how to play a range of notes and play them within a piece of music  Learn a wider range of notes and play more complex pieces of music	<b>There was a Monkey-Benjamin Britten</b>  Listen to and appraise a range of Benjamin Britten's music  Learn how to feel pulse and play different rhythms and hear different pitches  Learn to sing the songs and play the instruments	<b>The Three Little Birds</b>  Listen to and appraise reggae music  Learn how to feel pulse and play different rhythms and hear different pitches  Learn to sing the songs and play the instruments	<b>Reflect, Rewind and Replay</b>  Consolidate various styles of music throughout the year