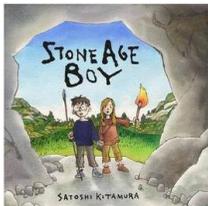
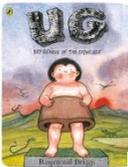
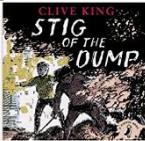
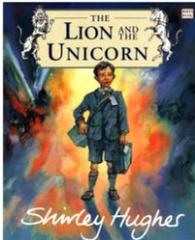




# ONWARDS and UPWARDS

## REACHING FOR THE STARS



Year 3	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Topic</b>	<b>Ancient Egypt</b>	<b>Rise of the Robots</b>	<b>Stone Age and Iron Age</b>		<b>WWII - Derby</b>	<b>UK</b>
<b>Topic Writing</b>	Instructions- How to Mummify	Science Experiment Report	Recount of Creswell Craggs Visit	Explanation - Volcanos	Explanation – How are shadows formed?	Attraction Leaflet
<b>Educational Visit</b>		Faith Walk	Creswell Craggs		Beaumanor Hall WWII experience (plus residential)	
<b>Parent/Carer event</b>	Meet the Teacher	Film Afternoon – “The Iron Man”	Invited in for Topic Afternoon	Easter Assembly	WWII VE day celebration	Join your child for lunch: Roast Dinner Day
<b>Wow days/events</b>	26th September – European Day of Languages	Moon Lit Christmas 9th November – WW1 Centenary Event	Music Day	World Book Day	Art Day	Sports Day Family Fun Fair Transition Days
<b>Class Book</b>	The Iron Man 	Quality Text of Teachers Choice	Stone Age Boy 	UG  Stig of the Dump 	The Lion and the Unicorn 	Traditional Tales 
<b>Writing Focus</b>	Setting Description  Character Description  Dialogue	Story Writing  Explanation Text	Descriptive Letter  Recount	Description	Report  Persuasive Letter	Character Description  Story Writing
<b>Topic Writing</b>	<b>Instructions</b> - How to make a mummy	<b>Science experiment write up</b> – Forces and Magnets	<b>Recount</b> of visit to Cresswell Craggs	<b>Explanation</b> - How a volcano works	<b>Explanation</b> – How shadows are formed	<b>Report</b> - leaflet on an attraction/ city of the UK. Trip advisor – attraction
<b>Science</b>	<u>Animals including Humans</u> Skeletons, Muscles and Nutrition	<u>Forces and Magnets</u> How things move on different surfaces. What material are magnetic? Magnetism- attract, repel, poles	<u>Plants</u> Describe the function of the parts of a plant- stem/trunk, roots, leaves and flowers. Pollination	<u>Rocks and Soils</u> Types of rocks Fossils Soil	<u>Light</u> Light and dark Sunlight How shadows are formed Reflection	<u>Inventors and Scientists</u> Marie Curie William Smith Inge Lehmann
<b>PSHE</b>	Being Healthy	Difference and Diversity	Exploring Emotions	Relationships	Being Responsible	Bullying Matters



<p><b>Maths</b></p>	<ul style="list-style-type: none"> <li>-Count from 0 in multiples of 4, 8, 50 and 100.</li> <li>-Find 10 or 100 more or less than a given number</li> <li>-Read and write numbers to 1,000 in numerals and words</li> <li>-Measure the perimeter of simple 2D shapes</li> <li>-Interpret and present data using: bar charts, pictograms, tables</li> <li>-Add and subtract numbers mentally with up to 3-digits</li> <li>-Add and subtract numbers with up to 3-digits, using formal written methods</li> </ul>	<ul style="list-style-type: none"> <li>-Recall and use 3, 4 and 8 times tables.</li> <li>-Write and calculate mathematical statements for multiplication and division using known multiplication tables, including 2-digit x 1-digit, using mental and progressing to formal written methods.</li> <li>-Estimate and read time with increasing accuracy to the nearest minute;</li> <li>-Tell and write the time from an analogue clock, including using Roman numerals from I to XII</li> <li>-Make 3D shapes using modelling materials; recognise 3D shapes in different orientations; &amp; describe them</li> </ul>	<ul style="list-style-type: none"> <li>-Compare and order numbers up to 1000</li> <li>-Recognise the place value of each digit in a 3 digit number Recognise and show, using diagrams, equivalent fractions with small denominators.</li> <li>-Recognise, find and write fractions of a discrete set of objects: unit fractions &amp; non-unit fractions with small denominators.</li> <li>-Compare and order unit fractions, and fractions with the same denominators</li> <li>-Measure, compare, add &amp; subtract: lengths, mass, volume/ capacity</li> <li>-Consolidate: Write and calculate mathematical statements for multiplication/division using times tables, including 2-digit x 1-digit, using mental and progressing to formal written methods, including use of money and length</li> </ul>	<ul style="list-style-type: none"> <li>-Draw 2D shapes</li> <li>-Estimate the answer to a calculation and use the inverse operations to check answers.</li> <li>-Add and subtract fractions with the same denominator within one whole.</li> <li>-Recognise angles are a property of shape or a description of a turn. Identify right angles; recognise that two right angles make a half-turn, three make three quarters &amp; four a complete turn Identify whether angles are greater than or less than a right angle</li> <li>-12-hour &amp; 24-hour clocks</li> <li>-Record and compare time in terms of seconds, minutes, hours.</li> <li>-Use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight.</li> </ul>	<ul style="list-style-type: none"> <li>-Additional practise for formal methods of multiplication and division, including a high focus on reasoning</li> <li>-Count up and down in tenths; recognise that tenths arise from dividing an object into ten equal parts and in dividing numbers or quantities by 10.</li> <li>-Add and subtract measures with up to 3 digits, using formal written methods</li> <li>-Write and calculate measures for multiplication and division using times tables, including 2-digit x 1-digit, using mental and formal written methods.</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, for example to calculate time taken by particular events or tasks. Identify horizontal and vertical lines and pairs of perpendicular &amp; parallel lines.</li> </ul>	<ul style="list-style-type: none"> <li>-Revise all Year 3 activities associated with place value, including additional reasoning activities.</li> <li>-Solve word problems including missing number problems, number facts, place value and more complex addition and subtraction.</li> <li>-Revise all Year 3 activities associated with fractions and decimals.</li> <li>Consolidate: <ul style="list-style-type: none"> <li>-Adding and subtracting amounts of money to give change, using both £ and p in practical contexts.</li> <li>Solve 1-step and 2-step questions such as 'How many more?' and 'How many fewer?' using information presented in scaled bar charts pictograms and other graphs</li> </ul> </li> </ul>
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# ONWARDS and UPWARDS

REACHING FOR THE STARS 



<b>History</b>	Study the achievements of the earliest civilizations – an overview of where and when the first civilizations and a depth study of Ancient Egypt.		What was life like in the Stone Age and Iron Age		Learn about what life was like in Britain and in Derby during <b>WWII</b>	
<b>Geography</b>				<ul style="list-style-type: none"> <li>Learn about mountains and volcanoes.</li> <li>How to use an atlas.</li> <li>Map reading skills, including using grid references.</li> </ul>		<ul style="list-style-type: none"> <li>Locate /places in the UK on a map.</li> <li>Map reading skills, including using grid references.</li> <li>Learn about geographical features of the UK and how they have changed over time.</li> </ul>
<b>PE</b>	3A Football 3B Gymnastics 3C Dance	Gymnastics Dance Football	Dance Football Gymnastics	OAA Athletics Tennis	Tennis OAA Athletics	Athletics Tennis OAA
<b>RE</b>	Key Question How and why do Christians follow Jesus?	Key Question What is the purpose and value of a sacred space?	Key Question Why is prayer important for religious believers?	Key Question Why is Easter so important to Christians?	Key Question What are the deeper meanings of festivals? (Pentecost)	Key Question How do people express their faith through the arts? (Looking specifically at Christianity)
<b>Art</b>	Texture in paint.		Mark making through unusual media.			Famous UK artists: Banksy and Joseph Wright
<b>Music</b>	<ul style="list-style-type: none"> <li>Learn about dynamics and texture in music.</li> <li>To listen to, discuss and learn how to sing Egyptian-inspired music.</li> </ul>	Learn how to play the hand bells as a whole class.			Listen to music and sing songs related to WWII	Tell the story of a river using hand bells
<b>D&amp;T</b>		Design, make and evaluate Mechanical Robots			Cooking and Nutrition Linked to War Time and Rationing	



# ONWARDS and UPWARDS

REACHING FOR THE STARS 



<b>Computing</b>	<b>E-Safety CyberCafe</b> <ul style="list-style-type: none"> <li>Use technology safely and respectfully, keeping personal information private.</li> <li>Use technology safely and recognise acceptable and unacceptable behaviour.</li> <li>Understand that the internet is a large network of computers and that information can be shared between computers.</li> </ul>	<b>Creativity Drawing and Desktop Publishing</b> <ul style="list-style-type: none"> <li>With support select and use a variety of software to accomplish goals.</li> </ul>	<b>Productivity Using &amp; Applying School Presentation</b> <ul style="list-style-type: none"> <li>With support select and use a variety of software to accomplish goals.</li> <li>Recognise familiar forms of input and output devices and how they are used.</li> <li>Make efficient use of familiar forms of input and output devices.</li> </ul>	<b>Communication Internet Research &amp; Communication</b> <ul style="list-style-type: none"> <li>Use simple search technologies and recognise that some sources are more reliable than others.</li> <li>Understand that computer networks enable the sharing of data and information</li> </ul>	<b>Programming Espresso Coding</b> <ul style="list-style-type: none"> <li>Design, write and debug programs that control or simulate virtual events.</li> <li>Use logical reasoning to explain how some simple algorithms work.</li> </ul>	<b>Computational Thinking Espresso Coding</b> <ul style="list-style-type: none"> <li>Design, write and debug programs that control or simulate virtual events.</li> <li>Use logical reasoning to explain how some simple algorithms work.</li> </ul>
<b>MFL</b>	<p>Greetings and French Culture Classroom Instructions Animals At the Pet Shop Numbers Plurals Connectives and Simple Sentences Christmas</p>		<p>Gender Storytelling Je m'appelle French Names Colours Adjectives Word Order Opinions Numbers Age Easter</p>		<p>Storytelling Numbers Days of the Week Revision Paris Cultural links: Le Tour de France Bastille Day – 14<sup>th</sup> July.</p>	