



Moggerhanger Primary School
Year 5 and 6 - Long Term Plan
Year A - 2022-2023



Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic Name	Our Place in Space		Amazing Africa		Kensuke's Kingdom	
Memorable Events *These themes may be adapted at various points	<ul style="list-style-type: none"> Rocket Launch Harvest Festival Visit to the Church 	<ul style="list-style-type: none"> Carol Concert Visit to theatre to see the Pantomime 	<ul style="list-style-type: none"> Visit from a Veterinary surgeon 		<ul style="list-style-type: none"> Zoo/safari park trip Swimming lessons Sports Day Residential Trip/Adventurous Activities 	
English Overview	Reading Comprehension SPaG Non-Fiction Fact-file information texts Fiction <i>George's Secret Key to The Universe- Lucy Hawking and Stephen Hawking</i> Suspense	Reading Comprehension SPaG Non-Fiction Argument and debate Fiction <i>George's Secret Key to The Universe- Lucy Hawking and Stephen Hawking</i> Genre fiction: Science fiction	Reading Comprehension SPaG Non-Fiction Newspaper reports Biography and autobiography Fiction <i>The Journey Francesca Sanna</i> <i>Journey to Jo'burg- Beverley Naidoo</i>	Reading Comprehension SPaG Non-Fiction Recounts Fiction Drama- Shakespeare Classic novels Poetry Debate poetry and poetry that tells a story	Reading Comprehension SPaG Non-Fiction Instructions and explanations Fiction- Kensuke's Kingdom Michael Morpurgo modern classic fiction	Reading Comprehension SPaG Non-Fiction Non-chronological reports Poetry Free form poetry
Maths Overview <i>White Rose Maths</i> Year 5	Number and place value Roman numerals to 1,000 Representing numbers/place value Counting in powers of 10 Compare and order numbers Rounding within 1,000,000		Fractions Equivalent fractions Improper fractions to mixed numbers (and reverse) Number sequences Compare and order fractions		Converting Units Kilograms and kilometres Milligrams and millilitres Metric units Imperial units Converting units of time	



Moggerhanger Primary School
Year 5 and 6 - Long Term Plan
Year A - 2022-2023



	<p>Addition and Subtraction Add and subtract whole numbers with more than 4 digits Round to estimate answers Inverse operations</p> <p>Multiplication and division Multiples and factors Multiplying and dividing by powers of 10 Multiplication of 4 digit by 2 digit numbers Inverse operations Solve multi-step word problems involving all four operations</p> <p>Statistics Read, interpret and draw line graphs Use line graphs to solve problems Read and interpret tables Two-way tables Timetables</p>	<p>Add and subtract fractions and mixed numbers</p> <p>Decimals and Percentages Decimals as fractions Understanding thousandths Rounding decimals Compare and order decimals Understanding percentages Equivalent fractions, decimals and percentages</p> <p>Number and Algebra Prime numbers Square numbers Cube numbers For the rest of spring term Yr5 to recap learning from autumn and spring term through deeper reasoning and problem solving activities.</p>	<p>Timetables</p> <p>Position and Direction Position in the first quadrant Reflection Reflection with coordinates Translations (with coordinates)</p> <p>Properties of Shape Measuring angles in degrees with a protractor Draw lines and angles accurately Calculate angles on a straight line Calculate angles around a point Calculate lengths and angles in shapes polygons</p>
<p>Maths Overview <i>White Rose Maths</i></p> <p style="text-align: center;">Year 6</p>	<p>Number and place value Representing numbers to ten million Compare and order any number (including decimals) Round any numbers Negative numbers</p> <p>Addition and Subtraction Add and subtract whole numbers (column method) Mental calculations and estimation</p> <p>Multiplication and Division</p>	<p>Fractions Simplify fractions Fractions on a number line Compare and order fractions Add and subtract fractions and mixed numbers</p> <p>Decimals and percentages Decimals Multiplying and dividing decimals by powers of 10</p>	<p>Converting Units Metric measures Converting metric measures Calculating with metric measures Miles and Kilometres Imperial measures</p> <p>Position and Direction Coordinates in the first quadrant Plotting coordinates Reflections</p>



Moggerhanger Primary School
Year 5 and 6 - Long Term Plan
Year A - 2022-2023



	<p>Common multiples Written multiplication methods Long and short division Common multiples and factors Order of operations Solve multi-step word problems involving all four operations Statistics Read, interpret and draw line graphs Use line graphs to solve problems Circles Read and draw pie charts (with percentages) The mean</p>		<p>Multiply and divide decimals by integers Decimals as fractions (and reverse) Equivalent fractions, decimals and percentages Percentage of an amount Percentage increase and decrease Order fractions, decimals and percentages.</p> <p>Number and Algebra Finding and using an algebraic rule Substitution Formulae Word problems Simple one and two step equations Pairs of values Ratios and fractions Scale factors Ratio and proportion problems</p>		<p>Translations</p> <p>Properties of Shape Measuring with a protractor Introducing angles Calculate angles Vertically opposite angles Angles in a triangle Angles in quadrilateral Angles in regular polygons Draw shapes accurately Nets of 3D shapes</p>
Science	<p>Earth and Space (Yr5) 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</p>	<p>Properties and Changes of Materials (Yr5) Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and</p>	<p>Animals including humans (Yr6) Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood Recognise the impact of diet, exercise, drugs and</p>	<p>Evolution and Inheritance (Yr6) Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago.</p>	<p>Living Things & Their Habitats (Yr6) Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals. Give reasons for classifying plants and animals based on specific characteristics.</p>



Moggerhanger Primary School
Year 5 and 6 - Long Term Plan
Year A - 2022-2023



	<p>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.</p>	<p>thermal), and response to magnets Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating.</p>	<p>lifestyle on the way their bodies function Describe the ways in which nutrients and water are transported within animals, including humans.</p>	<p>Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents. Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.</p>	
--	---	---	--	--	--



Moggerhanger Primary School
Year 5 and 6 - Long Term Plan
Year A - 2022-2023



<p style="text-align: center;">History</p>	<p>A History of Space Travel Extended chronological study- Pupils should be taught a study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066</p> <p>History of Christmas Extended chronological study- Pupils should be taught a study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066</p>	<p>Benin Civilisation A non-European society that provides contrasts with British history – one study chosen from: early Islamic civilization, including a study of Benin West Africa c. AD 900-1300.</p>	<p>Local History study A study of an aspect of history or a site dating from a period beyond 1066 that is significant in the locality.</p>
<p style="text-align: center;">Geography</p>	<p>Unit: Trading and economic activity</p>	<p>Unit: Africa Understand geographical similarities and differences through the study of human and physical geography Describe and understand key aspects of physical geography,</p> <p>Unit: Enough for everyone</p>	<p>Unit: Marvellous Maps (including fieldwork) Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied. Use the 8 points of a compass, 4 and 6-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world.</p>



Moggerhanger Primary School
Year 5 and 6 - Long Term Plan
Year A - 2022-2023



Art	Artist focus: Banksy		Artist focus: Sonia Boyce		Artist focus: Frida Khalo	
	Vincent Van Gogh Starry Night Recreating 'A Starry Night' using local landscapes and information we have learned about constellations		African Artwork		Self Portraits- Look at classical and modern portraits and create our own self portrait paintings.	
D&T	Creating Historical Christmas decorations		Designing and making/printing bag inspired by African Textiles			
Computing <i>Teach Computing Scheme</i>	E-safety: Google Secure your secrets	Searching and Systems	Coding: Scratch - Space Junk Game	Coding: Catch the Dots Game	Introduction to vector graphics	Selection in quizzes
Music <i>Music Express Scheme</i>	Group singing Including singing in part harmony and in the round for Christmas performances Solar System		'Carnival of the Animals' Exploring the elements of music through composition. Students will create and compose music on their own and with others.	Keeping Healthy	At the movies	
RE	What does it mean if Christians believe God is holy and loving?	Creation and science: conflicting or complementary?	Values: What matters most to Humanists and Christians?	How and why do some people inspire others? Examples from religions	How do Christians decide how to live? 'What would Jesus do?'	What do Christians believe Jesus did to 'save' people?
PSHE	What makes up our identity?	What decisions can people make with money?	How can we help in an accident or emergency?	How can friends communicate safely?	Year 5- How can drugs common to everyday life affect health?	Year 5- What jobs would we like?



Moggerhanger Primary School
Year 5 and 6 - Long Term Plan
Year A - 2022-2023



					Year 6- What will change as we become more independent?	Year 6- How do friendships change as we grow?
PE	Football Netball	OAA Dance	Gymnastics Fitness	Badminton Hockey	Basketball Tennis	Athletics Sports Day
Languages: French	Getting to Know You	All About Ourselves	That's Tasty	Family and Friends	School Life	Time Travelling