



# Long Term Overview

## Year 3



	Autumn 1 Body Business	Autumn 2 Ancient Egypt	Spring 1 Marvellous Merseyside	Spring 2	Summer 1 Meet the Greeks	Summer 2 Growing
<b>Mathematics</b>	<p style="text-align: center;"><b>Place Value</b></p> <ul style="list-style-type: none"> <li>Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number</li> <li>Identify, represent and estimate numbers using different representations</li> <li>Read and write numbers up to 1000 in numerals and in words</li> <li>Recognise the place value of each digit in a 3 digit number</li> <li>Compare and order numbers up to 1000</li> <li>Solve number problems and practical problems involving these ideas</li> </ul> <p style="text-align: center;"><b>Addition and subtraction</b></p>	<p style="text-align: center;"><b>Addition and subtractions</b></p> <ul style="list-style-type: none"> <li>Solve problems including missing number problems, using number facts, place value, and more complex addition and subtraction</li> </ul> <p style="text-align: center;"><b>Multiplication and division</b></p> <ul style="list-style-type: none"> <li>Recall and use multiplication and division facts for 3, 4 and 8</li> </ul>	<p style="text-align: center;"><b>Multiplication and division</b></p> <ul style="list-style-type: none"> <li>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</li> </ul>	<p style="text-align: center;"><b>Multiplication and division</b></p> <ul style="list-style-type: none"> <li>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</li> </ul> <p style="text-align: center;"><b>Money</b></p> <ul style="list-style-type: none"> <li>Add and subtract amounts of money to give change, using</li> </ul>	<p style="text-align: center;"><b>Fractions</b></p> <ul style="list-style-type: none"> <li>Recognise and show, using diagrams, equivalent fractions with small denominators</li> <li>Compare and order unit fractions, and fractions with the same denominator</li> <li>Add and subtract fractions with the same denominator within one whole</li> </ul>	<p style="text-align: center;"><b>Properties of shape</b></p> <ul style="list-style-type: none"> <li>Recognise angles as a property of a shape of a description of turn</li> <li>Identify right angles, recognise that two right angles make half a turn, three quarters of a turn and four a complete turn; identify whether</li> </ul>

	<ul style="list-style-type: none"> <li>Estimate the answer to a calculation and use the inverse operations to check</li> <li>Add and subtract numbers mentally, including: <ul style="list-style-type: none"> <li>Three -digit number and ones</li> <li>Three -digit number and tens</li> <li>Three- digit number and hundreds</li> </ul> </li> <li>Add and subtract numbers with up to three digits, using formal written methods</li> </ul> <p style="text-align: center;"><b>Statistics</b></p> <ul style="list-style-type: none"> <li>Interpret and present data using bar charts, pictograms and tables</li> <li>Solve one and two step problems</li> </ul>	<p>multiplication tables</p> <ul style="list-style-type: none"> <li>Write and calculate mathematical statements for multiplication and division using multiplication tables that they know, including for two-digit numbers times one - digit numbers, using mental and progressing to formal written methods</li> </ul> <p><b>Length and perimeter</b></p> <ul style="list-style-type: none"> <li>Measure, compare, add</li> </ul>	<p>m objects</p> <p><b>Money</b></p> <ul style="list-style-type: none"> <li>Add and subtract amounts of money to give change, using both £ and p in practical contexts</li> </ul> <p><b>Time</b></p> <ul style="list-style-type: none"> <li>Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock,</li> </ul>	<p>both £ and p in practical contexts</p> <p><b>Time</b></p> <ul style="list-style-type: none"> <li>Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m/p.m, afternoon, noon and midnight</li> <li>Know the number of seconds in a minute and the number of days in each month, year and leap year</li> <li>Compare durations of events</li> </ul>	<ul style="list-style-type: none"> <li>Solve problems that involve all of the statements</li> </ul> <p><b>Mass and capacity</b></p> <p>Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)</p>	<p>angles are greater than or less than a right angle</p> <ul style="list-style-type: none"> <li>Identify horizontal and vertical lines and pairs of perpendicular and vertical lines</li> <li>Draw 2D shapes</li> <li>Make 3-D shapes using modelling materials; recognise 3-d shapes in different orientations</li> </ul> <p><b>Mass and capacity</b></p> <ul style="list-style-type: none"> <li>Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g);</li> </ul>
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		<p>and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)</p> <ul style="list-style-type: none"><li>• Measure the perimeter of 2D shapes</li></ul>	<p>a.m/p.m, afternoon, noon and midnight</p> <ul style="list-style-type: none"><li>• Know the number of seconds in a minute and the number of days in each month, year and leap year</li><li>• Compare durations of events</li><li>• Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks</li></ul>	<ul style="list-style-type: none"><li>• Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks</li></ul>		<p>volume/capacity (l/ml)</p>
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<p><b>Literacy</b></p>	<p><b>Reading</b>  Author study: Roald Dahl and his work  Georges marvellous medicine and BFG  <b>Writing</b>  Book reviews  Writing alternative ending for GMM  Instructions  Character descriptions  <b>SPaG</b>  Phase 6 letters and sounds review  Capital letters  Full stops  Commas in a list  Exclamation marks  Word classes  <b>Spellings</b>  Spelling numbers  Phase 6 letters and sounds  <b>Handwriting</b>  use the diagonal and horizontal strokes that are needed to join letters and understand which letters,</p>	<p><b>Reading</b>  Egyptian Cinderella  Magic and the mummy  <b>Writing</b>  Diary entry  Fact files  Information text  Play scripts  <b>SPaG</b>  Writing in the past and present tense  Collective nouns  Irregular verbs  Pronouns  Adjectives  Similes  <b>Spellings</b>  Phase 6 letters and sounds  <b>Handwriting</b>  use the diagonal and horizontal strokes that are needed to join</p>		<p><b>Reading</b>  Roger McGough Poetry  Author Study: Anne Fine  Angel of Nitshell Road  Bill's New Frock  <b>Writing</b>  Non-chronological reports  Diary entry  Recounts  <b>SPaG</b>  Speech marks  Prepositions  Adverbs  Noun phrases  <b>Spelling</b>  Adding suffixes with vowel letters to words of more than one syllable  i' sound spelt y elsewhere than at the end of words  Sound spelt 'ou'  Prefixes  -dis  -mis  -in  -super  -anti  -auto</p>	<p><b>Reading</b>  Myths/legends  Fables  <b>Writing</b>  Writing own myth and fable  Newspapers  Recounts  <b>SPaG</b>  Main clauses  Subordinate clause  Expanded noun phrase  Writing a 2-clause phase  Subordinating conjunctions  Coordinating conjunctions  <b>Spelling</b>  Suffixes  -ation  -ous  -ly  Words with the sound spelt 'ch'</p>	<p><b>Reading</b>  Into the forest  <b>Writing</b>  Letters  Explanation text  <b>SPaG</b>  Homophones  Speech marks  <b>Spellings</b>  Homophones  Revision  <b>Handwriting</b>  Joined handwriting with the correct cursive style</p>

	when adjacent to one another, are best left un-joined	letters and understand which letters, when adjacent to one another, are best left un-joined	<b>Handwriting</b> use the diagonal and horizontal strokes that are needed to join letters and understand which letters, when adjacent to one another, are best left un-joined		(chef, chalet, machine) <b>Handwriting</b> Joined handwriting with the correct cursive style	
<b>Religious Education</b>	<b>Homes</b>  <b>Promises</b>	<b>Visitors</b>  <b>Hinduism</b>  <b>Judaism</b>	<b>Journeys</b>  <b>Listening and Sharing</b>	<b>Giving</b>	<b>Energy</b>  <b>Choices</b>	<b>Special places</b>
<b>Science</b>	<b>Animals including Humans</b> <ul style="list-style-type: none"> <li>identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat</li> <li>identify that humans and some other animals have skeletons and muscles for support, protection and movement</li> </ul>	<b>Magnets and Forces</b> <ul style="list-style-type: none"> <li>compare how things move on different surfaces</li> <li>notice that some forces need contact between 2 objects, but magnetic forces can act at a distance</li> </ul>	<b>Rocks and Soils</b> <ul style="list-style-type: none"> <li>compare and group together different kinds of rocks on the basis of their appearance and simple physical properties.</li> <li>describe in simple terms how fossils are formed when things that have lived are trapped within rock.</li> <li>recognise that soils are made from rocks and organic matter.</li> </ul>		<b>Light</b> <ul style="list-style-type: none"> <li>recognise that they need light in order to see things and that dark is the absence of light</li> <li>notice that light is reflected from surfaces</li> <li>recognise</li> </ul>	<b>Plants</b> <ul style="list-style-type: none"> <li>identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers</li> <li>explore the requirements of plants for life and</li> </ul>

		<ul style="list-style-type: none"><li>• observe how magnets attract or repel each other and attract some materials and not others</li><li>• compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials</li><li>• describe magnets as having 2 poles</li><li>• predict whether 2 magnets will attract or</li></ul>		<p>that light from the sun can be dangerous and that there are ways to protect their eyes</p> <ul style="list-style-type: none"><li>• recognise that shadows are formed when the light from a light source is blocked by a solid object</li><li>• find patterns in the way that the size of shadows change.</li></ul>	<p>growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant</p> <ul style="list-style-type: none"><li>• investigate the way in which water is transported within plants</li><li>• explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.</li></ul>
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		repel each other, depending on which poles are facing				
<b>Computing</b>	Unit 3.1: coding Unit 3.2: online safety	Unit 3.3: spreadsheets	Unit 3.4: touch typing Unit 3.5: email	Unit 3.6: branching databases	Unit 3.7: simulations Unit 3.8: graphing	Unit 3.9: presenting
<b>History</b>		Ancient Egypt			Ancient Greece	
<b>Geography</b>		Compare Egypt to UK Countries surrounding Egypt Egypt today	UK cites/countries Human and physical features of Merseyside Local study of St Helens		Compare Greece to UK today Physical features of Greece Climate of Greece	
<b>Art</b>	Exploring work of Arcimboldo	Egyptian art	Exploring the work of Antony Gormley		Greek Theatre masks	Exploring the work of Georgia O'Keefe
<b>Music</b>	Body Percussion		Exploring the work of the Beatles		Greek Music (song) and the pentatonic scale	
<b>Design Technology</b>	Healthy sandwiches	Designing packaging			Moving monsters	Moving Mobiles
<b>Physical</b>		Weather	<b>Symmetry and</b>	<b>Competitions</b>	<b>Cricket</b>	<b>Communication</b>

Education	Mindfulness Boccia	Game sense invasion	Asymmetry Handball	Tennis	Rounders	and tactics Athletics
<p><b>Happy, healthy me</b></p>	<p><b>Marvellous me</b></p> <ul style="list-style-type: none"> <li>• Understand I am valued at school</li> <li>• Explore feelings</li> <li>• Consider themselves physically and mentally</li> <li>• Practise calming down and problem solving</li> </ul> <p><b>Say no to bullying</b></p> <ul style="list-style-type: none"> <li>• What it is</li> <li>• How it feels</li> <li>• Why people bully</li> <li>• How to prevent it</li> <li>• Respond</li> <li>• To it</li> <li>• Use behavioural skills to tackle crucial behaviour</li> </ul> <p><b>Understanding differences</b></p> <p><b>British values</b></p>	<p><b>Working together</b></p> <ul style="list-style-type: none"> <li>• Recognise that the need to rely on and work with other people</li> <li>• Importance of tolerance and accepting one another</li> <li>• Conflict resolution</li> <li>• Seeing things from a different perspective</li> </ul> <p><b>Understanding discrimination</b></p>	<p><b>Find a solution to a problem</b></p>	<p><b>Being responsible</b></p> <ul style="list-style-type: none"> <li>• Using technology responsibly</li> <li>• Responsible for money</li> <li>• the world around them</li> <li>• think responsibly about drugs/alcohol/tobacco</li> </ul> <p><b>Use strategies to help someone who feels different</b></p>	<p><b>Good to me</b></p> <ul style="list-style-type: none"> <li>• self awareness</li> <li>• managing feelings</li> <li>• empathy</li> </ul> <p><b>To be welcoming</b></p>	<p><b>Relationship</b></p> <ul style="list-style-type: none"> <li>• Focusing on feelings</li> <li>• Relationships with family and friends</li> </ul> <p><b>Changes</b></p> <ul style="list-style-type: none"> <li>• Understanding different types of change positive and negative</li> </ul>



Languages		French		French		French
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