



Years 3 and 4 Curriculum Overview

YEAR A	Autumn 1	Autumn 2		Spring 1	Spring 2	Summer 1	Summer 2
Learnin g Journey	Awesome Ancient Greeks.	Under the Carpark	The Night before Christmas	Fantastic Fitness!	In the limelight!	The Vikings are coming!	Rapid Rivers!
Author /Poet	Theseus and the Minotaur.	Fox and the ghost king – Michael Morpurgo	The Night Before Christmas	One Hundred Mile an Hour Dog – Jeremy Strong	Circus of Thieves – William Sutcliffe	How to be a Viking – Cressida Cowell	Town is by the sea – Joanne Swartz Flotsam (picture book for guided reading)
Class novel/ collecti on of stories/ poem for learnin g	Here Comes Hercules – Stella Tarakson.	I was there...Richard III A Shakespeare Story: Richard III		Danny Macaskill – The ridge	Shakespeare stories	Thorfinn the friendliest Viking.	Song of the Dolphin Boy – Elizabeth Laird.
Writing opportu nities	<u>Scaffolded outcomes</u> Jane Considine Theseus and the Minotaur Myth Writing. <u>Independent</u> Pandora's Box Diary Entry.	<u>Scaffolded outcomes</u> Newspaper report on finding Richard III	<u>Scaffolded outcomes</u> Poems. <u>Independent</u> Letters to santa	<u>Scaffolded outcomes</u> Newspaper Report based on The Ridge. Commentary based on sports events.	<u>Scaffolded outcomes</u> Play scripts <u>Independent</u> Persuasive texts – Come and see our play	<u>Scaffolded outcomes</u> Narrative writing based on a Viking Story. Writing in role <u>Independent.</u>	<u>Scaffolded outcomes</u> Explanation texts – Erosion <u>Independent</u> Shape Poems

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Order Numbers Count in 50s Addition & Subtraction Add and subtract multiples of 100 Add and subtract 3 digit and 1 digit numbers, not crossing 10 Add 3 digit and 1 digit numbers, crossing 10 Subtract a 1-digit number from a 3 digit numbers, crossing 10 Add and subtract 3 and 2 digit numbers, not crossing 100 Add 3 and 2 digit numbers, crossing 100 Subtract a 2-digit number from a 3-digit number, crossing 100	Order numbers Count in 25s Negative numbers Roman Numerals Addition & Subtraction Add and subtract 1s, 10s, 100s, 1000s Add two 4 digit numbers, no exchange Add two 4 digit numbers, one exchange. Add two 4 digit numbers, more than one exchange Subtract two 4 digit numbers, no exchange Subtract two 4 digit numbers, one exchange Subtract two 4 digit numbers, more than one exchange Efficient subtraction Estimate answers	Using the short written method for multiplication. Using short method for division.	9 times table and division facts Multiply and divide by 7 7 times table and division facts Using the short written method for multiplication. Using short method for division.	Statistics Making tally charts Draw and interpret pictograms Drawing bar charts Interpreting data Measurement, Length and Perimeter Compare lengths Measure length in metres and centromeres Equivalent lengths (M and CM) Equivalent lengths (MM and CM) Adding lengths Subtracting lengths	Statistics Interpret charts Comparison, sum, difference Line graphs Measurement, Length and Perimeter Equivalent lengths M and cm Equivalent lengths, mm and cm Kilometres Adding lengths Subtracting lengths Perimeter on a grid Perimeter of a rectangle		Calculate fractions of a quantity. Fraction problem solving.	Time O clock and half past Quarter past and quarter to Telling the time to 5 minutes Telling the time to a minute 24-hour clock Months and years Hours in a day Comparing durations Start and end times Measuring times Problem solving with times Turns, lines and angles	Hundredths on place value grid Decimals Comparing decimals Ordering decimals Rounding decimals Time Telling the time to 5 minutes/ minute Am and Pm 24-hour clock Hours, minutes, seconds Years, months, weeks, days Analogue and digital clocks Comparing durations	Measuring mass Comparing mass Add and subtract mass Temperatures Compare capacity Add and subtract capacity Position and Direction Positions Turns	Problem solving with capacity Position and Direction Describe position Draw on a grid Move on a grid
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Add and subtract 100s Spot the pattern Add and subtract 2-digit and 3 digit numbers, not crossing 10 or 100 Add 2 and 3 digit numbers cross 10 and 100 Subtract a 2 digit number from a 3 digit number, crossing 10 or 100 Add two 3 digit numbers, not crossing 10 or 100 Add two 3 digit numbers crossing 10 or 100 Subtract a 3-digit number from a 3-digit number, no exchange Subtract a 3-digit number from a 3-digit	Checking strategies Problem solving			Measure perimeter Perimeter problem solving	Perimeter of rectilinear shapes Measurement: Area What is Area Counting squares Making shapes Comparing area			Turns and angles Right angles in shapes Comparing angles Horizontal and vertical lines Parallel and perpendicular lines	Start and end times Measuring times Problem solving with times Turns, lines and angles Turns and angles Right angles in shapes Comparing angles Identify angles Compare and order angles		
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	number, exchange Estimate answers to calculations Checking answers										
Science	Greek diets Aristotle—study of plants, experiments	Richard 3rd DNA	Magnets Christmas baking	Body temperature—how this changes after exercise. Use of thermometers. Changes in body through exercise/ lack of exercise Human teeth Nutrition—healthy eating, food groups, portion sizes Human skeleton and muscles Growing our own foods	Light and dark, reflection, shadows, colour spectrum Sounds, vibrations, pitch, volume, distances from sound sources Scientific experiments Is black black? Coloured filters for theatre lighting Rainbows Musical	Creating a Viking meal	The Water Cycle—bag experiment Weather and erosion Trip to Bradgate Park—looking at rocks/ compass and map reading skills.				
ICT	BBC Dancemat Twinkl word processing	Internet research		Animations of a football match	Twinkl Desktop publishing	Scratch/ Coding	Hour of code				



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				Coding			
History	<p>Greek cities—Athens vs Sparta</p> <p>Life in a Greek family—homes, people</p> <p>Greek Gods and Goddesses—Mount Olympus, temples</p> <p>How did the Greeks change the world? - Alphabet, dictionary words, Alexander the Great</p> <p>Physical characteristics of Greece</p> <p>Greek Government</p> <p>The Olympic Games</p>	<p>A local history study about Richard 111.</p> <p>A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066 – Battle of Bosworth – Richard 111.</p> <p>Inaccuracy with historical sources.</p>		Key sporting moments/ people.	Greek theatre, Shakespeare and the Globe, Modern Theatre.	<p>The Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor.</p> <p>Vikings vs Anglo Saxons – including Anglo Saxon Invasions & Laws.</p> <p>Time lines</p> <p>Viking Artefacts</p> <p>Vikings influence on UK</p>	
Geography	Where is Greece? Locate the main countries of Europe.	Market Bosworth—locality	Christmas around the world	Rugby—origins of the sport in Leicestershire. Maps		Viking raids and invasions European maps and	Rivers and seas of the UK



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	<p>Identify longest rivers and highest mountains within Greece.</p> <p>Identify that Greece is within the continent of Europe on a World Map.</p> <p>Geographical symbols of Greece.</p>	<p>within Leicestershire and wider</p> <p>Geographical features and landmarks within Leicestershire—map work</p> <p>Why have the battle here? Where actually is the battlefield?</p>		<p>of Leicestershire</p> <p>Cook a healthy meal—Nana's magic soup—locality of crops</p>		<p>Viking routes, Maps—where did the Vikings come from.</p>	<p>Rock arches in the sea</p> <p>Changes in coastal features over time</p> <p>Rock formation</p>
Art / Design	<p>Greek fashions—design an outfit/ fashion show</p> <p>Greek Sunset Temples.</p> <p>Greek Vases.</p> <p>Mosaics.</p>	<p>Artist representations of Richard 3rd—how are these inaccurate?</p> <p>Richard 3rd pop art portraits</p>	<p>Christmas decorations</p>	<p>Still life of fruit—Paul Cezanne</p> <p>Design a sports outfit</p>	<p>Design theatre masks</p> <p>Create a theatre backdrop for puppet theatre</p> <p>Mood boards, props</p>	<p>Design vikings shields</p> <p>Cloth weaving</p> <p>Viking runes/ dragon heads</p> <p>Viking models</p>	<p>Design something to keep you dry and make it—waterproofing.</p> <p>Texture of water and rocks—using different techniques and materials</p>



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PE	<u>Football</u>	<u>Dance</u>		<u>Tag rugby</u>	<u>Team games</u>	<u>Athletics</u>	<u>Rounders</u>
Music YEAR 4 have Brass instru- ment lessons all year)	Greek musical styles and composers from history.	Composition / improvisation Tudor music		<u>Sports anthems</u>	Using the voice	Viking songs and instruments	Environmental music
PHSE	<u>All about me</u> <u>My goals</u>	<u>Community</u>		<u>Responsibilities</u>	<u>The media</u>	<u>Money</u>	<u>Aspirations</u>
Enrich- ments/ core offers	Making a model of the Parthenon out of Art Straws.	Debate with member from Richard III society. Visit to Richard 3 rd Museum.			Year ¾ production	The Specialists – Viking Day	Beaumanor Hall residential year 4



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<u>YEAR B</u>	Autumn 1	Autumn 2		Spring 1	Spring 2	Summer 1	Summer 2
Learning Journey	Look Inside my Body	<u>Mighty Predators</u>	The Snowman	Mysteries of Pompeii	The Steam Revolution	The Super Stone Age	USA Road Trip
Author/Poet	Giant – Kate Scott	Wolves – Emily Gravett A range of non-fiction texts	The Snowman	Escape from Pompeii – Christina Balit Romans on the Rampage – Jeremy Strong	The Railway Children – Edith Nesbit	Skara Brae by Dawn Finch Stone Age Boy	Kensuke's Kingdom
Class novel/ collection of stories/ poem for learning	A Journey Through my Digestive System with Max Axiom/ The Lucky Escape Non-fiction books	Fantastic Mr Fox Non-fiction texts focussing on animal features	The Snowman by Michael Morpurgo	The Journal of Iliona – A young Slave – Richard Platt Non-fiction books on life in a Roman town, with focus on Pompeii	Non-fiction books on how steam power was created and works	The Boy with the Bronze Axe – Kathleen Fidler Non-fiction books on life in the Stone Age	Non-fiction books on National Parks
Writing opportunities	<u>Scaffolded outcomes</u> Explanation texts on digestion	<u>Scaffolded outcomes</u>	<u>Scaffolded outcomes</u> Story narrative	<u>Scaffolded outcomes</u> Narratives based on Pompeii	<u>Scaffolded outcomes</u> Instructions on how a steam engine works	<u>Scaffolded outcomes</u> Holiday Brochure	<u>Scaffolded outcomes</u> Balanced Argument – National Parks



	Scientific report <u>Independent</u>		Animal riddles/ poems Newspaper Safari Diary <u>Independent</u> Information report	<u>Independent</u> Story narrative	Diary <u>Independent</u> Explanation texts on volcanoes		Letter writing from holiday destinations <u>Independent</u> Newspaper article – the first ever train journey		<u>Independent</u> Instructions on How to wash a woolly mammoth Narrative - Stone Age Boy		<u>Independent</u> Balanced Argument: Which National Park is better: Glacier Bay or Virgin Islands?	
Maths	<u>Year 3</u> Place Value Represent numbers to 100 Tens and ones using addition Hundreds Numbers to 1000 on a place Value Grid 100s, 10s and 1 Number lines to 100	<u>Year 4</u> Place Value Numbers to 1000 100s, 10s, 1s Number line to 1000 Round to nearest 10 Round to nearest 100 Round to nearest 1000 Count in 1000s	<u>Year 3</u> Multiplication & Division Multiplication – equal groups Multiply by 3 Multiply by 4 Divide by 4 4 times table Multiply by 8 Divide by 8 8 times table Problem solving	<u>Year 4</u> Multiplication & Division Multiply by 10 Multiply by 100 Divide by 10 Divide by 100 Multiply by 1 and 0 Divide by 1 and itself Multiply and divide by 6	<u>Year 3</u> Money Count money (pence) Count money (pounds) Pounds and Pence Convert pounds and pence Adding money	<u>Year 4</u> Money Pounds and pence Ordering money Estimating money Converting pounds and pence Adding money Subtracting money	<u>Year 3</u> Fractions Halves, quarters and thirds Unit fractions Non- unit fractions Equivalent fractions Counting in fractions Adding and subtracting fractions	<u>Year 4</u> Fractions Unit and non-unit fractions Tenths and counting in tenths Equivalent fractions Fractions greater than 1 Adding fractions Adding 2 or more fractions	<u>Year 3</u> Fractions Calculating with fractions Count in tenths Tenths as decimals Fractions of a set of objects Equivalent fractions Comparing and ordering fractions	<u>Year 4</u> Fractions Tenths and hundredths Tenths as decimals Tenths on place value grid Tenths on number line Calculating fractions	<u>Year 3</u> Properties of shapes Recognise and describe 2D shapes Sorting shapes Properties of shapes Recognise and describe 3D shapes Make 3D shapes Sorting shapes	<u>Year 4</u> Properties of shapes Recognise and describe 2D shapes Sorting shapes Properties of shapes Symmetry Horizontal and vertical Mass and capacity



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Number line to 1000	1000s, 100s, 10s, 1	Using the grid method for multiplication.	6 times table and division facts	Subtracting money	Finding change	Fraction problem solving.	Subtracting fractions from whole amounts	Add and subtract fractions	Problem solving with fractions	Properties of shapes	Decimals
Find 1, 10, 100 more or less	Partitioning	Using the short written method for multiplication.	Multiply and divide by 9	Giving change	Problem solving with money				Hundredths	Mass and capacity	Problem solving with mass
Compare Objects	Number line to 10,000		9 times table and division facts	Problem solving with money	Statistics		Calculate fractions of a quantity.		Hundredths as decimals	Measuring mass	Decimals
Compare Numbers	Find 1, 10, 100, 1000 more or less	Using short method for division.	Multiply and divide by 7	Statistics	Interpret charts		Fraction problem solving.	Time	Hundredths on place value grid	Comparing mass	Problem solving with capacity
Order Numbers	Compare 4 digit numbers		7 times table and division facts	Making tally charts	Comparison, sum, difference			O clock and half past		Add and subtract mass	Position and Direction
Count in 50s	Order numbers		Using the short written method for multiplication.	Draw and interpret pictograms	Line graphs			Quarter past and quarter to	Decimals	Temperatures	Describe position
Addition & Subtraction	Count in 25s		Using short method for division.	Drawing bar charts				Telling the time to 5 minutes	Comparing decimals	Compare capacity	Draw on a grid
Add and subtract multiples of 100	Negative numbers			Interpreting data	Measurement, Length and Perimeter			Telling the time to a minute	Ordering decimals	Add and subtract capacity	Move on a grid
Add and subtract 3 digit and 1 digit numbers, not crossing 10	Addition & Subtraction			Measurement, Length and Perimeter	Equivalent lengths M and cm			24-hour clock	Rounding decimals		
Add 3 digit and 1 digit numbers, crossing 10	Add and subtract 1s, 10s, 100s, 1000s			Compare lengths	Equivalent lengths, mm and cm			Months and years	Time	Position and Direction	
Subtract a 1-digit number from a 3 digit numbers, crossing 10	Add two 4 digit numbers, no exchange			Measure length in metres and centromeres	Kilometres			Hours in a day	Telling the time to 5 minutes/ minute	Positions	
Add and subtract 3 and 2 digit	Add two 4 digit numbers, one exchange.				Adding lengths			Comparing durations	Am and Pm	Turns	
	Add two 4 digit numbers, more				Subtracting lengths			Start and end times	24-hour clock		
								Measuring times	Hours, minutes, seconds		



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<p>numbers, not crossing 100</p> <p>Add 3 and 2 digit numbers, crossing 100</p> <p>Subtract a 2-digit number from a 3-digit number, crossing 100</p> <p>Add and subtract 100s</p> <p>Spot the pattern</p> <p>Add and subtract 2-digit and 3 digit numbers, not crossing 10 or 100</p> <p>Add 2 and 3 digit numbers cross 10 and 100</p> <p>Subtract a 2 digit number from a 3 digit number, crossing 10 or 100</p> <p>Add two 3 digit numbers, not crossing 10 or 100</p>	<p>than one exchange</p> <p>Subtract two 4 digit numbers, no exchange</p> <p>Subtract two 4 digit numbers, one exchange</p> <p>Subtract two 4 digit numbers, more than one exchange</p> <p>Efficient subtraction</p> <p>Estimate answers</p> <p>Checking strategies</p> <p>Problem solving</p>			<p>Equivalent lengths (M and CM)</p> <p>Equivalent lengths (MM and CM)</p> <p>Adding lengths</p> <p>Subtracting lengths</p> <p>Measure perimeter</p> <p>Perimeter problem solving</p>	<p>Perimeter on a grid</p> <p>Perimeter of a rectangle</p> <p>Perimeter of rectilinear shapes</p> <p>Measurement: Area</p> <p>What is Area</p> <p>Counting squares</p> <p>Making shapes</p> <p>Comparing area</p>			<p>Problem solving with times</p> <p>Turns, lines and angles</p> <p>Turns and angles</p> <p>Right angles in shapes</p> <p>Comparing angles</p> <p>Horizontal and vertical lines</p> <p>Parallel and perpendicular lines</p>	<p>Years, months, weeks, days</p> <p>Analogue and digital clocks</p> <p>Comparing durations</p> <p>Start and end times</p> <p>Measuring times</p> <p>Problem solving with times</p> <p>Turns, lines and angles</p> <p>Turns and angles</p> <p>Right angles in shapes</p> <p>Comparing angles</p> <p>Identify angles</p> <p>Compare and order angles</p>		
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	<div>Add two 3 digit numbers crossing 10 or 100</div> <div>Subtract a 3-digit number from a 3-digit number, no exchange</div> <div>Subtract a 3-digit number from a 3-digit number, exchange</div> <div>Estimate answers to calculations</div> <div>Checking answers</div>										
Science	<div>Human skeletons</div> <div>Human Teeth</div> <div>Digestive system</div> <div>Create a digestive system experiment</div>	<div>Food chains</div> <div>Plant parts and functions</div> <div>Animal adaptations for their habitats</div> <div>Grouping animals based on biology, diets and habitats</div>	Melting/ changes of state	Volcanoes—The differences between the different types.	How steam trains work – how is steam made? Development of steam power—James Watt	Electricity	Forces and magnets	The rock cycle	Materials—stone vs bronze vs iron	Rainforest climates and habitats	Plants and soils



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ICT	Dance mat <u>Word processing</u>	Knowsley Real or fake		Animation based on Romans	Hour of Code	Questions and quizzes with hyperlinks	Knowesley - Rainforests
History			Christmas traditions through history	Pompeii vs Herculanium—what happened to these cities and why? (AD 79) Life in ancient Pompeii Colosseum Impact of ancient Roman culture and invasion on Britain (AD43) Roman Soldiers and their formations	Thomas Cooke and The Seaside Development of Railways across Britain—how rail travel changed the lives of people in Britain since 1830	Stone Age, Bronze Age and Iron Age homes, food and life Chronologically ordering Stone Age events through to Bronze and Iron age. Compare Stone Age life and life today fossils	Christopher Columbus and colonisation
Geography		Habitats— differences and comparisons. What would happen if the tiger lived in the desert? How have animals	The north pole Northern lights	Europe—where is Pompeii? Geography of Italy Romans in Leicester	Life in Britain before the railways	Skara Brae	Comparing UK and America Comparing the North and the south Rocky Mountains, rivers Climate Rainforest



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		evolved for harsh					Trade links
Art / Design	Picasso Emotions in art work Moving Skeleton/ skeleton models	Sculpture— clay predator eyes Rousseau – Tiger	Northern lights pictures/ snowman art	Plasticine Morph figures Roman mosaics	Railway art—sketches, chalks, charcoal	Cave painting Build a prehistoric shelter	Stars and Stripes Rainforest pictures
PE	Fitness	<u>Dance</u>	Dance	Gymnastics Tennis	Invasion games	Hitting and fielding Swimming	Athletics Swimming
Music (YEAR 4 have Brass instrument lessons all year)	Body percussion—Anna Meredith 'Connect it' Garage Band Year 4 brass	Garage Band Yr4 brass	Music for moving images Yr4 brass	Garage Band Roman Music Yr 4 brass	Charanga Yr 4 brass	Prehistoric instruments and composition <u>Yr 4 brass</u>	Music from a certain group – Beach Boys/ 60's culture/ compared to the beatles <u>Yr 4 brass</u>
PHSE	All about me It's my body	Relationships		Growing up	_Think Positive	Staying safe	Friendships



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Enrichments /core offers		Battram Woods		Visit to Richard III centre/ Bosworth Battlefield OR The Specialists Roman Day	Visit to Bosworth Railway OR Mr Harding visit with Steam Engine Year ¾ Production		Beaumanor Hall residential year 4
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