



The Leys Primary and Nursery School Long term Plan 2018-2019

Year ...	Autumn 1				Links to local community		Autumn 2			CLASS TRIP		Library			
Dates	3/9 inset 3/9	10/9	17/9	24/9	1/10	8/10	15/10	22/10	5/11	12/11	19/11	26/11	3/12	10/12	17/1
Whole School Events	I'm a star fortnight				No Pens Day 3 Oct Spelling Fortnight		Harvest Week/ Performances			Anti bullying week Choose respect			3 Dec School closed Enterprise Week		
TOPIC THEME/s	South America						Space								
	Weeks 1-2		Weeks 3		Weeks 4-5		Weeks 6	Weeks 1-2			Weeks 3-4		Weeks 5-6/7		
MATHS HFL	5LS1 <i>Place Value and Rounding of Large Numbers</i> 5LS2 <i>Interpret Negative Numbers</i>		5LS3 <i>Place Value of Numbers with up to Three Decimal Places</i>		5LS4 <i>Multiply and Divide by 10, 100 and 1,000</i> 5LS5 <i>Properties of Number – Multiples, Factors and Common Factors</i> 5SL6		5SL7 <i>Multiply and Divide Mentally</i> 5LS8 <i>Solve Problems Involving Knowledge of Key Facts</i>	5LS9 <i>Add and Subtract Using a Range of Strategies</i> 5L10 <i>Add and Subtract Using Formal Written Methods</i>			5LS11 <i>Formal Written Method for Multiplication</i> 5LS12 <i>Formal Written Method of Short Division</i>		LS13 5LS14 5LS15 <i>Equivalent Fractions Compare and Order Fractions Adding and Subtracting Fractions</i>		



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			<i>Prime and Composite Numbers</i>				
LITERACY Genre	<i>I am a star - introductory letter Explanation Text: How to be a world explorer!</i>	<i>Recount trading adventure in South America</i>	Calligram Poetry - Pablo Neruda Take one poet	Persuasion - Save the Rainforest!	Report on Jupiter's Moons	Comparison of 2 Planets	Christmas Cinquains Take One Book - Christmas Carol
SCIENCE	<i>Forces (crossed with DT mechanics - convert rotary motion to linear using cams</i>				<i>The Earth and Space describe the movement of the Earth, and other planets, relative to the Sun in the solar system describe the movement of the Moon relative to the Earth describe the Sun, Earth and Moon as approximately spherical bodies use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.</i>		
Computing	<i>Esafety/Using technology: typing skills - freetypinggames.net Throughout year</i>	<i>Data base - countries in South America</i>				Modelling and Simulations Using technology Using the internet	
History						History of space exploration	
Geography	<i>LOCATIONAL KNOWLEDGE: Locate the countries of the world using maps with a focus on South America. Focusing on environmental regions, key physical and human features, countries and major cities. Fieldwork skills: Using an atlas</i>					PHYSICAL GEOGRAPHY: understand key aspects of biomes (planetary conditions, consider what it would take to terraform a planet?)	
FRENCH							



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ART and DESIGN	Mayan design - art day (TBC)													
DESIGN and TECHNOLOGY								Design a food product to sell (mint and chocolate creams)						
MUSIC	Steel pans							Steel pans						
R.E.	Judaism Rosh Hashannah and Purim Quran/5 pillars							Islam Sacred sites/Hajj/prayers						
P.E.	Football/Rugby							Netball/Basketball						
PSHE	<i>We're all stars</i>							Be friendly, be wise						
Year ...	Spring 1						Spring 2			CLASS TRIP Link to R.E.		<i>Mosque</i>		
Dates	7/1/19	14/1	21/1	28/1	4/2	11/2	25/2	4/3	11/3	18/3	25/3	1/4		
Whole School Events			Science Week					World Book Day						
TOPIC THEME/s	Literary Heritage Stories from Shakespeare (ed. Geraldine McCaughrean) Robin Hood - Storynory						Take 1 Book: Usborne Book of Shakespeare Stories	Muslim Conquests Class reader - Sinbad						
	Weeks 1-2		Weeks 3		Weeks 4-5		Week 6	Weeks 1-2		Weeks 3-4		Weeks 5-6/7		



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MATHS HFL	5LS16 Problem Solving – All Four Operations 5LS17 Multiply Fractions by Whole Numbers 5LS18 Fraction Problem Solving	5LS19 Measure – Converting Units of Measure	5LS20 Area 5LS21 Volume and Capacity	5LS22 Percentag es	5LS23 Problem Solving – Percentages	5LS24 3-D Shapes from 2-D Representations 5LS25 Reflection and Translation	5LS26 Perimeter 5LS27 Estimate, Compare, Measure and Draw Angles 5LS28 Identify Unknown Angles
LITERACY Genre	Literary Heritage Take One Book				Traditional tale 8th Voyage of Sinbad, Personal adventure (week 3 to be continued in Summer 1 - Greeks)	Report on the History of the Muslim Conquests	Instructions - make cous-cous/humous/middle eastern food
SCIENCE	<p><i>Materials</i> know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution</p> <p>use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering,</p> <p>use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating</p>				<p><i>Materials</i> compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets</p> <p>give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic</p>		
Computing	Programming		Creating images		Creating and publishing	Using the internet	Communicating and Collaborating online
History					Legacy of Islamic Culture, Sources for Islamic history, Asking questions about the historical period		
Geography	Geographical skills and fieldwork - Sherwood Forest						



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	<i>Use the eight points of a compass, 4 and 6 figure grid references, symbols and key (including OS maps) to build knowledge of UK and wider world</i>														
FRENCH															
ART and DESIGN							Geometric decorative art based on Islamic architecture								
DESIGN and TECHNOLOGY	<i>Design and make bycocket (Robin Hood's had)</i>														
MUSIC	Steel pans						Steel pans								
R.E.	<i>Islam Mosques</i>						Islam Denominations - muslim conquests								
P.E.	<i>Dance/Gymnastics</i>						<i>Dance/Gymnastics</i>								
PSHE	<i>Living Long and living strong</i>						Daring to be different								
Year ...	Summer 1						Summer 2			CLASS TRIP		<i>Lea Valley</i>			
Dates	24/4	29/4	6/5	13/5	20/5			4/6	10/6	17/6	24/6	1/7	8/7	15/7	
Whole School Events			KS1 SATs start	KS2 SATS Week	Healthy Living/Walk to School Week			Maths Week	Y1 Phonics			MUSIC WEEK		French Day 14 July	
TOPIC THEME/s	The Greeks Greek day									Biomes/Climate Zones					
	Weeks 1-2		Weeks 3-4		Week 5			Weeks 1-2		Weeks 3-4/5		Weeks 6-7			



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MATHS	<p>5LS29 Formal Methods for Division and Multiplication in Increasingly Complex Problems</p> <p>5LS30 Strategies for Multiplication and Division (Mental and Written)</p>	<p>5LS31 Solving Problems involving Scaling by Simple Fractions and Rates</p> <p>5LS32 Conversion of Imperial and Metric Units of Measure</p>	<p>5LS33 Fractions, Decimals and Percentages Problem Solving</p>	<p>5LS34 Reading Timetables and Calculating with Time</p> <p>5LS35 Solve Problems involving the Four Operations</p>	<p>5LS36 Distinguish between Regular and Irregular Polygons</p> <p>5LS37 Use Properties of Rectangles</p> <p>5LS38 Statistics – Solve Comparison, Sum and Difference Problems using Information in a Line Graph</p>	<p>5LS39 Statistics – Interpreting and Evaluating Information Presented in Charts and Tables</p> <p>5LS40 Roman Numerals</p>
LITERACY Genre	<i>Greek Myth - (Traditional Tales continued)</i>	<i>Suspense and Mystery</i>		<i>Poetry - structure</i>	Discussion - relate to climate zones - balanced argument	Poetry - free verse
SCIENCE	<i>Plants and Animals - describe the changes as humans develop to old age</i>			Living Things - describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird, describe the life process of reproduction in some plants and animals.		
Computing	<i>Using the internet Databases/spreadsheets</i>			Digital Media <i>Esafety/Using technology:</i>		
History	<i>Legacy of the earliest civilisations Use and understand sources Make connections between historical period and present day (Democracy, language, art and architecture)</i>					



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	<i>Note contrast and trends over time (Unification after invasion by the Persians culminating in the Delian and Achaian Leagues, Contrast Athens and Syracuse)</i>		
Geography	<i>Human Geography - Minerals and trade links</i>		PHYSICAL GEOGRAPHY Describe and understand key aspects of climate zones, biomes and vegetation belts
FRENCH			
ART and DESIGN	Red and Black Figure Pottery Designs		
DESIGN and TECHNOLOGY			<i>Design a house for a specific biome.</i>
MUSIC	Steel pans		Steel pans
R.E.	<i>Islam Ramadam/Sharia law</i>		Islam Afterlife beliefs
P.E.	<i>Rounders/Athletics</i>		<i>Cricket/Rounders</i>
PSHE	<i>Relationships</i>		Living in the wider world