

# Long Term Plan 2016-2018

# St John's Lemsford



## Class 4 Year 5 & 6

## Cycle 1

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>English</b> Sentence level, grammar and spelling are taught throughout all the topics.  Reading is taught and embedded throughout the curriculum and in focused guided reading sessions	<b>Railway Children</b>  Read and write formal and informal letters Explanation texts Character profiles Newspaper reports Story writing Poetry reading, performance and writing	<b>Lewis Carroll</b>  Descriptive writing Formal writing Character profile Reading and writing play scripts Biographies Story synopsis Poetry reading, performance and writing	<b>Africa</b>  Report writing Character profiles Biographies Recounts Newspaper reports Book reviews Poetry reading, performance and writing	<b>Modern Fiction</b>  Non-fiction research Persuasive reading and writing Narrative stories and writing Diary writing Poetry reading, performance and writing	<b>Street Child</b>  Characterisation Formal report writing Non-fiction research Newspaper reports Story themes Narrative writing Recount Poetry reading, performance and writing	<b>The North Pole</b>  Non-fiction research Report writing Persuasive writing Narrative writing Recount - Diary writing Poetry reading, performance and writing
<b>Maths</b>	Y5 Place value to 1,000,000 Mental addition and subtraction Factors of numbers and prime numbers Using multiplication and division facts Angles Length, perimeter and area  Y6 Place value and rounding off Mental and written	Y5 Written methods for multiplication Divide 4-digit numbers Fractions and decimals: tenths and hundredths Decimals: tenths, hundredths, thousandths 2D and 3D shapes Tables and bar charts  Y6 Written methods for multiplication and division	Y5 Negative numbers, and solving problems involving numbers Addition and subtraction of large numbers and money Long multiplication, square numbers and cube numbers Adding and subtracting fractions Reflections and translations Mass	Y5 Addition and subtraction: mental and written methods for large numbers Multiplication and division: written methods Calculating with fractions Percentages Capacity Line graphs/comparative graphs  Y6	Y5 Negative numbers and Roman numerals Adding and subtracting large and small numbers Long multiplication and division with remainders Working with fractions Diagonals and problems involving angles Volume, time and money  Y6 Problems involving	Y5 Addition and subtraction of money Multiplication and division of money Decimals and fractions Problems involving percentages Perimeter, area and scale drawing Using tables, and line graphs  Y6 Solving problems involving money

	<p>addition and subtraction of large numbers</p> <p>Multiples, factors and prime numbers</p> <p>Written methods for multiplication and division: HTU <math>\times</math> TU and HTU <math>\times</math> U</p> <p>Circles and angles</p> <p>Units of measure</p>	<p>Comparing, ordering and simplifying fractions</p> <p>Multiplying decimals by 10, 100 and 1000</p> <p>Order of operations</p> <p>2D and 3D shapes</p> <p>Pie charts</p>	<p>Y6</p> <p>Negative numbers, and solving problems involving numbers</p> <p>Mental and written addition and subtraction of decimals and money</p> <p>Mental and written multiplication and division</p> <p>Calculating with fractions</p> <p>Reflections and translations on coordinate axes</p> <p>Perimeter, area and volume</p>	<p>Calculating with large numbers</p> <p>Multiplying and dividing decimals</p> <p>Percentages, decimals and fractions</p> <p>Simple formulae</p> <p>Area and volume</p> <p>Line graphs</p>	<p>number</p> <p>Adding and subtracting large and small numbers</p> <p>Long multiplication and division</p> <p>Working with fractions</p> <p>Problems involving percentages, fractions and decimals</p> <p>Ratio and proportion</p>	<p>Number puzzles</p> <p>Fractions with different denominators</p> <p>Problems involving percentages and decimals</p> <p>Problems involving measures and data</p>
<b>Science</b>	<p>Y6 (2 short units)</p> <p>All living things and Evolution and Inheritance</p>	<p>Y6</p> <p>Electricity</p>	<p>Y5</p> <p>Properties of materials: reversible changes</p>	<p>Y6</p> <p>Evolution and Inheritance</p>	<p>Y5</p> <p>All living things: animals and humans</p>	<p>Y5</p> <p>Forces</p>
<b>Computing</b>	<p>We are game developers</p> <ul style="list-style-type: none"> <li>-developing an interactive game</li> <li>-programming</li> </ul>	<p>We are app planners</p> <ul style="list-style-type: none"> <li>-planning the creation of a mobile app</li> <li>-computer networks</li> </ul>	<p>We are artists</p> <ul style="list-style-type: none"> <li>-fusing geometry and art</li> <li>-creativity</li> </ul>	<p>We are project managers</p> <ul style="list-style-type: none"> <li>-developing project management skills</li> <li>Computational thinking</li> </ul>	<p>We are bloggers</p> <ul style="list-style-type: none"> <li>-sharing experiences and opinions</li> <li>-communication /collaboration</li> </ul>	<p>We are market researchers</p> <ul style="list-style-type: none"> <li>-researching the app market</li> <li>-productivity</li> </ul>
RE	<p>Where does the Bible come from?</p> <p>Or</p> <p>Rules for Living</p> <p>The Ten Commandments</p> <p>Laws from Deuteronomy (Kosher)</p>	<p>Light as Symbol</p> <p>Hannukah (Judaism)</p> <p>Advent and Christmas 6</p>	<p>Celebrations Related to Key Figures</p> <p>Purim - Esther,</p> <p>Passover - Moses (Judaism)</p> <p>Easter - Jesus, the events of Holy Week</p> <p>Common themes</p>		<p>Leaders in Religious Communities and the Importance of Religion Today</p> <p>Authority figures: Rabbi, Priest/Vicar/Minister/Pastor</p>	<p>Creation Stories and the Ultimate Questions They Raise</p> <p>Ultimate and non ultimate questions</p> <p>How the world started Sabbath (Judaism)</p>
<b>History</b>	<p>First Railways</p>		<p>Victorians</p>		<p>Tudors and local study</p>	
<b>Geography</b>		<p>Water cycle</p>		<p>Locational knowledge</p>		<p>Contrasting locality North/south America</p>

PE	Games	Gymnastics	Dance	Net/wall games Netball and basketball	Striking and fielding (cricket, tennis and rounders)	Athletics
Art	Objects and meaning		Containers		Talking textiles	
D&T		Shelters		Musical Instruments		Fairgrounds
Music	<b>Don't Stop Believing</b> Listen and appraise Song Structure	<b>Five Gold Rings</b> Christmas music Popular themes	<b>Classroom Jazz</b> Composing using instruments and technology	<b>Benjamin Britten</b> Identification of composition techniques through deeper investigation of music	<b>Stop!</b> Listen and Appraise and compare with historical styles. Create own accompaniment	<b>Summer Production</b> Singing
French	<b>General</b> Using negatives Numbers to 100 Time Days of week, months of year Questions and answers	<b>Les Vetements -</b> clothes Adjectives - describing feelings	<b>L'Ecole - School</b> Activities people do at school/How French schools differ	<b>La Musique</b> Naming instruments, styles of music	<b>Les Sports</b> Naming and describing <b>Les Planetes</b> Planets	<b>La Nourriture</b> Food and drink Healthy eating French food and culture
PSHE	<b>Relationships</b>		<b>Core theme - Living in the wider world -</b> Economic wellbeing and being a responsible citizen		<b>Core theme - Health and wellbeing</b>	



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<p><b>English</b></p> <p>Sentence level, grammar and spelling are taught throughout all the topics.</p> <p>Reading is taught and embedded throughout the curriculum and in focused guided reading sessions</p>	<p><b>King Arthur</b></p> <p>Story genres Character profile Narrative writing Descriptive writing Poetry reading, performance and writing</p>	<p><b>Journeys</b></p> <p>Character profile Non-fiction texts - Leaflets Narrative writing Report - diary writing Persuasive writing Poetry reading, performance and writing</p>	<p><b>Other Cultures</b></p> <p>Research and note taking Traditional stories - reading and writing Play scripts Newspaper reports Poetry reading, performance and writing</p>	<p><b>CS Lewis</b></p> <p>Story settings and characterisation Themes in stories Formal and informal language Letter writing Recounts Diary reading and writing Film scripts Newspaper reports Poetry reading, performance and writing</p>	<p><b>Carrie's War</b></p> <p>Non-fiction texts - poster Formal writing Understanding characters and settings Explanation texts Character profiles Narrative writing Poetry reading, performance and writing</p>	<p><b>Greek Myths</b></p> <p>Non-fiction texts Story summaries Character profile Persuasive writing Instructions Story themes Play scripts Poetry reading, performance and writing</p>
<p><b>Maths</b></p>	<p><b>Yr5</b></p> <p>Place value to 1,000,000 Mental addition and subtraction Factors of numbers and prime numbers Using multiplication and division facts Angles Length, perimeter and area</p> <p><b>Y6</b></p> <p>Place value and rounding off Mental and written addition and subtraction of large numbers</p>	<p><b>Y5</b></p> <p>Written methods for multiplication Divide 4-digit numbers Fractions and decimals: tenths and hundredths Decimals: tenths, hundredths, thousandths 2D and 3D shapes Tables and bar charts</p> <p><b>Y6</b></p> <p>Written methods for multiplication and division Comparing,</p>	<p><b>Y5</b></p> <p>Negative numbers, and solving problems involving numbers Addition and subtraction of large numbers and money Long multiplication, square numbers and cube numbers Adding and subtracting fractions Reflections and translations</p> <p><b>Mass</b></p> <p><b>Y6</b></p> <p>Negative numbers, and solving problems involving</p>	<p><b>Y5</b></p> <p>Addition and subtraction: mental and written methods for large numbers Multiplication and division: written methods Calculating with fractions Percentages Capacity Line graphs/ comparative graphs</p> <p><b>Y6</b></p> <p>Calculating with large numbers Multiplying and dividing</p>	<p><b>Y5</b></p> <p>Negative numbers and Roman numerals Adding and subtracting large and small numbers Long multiplication and division with remainders Working with fractions Diagonals and problems involving angles Volume, time and money</p> <p><b>Y6</b></p> <p>Problems involving number Adding and subtracting large and small numbers Long multiplication and division</p>	<p><b>Y5</b></p> <p>Addition and subtraction of money Multiplication and division of money Decimals and fractions Problems involving percentages Perimeter, area and scale drawing Using tables, and line graphs</p> <p><b>Y6</b></p> <p>Solving problems involving money Number puzzles Fractions</p>

	<p>Multiples, factors and prime numbers</p> <p>Written methods for multiplication and division: HTU × TU and HTU × U</p> <p>Circles and angles</p> <p>Units of measure</p>	<p>ordering and simplifying fractions</p> <p>Multiplying decimals by 10, 100 and 1000</p> <p>Order of operations</p> <p>2D and 3D shapes</p> <p>Pie charts</p>	<p>numbers</p> <p>Mental and written addition and subtraction of decimals and money</p> <p>Mental and written multiplication and division</p> <p>Calculating with fractions</p> <p>Reflections and translations on coordinate axes</p> <p>Perimeter, area and volume</p>	<p>decimals</p> <p>Percentages, decimals and fractions</p> <p>Simple formulae</p> <p>Area and volume</p> <p>Line graphs</p>	<p>Working with fractions</p> <p>Problems involving percentages, fractions and decimals</p> <p>Ratio and proportion</p>	<p>with different denominators</p> <p>Problems involving percentages and decimals</p> <p>Problems involving measures</p> <p>Using data</p>
<b>Science</b>	<b>Animals including humans: diet and lifestyle</b>	<b>Light</b>	<b>Properties of materials: irreversible changes</b>	<b>Animals including humans</b>	<b>Earth and space</b>	<b>All living things: plant life cycles</b>
<b>Computing</b>	<b>We are cryptographers</b>	<b>We are interface designers</b>	<b>We are web developers</b>	<b>We are app developers</b>	<b>We are architects</b>	<b>We are marketers</b>
	Cracking codes Computational thinking	Designing an interface for an app Communication / collaboration	Creating a web page Computer networks	Developing a simple mobile phone app Programming	Creating a virtual space Productivity	Creating video and web copy Creativity
<b>RE</b>	<b>The Buddha</b>	<b>Christmas</b>	<b>How do people express their ideas about God?</b>	<b>The Importance of Jesus to Christians</b>	<b>Ideas About God</b>	<b>Suffering</b>
	Personal Heroes The Life of Prince Siddhartha	Sacred and secular		Easter - The Importance to Christians Today	One God. Many gods. No God: Personal ideas <b>Human responsibilities for the Environment</b> Issues and Beliefs	Desire and Suffering (Buddhist) Holocaust and Genocide Overcoming evil, promoting goodness
<b>History</b>	Stone Age 1		Bronze age (Theme - Technology through time)		Stone Age and Local history topic	
<b>Geography</b>		Rivers		Mountains		Investigating coasts
<b>PE</b>	Games	Gymnastics	Dance	Net/wall games Netball and basketball	Striking and fielding (cricket, tennis and rounders)	Athletics
<b>Art</b>	People in action		Making hats/masks		A sense of place (landscapes)	

D&T		Bread / biscuit making		Making hats		Moving Toys
<b>Music</b>	<b>Living on a Prayer</b> Listen and appraise Look at structure in detail	<b>Five Gold Rings</b> Christmas music/ popular themes	<b>Classroom Jazz</b> Composition using instruments and technology	<b>Fresh Prince of Bel Air</b> Look at style and identify technique	<b>Make you feel my love</b> Listen and appraise Compare with historic styles Compose on accompaniment	<b>Summer production</b>
<b>French</b>	<b>Review all units and vocabulary</b>	<b>C'est moi!</b> Developing a personal profile	<b>Daily Routine</b> Reflexive verbs	<b>Daily routine</b> Imperatives	<b>Present Tense</b> Regular and irregular verbs	<b>Revision</b> Phrases Directions Food Numbers Colours and position Likes and dislikes
<b>PSHE</b>	<b>Relationships</b>		<b>Living in the wider world</b>		<b>Health and wellbeing</b>	

New National Curriculum (2013 onwards)