## Year 3 and 4 Curriculum Plan Two Year Cycle (2020 – 2021/2021 – 2022)

Cycle 1	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic themes (Geography/History)	Anglo Sa Vik The local a and E History: Vikings: How did the Vikings travel? Where was the first invasion? Why did they invade Britain? Why were monasteries good places to raid? Children study Viking invasion, life and mythology.	Second	Wars of the the Tudor Britain and   History: The Wars of the Roses   Why were these battle important for us today?   Who should win and why?   Why did the Wars of the Roses take place over such a long time period?   The Tudor Dynasty   What did the Tudor period signify?   The children study a timeline of the different wars and the reasons	Roses and Dynasty Europe Europe <u>Geography: The</u> Tudor <u>Age of Discovery</u> Why was the Age of Exploration so important? Who were the explorers in the age of exploration? Where did the famous Tudor explorers go? What did they discover there? What goods did	Egypt and the Countries an Continents o History: Egypt Fantastic Pharaohs How old is the Ancient Egypt civilisation? What are hieroglyphics? Tutankhamun & Cleopatra: who are these icons? The children study the history of the Egyptian pharaohs and life in Ancient Egypt	e Nile d f the World f the World <u>Geography:</u> <u>Ancient Egypt:</u> <u>Raging Rivers</u> Where is Egypt in the context of the world? What is nearby? How has it changed? The River Nile – A Journey of Discovery Why did the Egyptians settle on the banks of the river Nile?
		Anglo-Saxon settlement from European countries	for the conflict	they return with to the UK?		The children study location of continents of the

				Children study the Golden Age of Tudor exploration and how this changed knowledge of the world's lands and seas.		world, relative position of Egypt reasons for settlement along banks of Nile, Great Pyramids.
English	Non- chronological Reports Essential books: The Wolves in the Walls by Neil Gaiman Wolves by Emily Gravett Top Gun of the Sky by Martin Bradley Myths and Legends Write a Myth based on: Can You Catch A Mermaid by Jane Ray The Seal Children by Jackie Morris Dragons Hoard: Stories from the Viking Sagas Lan Den Narrative Poems Essential books:	Stories in familiar settings Stories in familiar settings Essential books: Horrid Henry by F Simon Horrid Henry's Birthday Party by F Simon The lion, the Witch and the Wardrobe CS Lewis Instructions and Explanations The Usborne Complete Book of Art Ideas by F Watt, or The Usborne of Art Skills or The Usborne Book of Art Ideas Poetry	Fantasy Stories Based on How to Train Your Dragon by C Cowell How to Train Your Dragon (film – Dreamworks) Chronological reports Essential books: Henry's Freedom Box by E Levine Who was Rosa parks by Zeldis McDonough Poetic Form – syllabic poems Study collection of poems.	Stories with humour Essential books: Mr Stink by David Walliams Billionaire Boy by David Walliams Information Texts Essential books: The Kingfisher Book of Music by C de Souza Image poems Essential books: Window by J Baker	Fables Essential books: Aesop's Fables by M Rosen Biography Essential books: Leonardo da Vinci for Kids, His Life and Ideas by J Herbert Topic links – Walther Raleigh, Howard Carter Poems to Perform Essential books: Poems to Perform: A Classic Collection chosen by Julia Donaldson	Fiction with an element of fantasy Essential books: The Butterfly Lion by Michael Morpurgo Persuasive writing Essential books: The Rainbow Bear by Michael Morpurgo Zoo by Anthony Browne The Ice Bear by Nicola Davies Topic link: Tutankhamen v Cleopatra – who was the most influential historical ruler?

	Just You Wait Till I'm Older Than You by Michael Rosen The Works 4 chosen by Pie Corbett and Gaby Morgan	List poems and kennings (Anglo Saxon link) A variety of poems selected from The Works				Essential books: Edward Lear's Book of Nonsense, Usborne Illustrated Originals The Pobble with No Toes – Group Reader
Guided Reading	<b>Texts</b> Anglo Saxons and Vikings – Usbourne History of Britain Dragons Hoard: Stories from the Viking Sagas Lan Den	TextsThe Lion, the Witchand the WardrobeCS LewisExtracts from Alicein WonderlandLewis CarrollCoraline NeilGaimonBeowulf Rob LloydJones/MichaelMorpurgoAnglo Saxon BoyTony Bradman	TextsThe Reluctant DragonKenneth GrahamHow to Train yourDragonCressida CowellThe Tudors by MarciaWilliamsEyewitness Tudor SimonAdams DKHorrible Histories:Terrible Tudors	Texts Dragons at Crumbling Castle Terry Pratchett Moonshine Dragon by Cornelia Funke Tudor Exploration Haydn Middleton	TextsHorrible Histories:Awful EgyptiansTerry DearyEverything aboutAncient EgyptNational GeographicAncient Egypt DKEyewitnessEgyptian Things toMake and DoEmily BoneBiographies onHoward Carter,Walter Raleigh	Texts Journey to the River Sea Eva Ibbotson Non-fiction texts on rivers (Classroom Secrets)
Maths	Number and place value	Number and place value:	Number: Place value and money	<u>Number:</u> Fractions	Number and place value: Sequencing	Addition and subtraction;
(Year 3)	What is place value?	Addition and Subtraction	What happens to the digits in a number when	What fraction is shown here?	Which number comes next?	Multiplication and division
	What is the value of this digit?	How does knowledge of place value help us to add and subtract?	we multiply or divide it? Use knowledge of place value to position, order,	How do you know?	How do you know?	Which operation do we need to use to solve this problem?

How do you know?		compare and round 3	Understand that	Say what each digit	Add three-digit
	Say what each digit	digit numbers to nearest	fractions are part	represents in a 3/4-	numbers using
Understand place	represents in a 3-	10	of a whole.	digit number.	place value
value, order and	digit number	Solve problems using	Understand the	Use equipment to	Add near
compare 3-digit	uigit number.	knowledge of place	larger the	represent 3/4-digit	multiples of 100
numbers	Use knowledge of	value	denominator the	numbers	Subtract three-
Use f and n	place value to aud	Know what each digit	smaller the unit	Order 3/4-digit	digit numbers
notation including		represents in a 3-digit	fraction	numbers on an empty	using place value
zero as place holder	Use this knowledge	amount of money using	Count in halves	number line	Subtract near
and	to add and subtract	0 as a placeholder	and quarters	Compare pairs of $3/4$ -	multiples of 100
compare amounts	money.	Multiply and divide by	Locate halves and	digit numbers and	Lise written
of money	Add 1, 10 or 100 to	10 and 100 knowing	quarters on a 0-	find a number in	method to
ormoney	a 3-digit number	how to use place value	10 number line	hatween	multiply numbers
Addition and	including crossing	including amounts of	Linderstand	Bound 3-digit	hetween 20 and
Subtraction	10s and 100s.	monov	fraction of change	numbers to the	A0 by 1 digit
Subtraction	Subtract 1, 10 or	Induction that division	Find $1/4c$ , $1/6c$	numbers to the	40 by 1-uigit
How mony more	100 from a 3-digit	(undees' multiplication	rillu 1/45, 1/05	Count in stons of EO	Divido numboro
How many more	number including	Multiply and Darform 2	allu 1/05 Ul	count in steps of 50	Divide numbers
are needed to find	crossing 10s and	Multiply and Perform 2-	numbers. Know odditions of	or 100 from any	within and just
the difference	100s.	step operations.	Know additions of	number up to 1000.	beyond the times
between these			fractions with the	Count in steps of 4 or	tables (with
numbers?	Multiplication and	Written addition and	same	8 from 4 and 8	remainders)
	<u>Division</u>	subtraction	denominator with	Identify patterns.	Choose which
Know number			total of 1.	Find and test rules for	operation is
bonds for all	What is the inverse	Which method will you	_	sequences	necessary to solve
numbers up to 20	operation to this	use to subtract? Why?	Measures: Time		word problems.
and use in addition	calculation?		:Position and	Measurement: length	
and subtraction,		Which subtraction will	direction	and capacity	Geometry:
understanding that	Double and half	have the largest			Properties of
= represents	(even) two-digit	answer?	How many ways	How can we work	<u>shape</u>
equality.	numbers.		can you use to tell	out how much longer	
Cross tens boundary	Know x and ÷ facts	Add three 2-digit	this time?	this piece of wood	Can you describe
when adding and	that go with arrays	numbers using a		than that one?	the 2D shapes
subtracting	and for the 3, 4, 5	variety of strategies	Tell the time to	Measure, compare,	that make up this
Count up and find	and 10 times	Select and use an	the nearest	add and subtract	3D shape?
change from a £	tables		minute, past and	lengths, weights and	
	Linderstand that	appropriate strategy	to.	capacities.	Draw 2-D and
Shape and data		to subtract.	Read analogue	Know that there are	make 3-D shapes,
	multiplication is	Add two 3-digit	and digital times	100cm in a metre and	recognising both
	commutative.	numbers using a	and convert	that there are 10mm	in different
		range of methods.	between them	in a centimetre.	

How do we know if	Understand that	Use rounding to	Tell the time and		orientations, and
this picture is	multiplication is	estimate totals.	convert analogue	<b>Statistics</b>	describe them.
symmetrical?	the inverse of	Use addition to check	and digital clocks		Identify right
	division	subtraction.	and match	How are we going to	angles as 90° in
Which shapes are	Write y and !	Predict whether 1	corresponding	collect and present	shapes, and also
similar? How do we	write × and ÷	subtraction will have a	times.	the data to answer	as turns; recognise
know?	Use multiplication	bigger or smaller answer	Find a time a	this question?	angles as less than
	facts to divide and	than another.	number of	uno queotioni	or greater than
Recognise and find	find a remainder.		minutes later.	Interpret and	90°.
one or more lines of		Measures and data:	Find pairs of times	renresent data on	Identify horizontal
symmetry.	Division and	Length weight har	a given number of	scaled har charts	and vertical lines,
Complete more	fractions	charts	minute apart.	nictograms and	and pairs of
complex				tables and solve	parallel and
symmetrical	What is a fraction?	Can you estimate which	If I turn two right	nrohlems using these	, perpendicular
drawings.		of these objects has the	angles, which	problems using these.	lines.
Describe and name	How do we find	greatest mass?	direction will I be		
2D and 3D shanes	fractions of	greatest mass:	facing?		Geometry:
Sort shanes in	numbers and	Moasuro longths in m			Position and
according to their	shape?	and cm and record	Understand angles		direction
nroperties		Convert on into m and	as degrees of turn.		
properties	Find ½, 1/3, ¼ of a	convert chi into in and	Use the language		If I make three
	number (whole	Cill.	clockwise and		right angle turns
	number answers).	hatwaan langths	anticlockwise.		which way will I
	Find ½. ¼. ¾. 1/3	Detween lengtris.	Know that a right		be facing?
	and $2/3$ of a	Establish weight	angle is a quarter		
	quantity	100g) and make	turn and four a		Recognise right
	Know what 1/3 and	100g) and make	complete turn.		angles as 90° in
	2/3 of a shape looks	Estimate the order of			shapes and also
	like	Estimate the order of	Multiplication and		as turns:
		Weights.	division		
	Maagurag and	Read scales to the	Know the 4 times		Consolidation
	<u>iviedsures anu</u>	Rearest 100g.	table and use it to		conconduction
	data	chart and arrivers	find the 8x table		
		chart, one square =	Know the 2 3 4		
	How do we	LUUB.	5 8 10 times		
	measure time?	units of monowrant to	tables by heart		
		units of measurement to	and use		
	Which time	Collect record and	commutativity		
	difference is	collect, record and	and known facts		
	longer?	interpret data in a bar	to dorivo others		
	Ionger :		to derive others.		

			abort when one step	Divide whole		
			chart when one step	Divide whole		
		Tell the time to the	represents several units.	numbers by $2, 3,$		
		nearest 5 minutes		4, 5, 8 or 10, using		
		past the hour in		times tables and		
		analogue and digital		find remainders.		
		clocks		Know which		
		Match equivalent		calculation to		
		digital and analogue		perform		
		times.		(multiplication or		
		Read Roman		division) and use it		
		numerals.		in order to solve a		
		Tell the time to the		word problem.		
		nearest 5 minutes				
		using am and pm		Consolidation		
		and clocks without				
		numbers				
		Understand units of				
		time				
		Time events in				
		seconds and record				
		recults in a bar shart				
		Collect and				
		confect and				
		represent data m				
		pictograms where				
		one symbol				
		represents two				
		units.				
		Consolidation				
Maths	Number and Place	Number and Place	Number, Place value	Number:	Number (including	Addition and
	<u>Value</u>	value Addition and	and decimals/money	Fractions and	<u>Roman numerals):</u>	subtraction;
(Year 4)		Subtraction		decimals	Sequencing	Multiplication and
	What is place		How do we know the			<u>division</u>
	value?	How does the	value of this number?	What is the same	What is the next	Use written
	What is the value of	position of a digit		and different	number in this	method to
	each digit in this	affect its value?	Understand that when	about fractions	sequence?	multiply 3/4-digit
	number?		we multiply and divide	and decimals?		numbers by
	How do we know?	Say what each digit	by 10, 100, including		How do you know?	single-digit
		represents in a 4-	decimal numbers, digits	Identify equivalent		numbers.
		digit number.	shift one	fractions up to		

Understand place	Understand place	Understand what each	twelfths with a	Place 4/5-digit	Use the ladder
value, order and	value related	digit represents in a	supporting image.	numbers between	method to
compare 4-digit	additions and	number with 1 decimal	Reduce fractions	neighbouring	multiply 3-digit
numbers.	subtractions.	place.	to their simplest	multiples of	numbers by
	Use this knowledge	Order decimal numbers	form.	100/1000.	single-digit
Addition and	to add and subtract	Round tenths to nearest	Identify equivalent	Round four-digit	numbers,
<b>Subtraction</b>	1, 100 or 1000.	whole.	fifths, tenths and	numbers to the	estimating
		Recognise decimal and	halves and mark	nearest 10 and 100.	answers first.
What is the best	Multiplication and	fraction forms of tenths.	them on a line.	Order 4/5-digit Round	Solve word
method to use to	division	Solve problems using	Identify equivalent	four-digit numbers to	problems
add or subtract		knowledge of place	fractions and	the nearest 1000.	requiring
these numbers?	How can we use	value.	decimals (0.1s,	Count in steps of 25	multiplication or
Why?	inverse operations	Multiply multiples of 10	1/10s, 1/5s and	and 1000 from	division.
	to check our	and 100 by single-digit	1/2s).	numbers other than	Choose mental or
Add using place	answers?	numbers.	Add and subtract	0.	written method to
value knowledge		Add and subtract 0.1	fractions with the	Write numbers to 100	solve a range of
and understanding	Double and halve	and 1 to/from numbers	same	using Roman	calculations, all
of the number	two and three digit	with one decimal place.	denominators	numerals.	four operations.
system to choose a	numbers	Use negative numbers in	within 2 wholes		Choose which
strategy for adding.	Know multiplication	context of temperature.	using a fraction	Measurement: length	operations(s) are
	and associated	Find differences in	line.	and capacity	necessary to solve
Subtract using	division facts for the	temperature.			word problems.
counting up or back.	x3, x4, x6, x8 tables,	Order positive and	Measures: Time	How many ways can	
Choose a strategy to	up to x12.	negative numbers.		we represent that	Geometry:
subtract.	Recognise multiples		How many	length using different	Properties of
Use addition to	of 3, 4, 5, 6 and 8	Written addition and	different ways	units of	<u>Shape</u>
check subtraction	Use written	subtraction	can you represent	measurement?	
	methods to		this time?		Compare and
Shape and data	multiply and	How would you		Convert between	classify geometric
	divide TU x U	estimate the answer to	Tell the time on an	units of	shapes, including
What is the same		this	analogue clock	measurement, e.g.	quadrilaterals and
and different about	Division and	addition/subtraction?	using am and nm	cm to m, g to Kg and	triangles, based
these triangles?	fractions		Understand	ml to L and units of	on their
		What method would	concept of 24-	time.	properties and
Understand how the	Which numbers will	you use to check your	hour clock	Measure and	sizes.
circumference and	have a remainder	estimate?	Find times that	calculate the	Identify acute and
radius of a circle can	when you divide		are 30, 40 and 45	perimeter of a	obtuse angles,
be found.	them?	Use different methods	minutes later.	rectilinear figure	compare and
Describe 2D and 3D		of addition to add three	crossing the hour.	(including squares) in	order angles up to
shapes by using		2-digit numbers.	0		180°.
		~			

correct	Divide numbers by	Use rounding to	Read and create	centimetres and	Identify lines of
mathematical	single-digit	estimate totals.	24-hr timetables.	metres.	symmetry in 2-D
vocabulary.	numbers, find	Use rounding to	Calculate time	Find the area of	shapes presented
Sort 2D and 3D	remainders	estimate totals.	intervals	rectilinear shapes by	in different
shapes in different	Count in 1/4s, 1/3s	Use column		counting squares.	orientations;
ways	and 1/10s Find	subtraction/counting up			complete a simple
Describe, name and	equivalent fractions	to subtract 3/4-digit	Multiplication and	Statistics	symmetric figure
sort different	Understand the link	numbers	division		with respect to
triangles.	between finding	Find change from		What data do we	one line of
-	fractions of	£5/£10	Know	need to collect to	symmetry.
	amounts and	and differences between	multiplication and	answer this	
	division.	prices	division facts for	question?	Geometry:
	Find unit fractions	Use column addition to	the 7 and 9 times		position and
	and non-unit	add amounts of money	table.	What is the best way	direction
	fraction of amounts.	lise	Use	to present and	
			commutativity	understand the data	What is the co-
	Measurement:	rounding/approximation	and known facts	we have collected?	ordinate for the
	Time and data	to estimate the total	to derive new		missing corner of
		before carrying out	multiplication	Interpret and present	this rectangle?
	How shall we	addition.	facts.	discreet data using	C C
	record the data we	Check subtraction with	Know most	bar charts,	Describe positions
	have collected?	addition.	multiplication	pictograms and	on a 2-D grid as
		Subtract any pair of 3-	facts up to 12 and	tables, and	coordinates in the
	What does the data	digit numbers choosing	use commutativity	continuous data on	first quadrant,
	tell us?	a written or mental	and known facts	time graphs; answer	plot specified
		method.	to derive others.	questions re-data.	points and draw
	Tell the time to the	Identify and describe	Find factors of		sides to complete
	nearest minute on	patterns; test out ideas.	numbers up to 40.		a given polygon
	analogue clocks	Add/subtract single-digit	Multiply single-		Describe
	some with Roman	numbers to 4-digit	digit numbers by		movements
	numerals.	numbers, bridging	multiples of 10		between positions
	Convert between	multiples of 10, 100 and	and 100.		as translations of
	digital and analogue	1000.			a given unit to the
	times using am and	Add/subtract multiples	Consolidation		left/right and
	pm.	of 10, 100 and 1000 to	consolidation		up/down
	Find times that are	4-digit numbers			Plot and write co-
	30, 40 and 45	0			ordinates in the
	minutes later	Measures and data:			first quadrant.
	crossing the hour.	Length, weight har			'
		charts			
		<u>unu 13</u>			

		Calculate time	Measure lengths in m			Complete
		intervals using a	and cm and record using			polygons by giving
		number line	a decimal point			missing points.
		crossing over the	Convert cm into m (2			Describe
		hour.	decimal places).			translations of
		Write word	Measure lengths in cm			shapes on a grid
		problems involving	and mm to one decimal			and write new co-
		time intervals.	place.			ordinates.
		Time events in	Convert lengths from km			
		seconds.	to m and mm to cm (1			Consolidation
		Collect data and	decimal place).			
		record results in bar	Use weight benchmarks			
		charts	to assist with estimating.			
		Present data in	Weigh items in g and kg			
		pictograms where	to the nearest 100g.			
		one symbol	Convert from kg to g and			
		represents 4 units.	from g to kg (1 decimal			
		Interpret	place).			
		pictograms.	Estimate the order of			
			weights			
		Consolidation	Read scales to one			
			decimal place			
			Record results in a bar			
			chart, one square =			
			0.1kg.			
			Choose appropriate			
			units of measurement to			
			measure objects.			
			Collect, record and			
			interpret data in a bar			
			chart, choosing a			
			suitable scale.			
Science	Forces and Magnets	Animals Including	Living things and their	Plants	States of Matter	Sound
Science	C C	Humans	habitats			
	Key Questions:			Key Questions:	Key Questions:	Key Questions: Do
	What makes a test	Key Questions: How	Key Questions: How do			different materials
	fair?	do you collect data?	we classify if something	What are the male	What can we do to	make different
		What ways can you	is living? (Mrs Nerg) Are	and female parts	sort materials into	types of sound?
		display your data?	there different types of	of a flower? <u>What</u>	Solids, liquids and	How does sound

	What is the difference between gravity and magnetism? What materials are magnetic? <u>Main Work Focus:</u> Develop investigation skills. Use their knowledge to design and make a toy which uses magnetism	What makes a balanced diet? How do muscles work? What affects our heart rate? <u>Main Work Focus:</u> Use learnt knowledge to create a plan to improve a fantasy team's fitness and well being.	plants? How do we classify these? What animals are found in our local environment? What is the difference between a vertebrate and invertebrate? <u>Main Work Focus:</u> Create an interactive booklet about the world of living things.	job does the Stigma and Stamen do? Why are bees important? What happens after pollination and fertilisation? <u>Main Work Focus:</u> Relate each stage of the life cycle to the ability to provide nutritious food and create a menu based on the stages	gases? What properties do each have? How does water change state? What are the key stages of the water cycle? <u>Main Work Focus:</u> Work in groups to create an activity to demonstrate the different properties of Solids, liquids and gases.	travel and what can it travel through? What is pitch? Does distance effect the sounds that we hear? <u>Main Work Focus:</u> Use learning about materials, pitch, distance etc to create a piece of music to perform using everyday items, including a presentation why different objects were chosen because of they different gualities
PHSE Jigsaw Year 4	Being Me in My World	Celebrating difference	Dreams and Goals	Healthy Me	Relationships	Changing Me
Music Churanga Year 3	Recorder course In preparation for next year's First Access Programme the children learn to play the recorder, focusing on developing early instrumental skills	Christmas presentation Cross curricular opportunity to organise, promote, produce, perform and evaluate a 60 minute presentation involving groups and classes	Recorder course In preparation for next year's First Access Programme the children develop their skills to play the recorder, focusing on instrumental skills	Mama Mia (Pop) Units of Work to cover a range of styles and genres and musically draw together listening/appraising, composing/improvising and performing skills	Three Little Birds (Reggae) Units of Work to cover a range of styles and genres and musically draw together listening/appraising, composing/improvising and performing skills	Don't Stop Believing (Rock) Units of Work to cover a range of styles and genres and musically draw together listening/appraising, composing/improvising and performing skills
French Rigalo Year 4	Encore Vocab games and activities re:	Quelle heure est- il?	Les fetes Vocab games and activities re: talking	Ou vas-tu? Vocab games and activities	<u>On mange!</u> Vocab games and activities re:	<u>Le Cirque</u> Vocab games and activities

	describing people using adjectives	Vocab games and activities re: Talk about activities, telling the time	about festivals and dates, counting from 31-60, giving instructions	re: French cities, giving directions, weather, places in France	shopping for food, how much?, party activities, give opinions	re: discuss countries, languages, items of clothing
Computing Purple Mash	Coding Designing and writing programs	Online safety Communication, making good passwords, Spreadsheets Creating charts and graphs, using tools	Touch Typing: Practice and improve typing skills, typing words, improving speed	Email: Ways we communicate, writing emails, using emails safely,	Branching Databases: Sorting objects, creating and completing databases	Simulations: What is a simulation? Explore simulations, analyse and evaluate Graphing: Entering data, investigations
Religious Education Emmanuel Project Year 3 Cycle 2	Christianity How do Christians show that reconciliation with God and others is important?	Islam How does a Muslim show their submission and obedience to Allah?	Hinduism Why do Hindus want to collect good karma?	<b>Christianity</b> Is the cross a symbol of love, sacrifice or commitment for Christians?	<b>Christianity</b> What do Christians mean when they talk about the Kingdom of God?	Judaism What symbols and stories help Jewish people remember their covenant with God?
Art	Children develop their mastery of art techniques involved in drawing and painting still - life	The children create Anglo Saxon treasures using a range of materials including clay	Children develop their mastery of art techniques involved in drawing and painting portraits	Children take inspiration from great artists who used different ideas and techniques to create their art during different historical periods. They create work in the style of	The children use a range of materials to create Egyptian artefacts – Pharaohs' headdresses, Canopic jars, scarab beetles	The children use a range of materials to create Egyptian artefacts – Pharaohs' headdresses, Canopic jars, scarab beetles

				various artists such as: Holbein (Tudor link), Seurat, Monet, Warhol, Hockney		
Design Technology	Children plan and construct models of Viking Long ships. They focus on making a frame structure and strengthening it	The children join fabrics with a range of stitching – back stitch, chain stitch.	Children become competent in a range of cooking techniques to make Tudor foods and use raising agents to make breads		Create a mummy and sarcophagus making a frame supported with diagonal struts.	
PE	Netball Children use running, jumping, throwing and catching in isolation and in combination Hockey Play competitive games, modified where appropriate, and apply basic principles suitable for attacking and defending	Dance Perform dances using a range of movement patterns	Swimming Invasion games Football – develop passing, blocking and shooting skills	Swimming Cricket Use running, jumping, throwing and catching in isolation and in combination Compare their performances with previous ones and demonstrate improvement to achieve their personal best.	Athletics Children develop flexibility, strength, technique, control and balance They take part in outdoor and adventurous activity challenges both individually and within a team	Rounders Use running, jumping, throwing and catching in isolation and in combination Compare their performances with previous ones and demonstrate improvement to achieve their personal best. Athletics – preparation for Sports Day, field and track events

Cycle 2	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic themes	The Stone A	Age to Iron ge	Rainfor (Geograph	r <b>ests</b> y focus)	Riotous F	Romans
(Geography/History)	History: Stone Age Main Focus: Study life in the stone age inc. housing and diet, use evidence making comparisons. Key Questions: What was life like in the Stone Age? When was the Stone Age? What evidence has been left by	Geography: Land Use Main Focus: Study maps, sketch own maps of local area, identify uses of rural spaces Key Questions: How are maps used today? Can you locate place of interest on a map?	History: Amazon Tribes Main Focus: Learn about the lives of indigenous tribes in the Amazon, investigate their homes, food, daily life Key Questions: Where and when did the indigenous people live? How did they go about their daily lives?	Geography: Rainforests and Climate <i>Main Focus:</i> Name and label rainforests in the world, identify the 4 layers, study the climate, compare rainforests with a UK forest <i>Key Questions:</i> Where are the rainforests	History: Roman Invasion Main Focus: Study life in Roman Britain, order key events, learn about the Roman Empire invasion, study historical and cultural development Key Questions: How is Roman life evidenced today?	Geography: The UK Main Focus: Compare physical and human features of the UK, identify how the UK has changed over time Key Questions: Can you label the countries, capital cities, rivers and seas of the UK?

	the Stone Age people? How different was the stone age to life today?	Can you sketch a map of the local area? How are symbols and keys used on a map? How is the land used in our local area?		found around the world? What is life like in the rainforest? How does a local forest differ to a rainforest? What is the cause of climate change?	When did the Roman Invasion occur? Which significant people played an important role in Roman Britain? Why did the Romans come to Britain? How has the Roman Invasion influenced our lives?	Can you find and name places of higher ground in the UK? Which counties are located locally and where are they? How has the population changed over time?
English	Stories by the same author: Practice simple, compound and complex sentences with powerful verbs Books: I'll Take You to Mrs Coles Dinosaurs and All That Rubbish Instructions & Explanations: Practice using imperative verbs and pronouns. Complete a piece of explanation writing. Humorous Poems Learn about powerful verbs, verb tenses, adverbs and adverbial phrases. Write own verses of poems.	Traditional Tales and Fables: Tales from India Using grammar terminology, using and recognising adjectives, nouns & prepositional phrases; using prepositions Books: The Tiger Child Seasons of Splendour Rama and Sita Non- chronological Reports: Extending sentences, grammatical terminology, using conjunctions;	Stories by the same author: Using noun phrases by modifying adjectives, nouns and preposition phrases, using and punctuating direct speech, using fronted adverbials, choosing between pronouns and nouns Books: The Great Kapok Tree The Sharman's Apprentice <b>Persuasive Writing:</b> Using conjunctions, adverbs and prepositions, indicating possession by using the possessive apostrophe with plural nouns Books: When the Forest Meets the Sea The Vanishing Rainforest	Classic Fiction: Exciting Stories Explore plot, character and tension. Learn about direct speech and tense. Plan and write own versions of stories. Books: Fantastic Mr Fox Recounts: Act out stories, use adverbials, learn about recounts using past tense and 1st person and chronological order, use complex sentences. Write own story	Myths and Legends: Roman Myths Dialogue punctuation, conjunctions and word classes Books: The Romans: Gods, Emperors & Dormice Recounts: Newspaper Recounts Research, take notes and write newspaper recounts. The perfect form and adverbs for time and place. Write newspaper report. Books: The Roman Record Escape from Pompeii Traditional Poems:	Stories on a Theme: Sea Stories Explore the use of characterisation, dilemmas, dialogue, word classes and the perfect tense Books: Dolphin Boy The Sandman and the Turtles <b>Reports:</b> Computer Games Revise word classes and study dialogue punctuation. Read/write informal and formal reports. Design and

		expressing time or cause Books: DK Childrens Book of Sport <b>Creating</b> <b>Images:</b> Find and use adjectives and adjective phrases, converting a poem to prose, perform poems and compose own poems.	Performance Poems: Listen to performance poems and explore features, use conjunctions, investigate negative prefixes, informal language and rhymes. Write a rap. Books: Poems Out Loud , You Tell Me	Books: The day I swapped my Dad for Two Goldfish The Diary of a Killer Cat <b>Poetry to</b> <b>express</b> <b>emotions:</b> <i>Explore, write and</i> <i>perform</i> <i>emotional poetry,</i> <i>Revise verbs,</i> <i>simple past tense</i> <i>and present</i> <i>perfect form.</i> Books: Michael Rosen's A to Z	Read a selection of traditional poems, explore the use of sounds,use of adjectives, adverbs/adverbials as descriptions. Write inspired poems	present a new game. <b>Poetic Forms:</b> <b>Shape Poems</b> Analyse features of poetry. Explore tenses, conjunctions and prepositions. Write, improve and present your own shape poems.
Guided reading	Fiction: Stone Age Boy Non-fiction: How to Skin a Bear	Fiction: One Christmas Wish Non-fiction: Cooking Stone Age Classics (Recipe)	Fiction: The Great Chocoplot Non-fiction: Rainforest Creatures	Fiction: Fantastic Mr Fox Non-Fiction: Rainforest Wildlife	Fiction: Roman Rescue Non-fiction: Roman Soldier Poems	Fiction: Planet Omar: Acc. Trouble Magnet Non-fiction: Non-fiction: Infographic Reports
Maths (Year 3)	Number and Place value What is place value? Understand place value, order and compare 3-digit numbers. Use £ and p notation, including zero as place holder and	valueAddition andSubtractionHow doesknowledge of placevalue help us toadd and subtract?Say what each digitrepresents in a 3-digit number.Use knowledge ofplace value to addand subtract	Number, place value and money What happens to the digits in a number when we multiply or divide it? Use knowledge of place value to position, order, compare and round 3 digit numbers to nearest 10 Solve problems using knowledge of place value.	Number: Fractions What fraction is shown here? How do you know? Understand that fractions are part of a whole. Understand the larger the denominator the	Number and place value: Sequencing Which number comes next? How do you know? Say what each digit represents in a 3/4- digit number. Use equipment to represent 3/4-digit numbers.	Addition and subtraction; Multiplication and division Which operation do we need to use to solve this problem? Add three-digit numbers using place value Add near multiples of 100

compare amounts	Use this knowledge	Know what each digit	smaller the unit	Order 3/4-digit	Subtract three-
of money	to add and subtract	represents in a 3-digit	fraction.	numbers on an empty	digit numbers
	money.	amount of money using	Count in halves	number line.	using place value
Addition and	Add 1, 10 or 100 to	0 as a placeholder.	and quarters.	Compare pairs of 3/4-	Subtract near
Subtraction	a 3-digit number	Multiply and divide by	Locate halves and	digit numbers and	multiples of 100
	including crossing	10 and 100 knowing	quarters on a 0–	find a number in	Use written
How many more	10s and 100s.	how to use place value,	10 number line.	between.	method to
are needed to find	Subtract 1, 10 or	including amounts of	Understand	Round 3-digit	multiply numbers
the difference	100 from a 3-digit	money	fraction of shapes.	numbers to the	between 20 and
between these	number including	Understand that division	Find 1/4s, 1/6s	nearest 10 or 100.	40 by 1-digit
numbers?	crossing 10s and	'undoes' multiplication.	and 1/8s of	Count in steps of 50	numbers
	100s.	Multiply and Perform 2-	numbers.	or 100 from any	Divide numbers
Know number		step operations.	Know additions of	number up to 1000.	within and just
bonds for all	Multiplication and		fractions with the	Count in steps of 4 or	beyond the times
numbers up to 20	Division	Written addition and	same	8 from 4 and 8	tables (with
and use in addition		subtraction	denominator with	Identify patterns.	remainders)
and subtraction,	What is the inverse		total of 1.	Find and test rules for	Choose which
understanding that	operation to this	Which method will you		sequences	operation is
= represents	calculation?	use to subtract? Why?	Measures: Time		necessary to solve
equality.		-	:Position and	Measurement: length	word problems.
Cross tens boundary	Double and half	Which subtraction will	direction	and capacity	
when adding and	(even) two-digit	have the largest		and capacity	Geometry:
subtracting	numbers.	answer?	How many ways	How can we work out	Properties of
Count up and find	Know x and ÷ facts		can you use to tell	how much longer this	shape
change from a £	that go with arrays	Add three 2-digit	this time?	piece of wood than	<u>snape</u>
-	and for the 3, 4, 5	numbers using a		that one?	Can vou describe
Shape and data	and 10 times		Tell the time to	Measure compare	the 2D shapes
	tables	variety of strategies.	the nearest	add and subtract	that make up this
How do we know if	Lindorstand that	Select and use an	minute, past and	lengths weights and	3D shape?
this picture is		appropriate strategy	to.	canacities	ob shape.
symmetrical?	multiplication is	to subtract.	Read analogue	Know that there are	Draw 2-D and
-	commutative.	Add two 3-digit	and digital times	100cm in a metre and	make 3-D shapes.
Which shapes are	Understand that	numbers using a	and convert	that there are 10mm	recognising both
similar? How do we	multiplication is	range of methods.	between them	in a centimetre.	in different
know?	the inverse of	Use rounding to	Tell the time and		orientations, and
	division.	estimate totals.	convert analogue	Statistics	describe them.
Recognise and find	Write × and ÷	Use addition to check	and digital clocks	Statistics	Identify right
one or more lines of	Use multiplication	subtraction.	and match	How are we going to	angles as 90° in
symmetry.	facts to divide and	Predict whether 1	corresponding	collect and procent	shapes, and also
Complete more	find a remainder	subtraction will have a	times.	conect and present	as turns: recognise
F	find a remainder.				as tarns, recognise

complex		bigger or smaller answer	Find a time a	the data to answer	angles as less than
symmetrical	Division and	than another.	number of	this question?	or greater than
drawings.	fractions		minutes later.		90°.
Describe and nam	e	Measures and data:	Find pairs of times	Interpret and	Identify horizontal
2D and 3D shapes	What is a fraction?	Length, weight bar	a given number of	represent data on	and vertical lines,
Sort shapes in		charts	minute apart.	scaled bar charts,	and pairs of
according to their	How do we find	<u></u>		pictograms and	parallel and
properties	fractions of	Can you estimate which	If I turn two right	tables, and solve	perpendicular
	numbers and	of these objects has the	angles, which	problems using these.	lines.
	shape?	greatest mass?	direction will I be		
		8.00000	facing?		Geometry:
	Find ½, 1/3, ¼ of a	Measure lengths in m			Position and
	number (whole	and cm and record.	Understand		direction
	number answers).	Convert cm into m and	angles as degrees		
	Find ½, ¼, ¾, 1/3	cm.	of turn.		If I make three
	and 2/3 of a	Find differences	Use the language		right turns which
	quantity	between lengths.	clockwise and		way will I be
	Know what 1/3 and	Establish weight	anticlockwise.		facing?
	2/3 of a shape looks	benchmarks (1kg and	Know that a right		
	like	100g) and make	angle is a quarter		Recognise right
		estimates.	turn and four a		angles_as 90° in
	Measures and	Estimate the order of	complete turn.		shapes, and also
	data	weights.			as turns;
	<u></u>	Read scales to the	<b>Multiplication</b>		
		nearest 100g.	and division		Consolidation
		Record results in a bar	Know the 4 times		
	measure time?	chart, one square =	table and use it to		
		100g.	find the 8x table		
	Which time	Choose appropriate	Know the 2, 3, 4,		
	difference is	units of measurement to	5, 8, 10 times		
	longer?	measure objects.	tables by heart		
		Collect, record and	and use		
	Tell the time to the	interpret data in a bar	commutativity		
	nearest 5 minutes	chart when one step	and known facts		
	past the hour in	represents several units.	to derive others.		
	analogue and digital		Divide whole		
	clocks		numbers by 2, 3,		
	Match equivalent		4, 5, 8 or 10, using		
	digital and analogue		times tables and		
	times.		find remainders.		

		Read Roman		Know which		
		numerals.		calculation to		
		Tell the time to the		perform		
		nearest 5 minutes		(multiplication or		
		using am and pm		division) and use it		
		and clocks without		in order to solve a		
		numbers.		word problem.		
		Understand units of				
		time.		Consolidation		
		Time events in				
		seconds and record				
		results in a bar				
		chart				
		Collect and				
		represent data in				
		pictograms where				
		one symbol				
		represents two				
		units.				
		Consolidation				
Maths	Number and Place	Consolidation Number and Place	Number, Place value	Number:	Number (including	Addition and
Maths	Number and Place Value	Consolidation <u>Number and Place</u> value Addition and	Number, Place value and decimals/money	<u>Number:</u> Fractions and	Number (including Roman numerals):	Addition and subtraction;
Maths (Year 4)	Number and Place Value	Consolidation <u>Number and Place</u> <u>value Addition and</u> <u>Subtraction</u>	Number, Place value and decimals/money	Number: Fractions and decimals	Number (including Roman numerals): Sequencing	Addition and subtraction; Multiplication and
Maths (Year 4)	<u>Number and Place</u> <u>Value</u> What is place	Consolidation <u>Number and Place</u> <u>value Addition and</u> <u>Subtraction</u>	Number, Place value and decimals/money How do we know the	Number: Fractions and decimals	Number (including Roman numerals): Sequencing	Addition and subtraction; Multiplication and division
Maths (Year 4)	<u>Number and Place</u> <u>Value</u> What is place value?	Consolidation <u>Number and Place</u> <u>value Addition and</u> <u>Subtraction</u> How does the	Number, Place value and decimals/money How do we know the value of this number?	<u>Number:</u> <u>Fractions and</u> <u>decimals</u> What is the same	<u>Number (including</u> <u>Roman numerals):</u> <u>Sequencing</u> What is the next	Addition and subtraction; Multiplication and division Use written
Maths (Year 4)	<u>Number and Place</u> <u>Value</u> What is place value? What is the value of	Consolidation <u>Number and Place</u> value Addition and <u>Subtraction</u> How does the position of a digit	Number, Place value and decimals/money How do we know the value of this number?	Number: Fractions and decimals What is the same and different	Number (including Roman numerals): Sequencing What is the next number in this	Addition and subtraction; Multiplication and division Use written method to
Maths (Year 4)	Number and Place Value What is place value? What is the value of each digit in this	Consolidation <u>Number and Place</u> <u>value Addition and</u> <u>Subtraction</u> How does the position of a digit affect its value?	Number, Place value and decimals/money How do we know the value of this number? Understand that when	Number: Fractions and decimals What is the same and different about fractions	Number (including Roman numerals): Sequencing What is the next number in this sequence?	Addition and subtraction; Multiplication and division Use written method to multiply 3/4-digit
Maths (Year 4)	Number and Place Value What is place value? What is the value of each digit in this number?	Consolidation <u>Number and Place</u> value Addition and <u>Subtraction</u> How does the position of a digit affect its value?	Number, Place value and decimals/money How do we know the value of this number? Understand that when we multiply and divide	Number: Fractions and decimals What is the same and different about fractions and decimals?	Number (including Roman numerals): Sequencing What is the next number in this sequence?	Addition and subtraction; Multiplication and division Use written method to multiply 3/4-digit numbers by single-
Maths (Year 4)	Number and Place Value What is place value? What is the value of each digit in this number? How do we know?	Consolidation <u>Number and Place</u> value Addition and <u>Subtraction</u> How does the position of a digit affect its value? Say what each digit	Number, Place value and decimals/money How do we know the value of this number? Understand that when we multiply and divide by 10, 100, including	Number: Fractions and decimals What is the same and different about fractions and decimals?	Number (including Roman numerals): Sequencing What is the next number in this sequence? How do you know?	Addition and subtraction; Multiplication and division Use written method to multiply 3/4-digit numbers by single- digit numbers.
Maths (Year 4)	Number and Place Value What is place value? What is the value of each digit in this number? How do we know?	Consolidation <u>Number and Place</u> value Addition and <u>Subtraction</u> How does the position of a digit affect its value? Say what each digit represents in a 4-	Number, Place value and decimals/money How do we know the value of this number? Understand that when we multiply and divide by 10, 100, including decimal numbers, digits	Number: Fractions and decimals What is the same and different about fractions and decimals? Identify	Number (including Roman numerals): Sequencing What is the next number in this sequence? How do you know?	Addition and subtraction; Multiplication and division Use written method to multiply 3/4-digit numbers by single- digit numbers. Use the ladder
Maths (Year 4)	Number and Place Value What is place value? What is the value of each digit in this number? How do we know? Understand place	Consolidation <u>Number and Place</u> <u>value Addition and</u> <u>Subtraction</u> How does the position of a digit affect its value? Say what each digit represents in a 4- digit number.	Number, Place value and decimals/money How do we know the value of this number? Understand that when we multiply and divide by 10, 100, including decimal numbers, digits shift one	Number: Fractions and decimals What is the same and different about fractions and decimals? Identify equivalent	Number (including Roman numerals): Sequencing What is the next number in this sequence? How do you know? Place 4/5-digit	Addition and subtraction; Multiplication and division Use written method to multiply 3/4-digit numbers by single- digit numbers. Use the ladder method to
Maths (Year 4)	Number and Place Value What is place value? What is the value of each digit in this number? How do we know? Understand place value, order and	Consolidation <u>Number and Place</u> <u>value Addition and</u> <u>Subtraction</u> How does the position of a digit affect its value? Say what each digit represents in a 4- digit number. Understand place	Number, Place value and decimals/money How do we know the value of this number? Understand that when we multiply and divide by 10, 100, including decimal numbers, digits shift one Understand what each	Number: Fractions and decimals What is the same and different about fractions and decimals? Identify equivalent fractions up to	Number (including Roman numerals): Sequencing What is the next number in this sequence? How do you know? Place 4/5-digit numbers between	Addition and subtraction; Multiplication and division Use written method to multiply 3/4-digit numbers by single- digit numbers. Use the ladder method to multiply 3-digit
Maths (Year 4)	Number and Place Value What is place value? What is the value of each digit in this number? How do we know? Understand place value, order and compare 4-digit	Consolidation Number and Place value Addition and Subtraction How does the position of a digit affect its value? Say what each digit represents in a 4- digit number. Understand place value related	Number, Place value and decimals/money How do we know the value of this number? Understand that when we multiply and divide by 10, 100, including decimal numbers, digits shift one Understand what each digit represents in a	Number: Fractions and decimals What is the same and different about fractions and decimals? Identify equivalent fractions up to twelfths with a	Number (including Roman numerals): Sequencing What is the next number in this sequence? How do you know? Place 4/5-digit numbers between neighbouring	Addition and subtraction; Multiplication and division Use written method to multiply 3/4-digit numbers by single- digit numbers. Use the ladder method to multiply 3-digit numbers by single-
Maths (Year 4)	Number and Place Value What is place value? What is the value of each digit in this number? How do we know? Understand place value, order and compare 4-digit numbers.	Consolidation Number and Place value Addition and Subtraction How does the position of a digit affect its value? Say what each digit represents in a 4- digit number. Understand place value related additions and	Number, Place value and decimals/money How do we know the value of this number? Understand that when we multiply and divide by 10, 100, including decimal numbers, digits shift one Understand what each digit represents in a number with 1 decimal	Number: Fractions and decimals What is the same and different about fractions and decimals? Identify equivalent fractions up to twelfths with a supporting image.	Number (including Roman numerals): Sequencing What is the next number in this sequence? How do you know? Place 4/5-digit numbers between neighbouring multiples of	Addition and subtraction; Multiplication and division Use written method to multiply 3/4-digit numbers by single- digit numbers. Use the ladder method to multiply 3-digit numbers by single- digit numbers,
Maths (Year 4)	Number and Place Value What is place value? What is the value of each digit in this number? How do we know? Understand place value, order and compare 4-digit numbers.	Consolidation Number and Place value Addition and Subtraction How does the position of a digit affect its value? Say what each digit represents in a 4- digit number. Understand place value related additions and subtractions.	Number, Place value and decimals/money How do we know the value of this number? Understand that when we multiply and divide by 10, 100, including decimal numbers, digits shift one Understand what each digit represents in a number with 1 decimal place.	Number: Fractions and decimals What is the same and different about fractions and decimals? Identify equivalent fractions up to twelfths with a supporting image. Reduce fractions	Number (including Roman numerals): Sequencing What is the next number in this sequence? How do you know? Place 4/5-digit numbers between neighbouring multiples of 100/1000.	Addition and subtraction; Multiplication and division Use written method to multiply 3/4-digit numbers by single- digit numbers. Use the ladder method to multiply 3-digit numbers by single- digit numbers, estimating
Maths (Year 4)	Number and Place Value What is place value? What is the value of each digit in this number? How do we know? Understand place value, order and compare 4-digit numbers. Addition and	Consolidation Number and Place value Addition and Subtraction How does the position of a digit affect its value? Say what each digit represents in a 4- digit number. Understand place value related additions and subtractions. Use this knowledge	Number, Place value and decimals/money How do we know the value of this number? Understand that when we multiply and divide by 10, 100, including decimal numbers, digits shift one Understand what each digit represents in a number with 1 decimal place. Order decimal numbers	Number: Fractions and decimals What is the same and different about fractions and decimals? Identify equivalent fractions up to twelfths with a supporting image. Reduce fractions to their simplest	Number (including Roman numerals): Sequencing What is the next number in this sequence? How do you know? Place 4/5-digit numbers between neighbouring multiples of 100/1000. Round four-digit	Addition and subtraction; Multiplication and division Use written method to multiply 3/4-digit numbers by single- digit numbers. Use the ladder method to multiply 3-digit numbers by single- digit numbers, estimating answers first.
Maths (Year 4)	Number and Place Value What is place value? What is the value of each digit in this number? How do we know? Understand place value, order and compare 4-digit numbers. Addition and Subtraction	Consolidation Number and Place value Addition and Subtraction How does the position of a digit affect its value? Say what each digit represents in a 4- digit number. Understand place value related additions and subtractions. Use this knowledge to add and subtract	Number, Place value and decimals/money How do we know the value of this number? Understand that when we multiply and divide by 10, 100, including decimal numbers, digits shift one Understand what each digit represents in a number with 1 decimal place. Order decimal numbers Round tenths to nearest	Number: Fractions and decimals What is the same and different about fractions and decimals? Identify equivalent fractions up to twelfths with a supporting image. Reduce fractions to their simplest form.	Number (including Roman numerals): Sequencing What is the next number in this sequence? How do you know? Place 4/5-digit numbers between neighbouring multiples of 100/1000. Round four-digit numbers to the	Addition and subtraction; Multiplication and division Use written method to multiply 3/4-digit numbers by single- digit numbers. Use the ladder method to multiply 3-digit numbers by single- digit numbers, estimating answers first. Solve word
Maths (Year 4)	Number and Place Value What is place value? What is the value of each digit in this number? How do we know? Understand place value, order and compare 4-digit numbers. Addition and Subtraction	Consolidation Number and Place value Addition and Subtraction How does the position of a digit affect its value? Say what each digit represents in a 4- digit number. Understand place value related additions and subtractions. Use this knowledge to add and subtract 1, 100 or 1000.	Number, Place value and decimals/money How do we know the value of this number? Understand that when we multiply and divide by 10, 100, including decimal numbers, digits shift one Understand what each digit represents in a number with 1 decimal place. Order decimal numbers Round tenths to nearest whole.	Number: Fractions and decimals What is the same and different about fractions and decimals? Identify equivalent fractions up to twelfths with a supporting image. Reduce fractions to their simplest form. Identify	Number (including Roman numerals): Sequencing What is the next number in this sequence? How do you know? Place 4/5-digit numbers between neighbouring multiples of 100/1000. Round four-digit numbers to the nearest 10 and 100.	Addition and subtraction; Multiplication and division Use written method to multiply 3/4-digit numbers by single- digit numbers. Use the ladder method to multiply 3-digit numbers by single- digit numbers, estimating answers first. Solve word problems

What is the best	Multiplication and	Recognise decimal and	tenths and halves	Order 4/5-digit Round	multiplication or
method to use to	division	fraction forms of tenths.	and mark them on	four-digit numbers to	division.
add or subtract		Solve problems using	a line.	the nearest 1000.	Choose mental or
these numbers?	How can we use	knowledge of place	Identify	Count in steps of 25	written method to
Why?	inverse operations	value.	equivalent	and 1000 from	solve a range of
	to check our	Multiply multiples of 10	fractions and	numbers other than	calculations, all
Add using place	answers?	and 100 by single-digit	decimals (0.1s,	0.	four operations.
value knowledge		numbers.	1/10s, 1/5s and	Write numbers to 100	Choose which
and understanding	Double and halve	Add and subtract 0.1	1/2s).	using Roman	operations(s) are
of the number	two and three digit	and 1 to/from numbers	Add and subtract	numerals.	necessary to solve
system to choose a	numbers	with one decimal place.	fractions with the		word problems.
strategy for adding.	Know multiplication	Use negative numbers in	same	Measurement: length	
	and associated	context of temperature.	denominators	and capacity	Geometry:
Subtract using	division facts for the	Find differences in	within 2 wholes		Properties of
counting up or back.	x3, x4, x6, x8 tables,	temperature.	using a fraction	How many ways can	<u>Shape</u>
Choose a strategy to	up to x12.	Order positive and	line.	we represent that	
subtract.	<b>Recognise multiples</b>	negative numbers.		length using different	Compare and
Use addition to	of 3, 4, 5, 6 and 8	inegative namoero.		units of	classify geometric
check subtraction	Use written	Writton addition and	Moosuros: Timo	measurement?	shapes, including
	methods to	subtraction	Desition and		quadrilaterals and
Shape and data	multiply and	subtraction	direction	Convert between	triangles, based on
	divide TU x U	How would you		units of	their properties
What is the same		ostimate the answer to		measurement, e.g. cm	and sizes.
and different about	Division and	this	How many	to m, g to Kg and ml	Identify acute and
these triangles?	fractions	uits	different ways	to L and units of time.	obtuse angles,
	<u>Indectoris</u>	addition/subtractions	can you	Measure and	compare and
Understand how the	Which numbers will	What mathed would	represent this	calculate the	order angles up to
circumference and	have a remainder	what method would	time?	perimeter of a	180°.
radius of a circle can	when you divide	ostimato2		rectilinear figure	Identify lines of
be found.	them?	estimate:	Tell the time on	(including squares) in	symmetry in 2-D
Describe 2D and 3D			an analogue clock	centimetres and	shapes presented
shapes by using	Divide numbers by	Use different methods	using am and pm.	metres.	in different
correct	single-digit	of addition to add three	Understand	Find the area of	orientations;
mathematical	numbers find	2-digit numbers.	concept of 24-	rectilinear shapes by	complete a simple
vocabulary.	remainders	Use rounding to	hour clock.	counting squares.	symmetric figure
Sort 2D and 3D	Count in $1/4s$ $1/3s$	estimate totals.	Find times that		with respect to
shapes in different	and 1/10s Find	Use rounding to	are 30, 40 and 45	<b>Statistics</b>	one line of
ways	equivalent fractions	estimate totals.	minutes later.		symmetry.
	Understand the link	Use column	crossing the hour.	What data do we	
	between finding	subtraction/counting up		need to collect to	
	200000				

Describe, name and	fractions of	to subtract 3/4-digit	Read and create	answer this	Geometry:
sort different	amounts and	numbers	24-hr timetables.	question?	position and
triangles.	division.	Find change from	Calculate time		direction
	Find unit fractions	£5/£10	intervals	What is the best way	
	and non-unit	and differences between		to present and	What is the co-
	fraction of amounts.	prices	What is the co-	understand the data	ordinate for the
		Use column addition to	ordinate for the	we have collected?	missing corner of
	Measurement:	add amounts of money	missing corner of		this rectangle?
	Time and data	lise	this rectangle?	Interpret and present	
		rounding (opprovimation	-	discreet data using	Describe positions
	How shall we	rounding/approximation	Plot and write co-	bar charts, pictograms	on a 2-D grid as
	record the data we	to estimate the total	ordinates in the	and tables, and	coordinates in the
	have collected?	before carrying out	first guadrant.	continuous data on	first guadrant, plot
		addition.	Complete	time graphs; answer	specified points
	What does the data	Check subtraction with	polygons by giving	questions re-data.	and draw sides to
	tell us?	addition	missing points.	•	complete a given
		Subtract any pair of 3-	Describe		polvgon
	Tell the time to the	digit numbers choosing	translations of		Describe
	nearest minute on	a written or mental	shapes on a grid		movements
	analogue clocks	method	and write new co-		between positions
	some with Roman	Identify and describe	ordinates		as translations of a
	numerals	natterns: test out ideas	or amates.		given unit to the
	Convert between	Add/subtract single-digit			left/right and
	digital and analogue	numbers to A-digit	Multiplication		un/down
	timos using am and	numbers bridging	and division		Plot and write co-
	times using an and	multiples of 10, 100 and			ordinates in the
	pill. Find times that are	1000	Know		first quadrant
	Find times that are	Add/subtract multiplas	multiplication and		Complete
	30, 40 anu 45	of 10, 100 and 1000 to	division facts for		nolygons by giving
		A digit numbers	the 7 and 9 times		missing points
	crossing the nour.	4-digit fluttibers	tablo		Doccribo
	calculate time				translations of
	Intervals using a	Measures and data:	commutativity		shapos on a grid
	number line	Length, weight, bar	commutativity		sinapes on a griu
	crossing over the	charts	and known facts		and write new co-
	nour.	Measure lengths in m	nultiplication		orunates.
	write word	and cm and record using	facto		Consolidation
	problems involving	a decimal point	IdCts.		consolidation
	time intervals.	Convert cm into m (2	Know most		
	Time events in	decimal places).	multiplication		
	seconds.		facts up to 12 and		

Collact	data and Measure lengths in cr			
Collect	results in har and mm to one desim	and known facts		
charts	nlace	to derive others		
Present	data in Convert lengths from	km Find factors of		
nictogra	ams where to m and mm to cm (	1 numbers up to 40		
one syn	ahol decimal place)	Multinly single-		
represe	ents 4 units. Use weight benchmai	rks digit numbers by		
Interpre	to assist with estimat	ing multiples of 10		
pictogra	ams. Weigh items in g and	kg and 100.		
	to the nearest 100g.			
Consoli	dation of Convert from kg to g	and Consolidation		
use of 4	operations from g to kg (1 decim	al Apply calculation		
to calcu	ilate and place).	skills to solve		
problem	n solve Estimate the order of	problems,		
	weights	including time		
	Read scales to one	using time tables		
	decimal place			
	Record results in a ba	r		
	chart, one square =			
	0.1kg.			
	Choose appropriate			
	units of measuremen	t to		
	measure objects.			
	Collect, record and			
	interpret data in a ba	r		
	chart, choosing a			
	suitable scale.			
Coloured Light Bocks	and Fossils Living things and the	ir Plants	Animals Including	Flectricity
Science	habitats		Humans	Licetherty
Key Questions: Key Que	estions:	Key Questions:	Tumana	Key Questions:
	Key Questions:		Key Questions:	-
How do we see? What p	roperties	What do plants		What components
Which olours are and feat	tures can What habitat is our lo	ocal need to grow	Why do all livng	are needed to run
good and bad you iden	ntify to environment?	strong and	things need nutrition?	things on
reflectors? Are classify	different	healthy? What	What actually	electricity? Battery
reflections exactly types of	f rocks? What are the differen	t properties do	happens to food in	or mains? – What
the same as what What a	I world habitats?			
	re wond habitats:	successful plants	our bodies? (Create	does that mean?
sedimer	ntary,	have? How can we	demonstration – then	does that mean? What dangers do

	we see in front of us? (reversed) What makes shadows? How do shadows grow smaller/larger? <u>Main Work Focus:</u> Use learning to create puppets to tell a ghost story incorporating shadow size and translucent and opaque material choices.	metamorphic rock? In our local environment how are different rocks used? Eg . buildngs, walls, bridges etc.How is Mary Anning connected to rocks? Are there different types of soil? <u>Main Work Focus:</u> Present a This Planet Rocks information program for children in KS2, explaining different types of rocks, fossils and soils.	What does climate change mean and what is causing it? What can we do to help the negative human impact on our environment? <u>Main Work Focus:</u> Create a Habitat Helpers Fair addressing key issues about human impact on the environment.	affects successful growth? What variable must we keep the same? <u>Main Work Focus:</u> Create a plant growers guide to successful plants.	piece a food through digestive system) do all animals have similar digestive systems and eat the same things? What types of teeth are there and what do they do? What are the categories of the food chain? <u>Main Work Focus:</u> Create a class food chain dance, showing prey. Consumers, producers and predators	we face when using electricity? What is a circuit and how do you make one? Are all materials insulators or conductors? <u>Main Work Focus:</u> Create an electric personality – a character/robot powered by electricity
PHSE Jigsaw Year 3	Being Me in My World	Celebrating Difference	Dreams and Goals	Healthy Me	Relationships	Changing Me
Music Churanga Year 4	First Access Programme All children learn to play an instrument. They develop instrumental skills and explore notations	Christmas presentation Cross curricular opportunity to organise, promote, produce, perform and evaluate a 60 minute presentation involving groups and classes	First Access Programme All children develop their skills to play an instrument. They build on instrumental skills and explore notations	First Access Programme All children develop their skills to play an instrument. They build on instrumental skills and explore notations	First Access Programme All children develop their skills to play an instrument. They build on instrumental skills and explore notations	Cyclic Patterns The children explore the West African Djembe drumming tradition and consider the cultural significance and place of West African drumming. The children listen, play and compose their own pieces.

French Rigalo Year 3	Bonjour! vocabulary games & activities re: names, lessons & timetables greetings, & feelings	En classe vocabulary games & activities re: school equipment,	Mon corps vocabulary games & activities re: parts of the body & comparing features	Rigolo Les animaux vocabulary games & activities re: pets and small animals	<u>Rigolo Ma famille</u> vocabulary games & activities re: families and their relationships	Bon Anniversaire vocab games and activities re: asking for snacks, numbers 21- 31, months of the year.
Computing Purple Mash	Coding: Designing and writing programs	Online Safety: How do we stay safe online? Creating a safety presentation Spreadsheets: Formatting and using formulae, using a spreadsheet	Writing for different audiences: Exploring fonts, creating a news report	Logo: Inputting simple instructions, drawing letters and shapes	Animation: Evaluate animated films, adding sounds and backgrounds, using 2Animate Effective Search Locating information, using search to find information	Effective Search Assessing true and reliable information Hardware Investigators Identify and recall parts of a computer
Religious Education Emmanuel Project Year 4 Cycle 2	Christianity How does believing Jesus is their saviour inspire Christians to save and serve others?	Islam Why do Muslims call Muhammad the 'seal of the prophets'?	Hinduism How does the story of Rama and Sita inspire Hindus to follow their dharma?	Sikhism How does the teaching of the gurus move Sikhs from dark to light?	<b>Christianity</b> Why do Christians believe they are people on a mission?	Sikhism How do Sikhs put their beliefs about equality into practice?
Art	Drawing Develop and practice drawing techniques. Learn about Pablo Picasso and re- create portraits,	Explore cave drawings found around the world, re-create own cave paintings from the past.	Painting Explore colour mixing. Investigate and re- create Henri Rousseau rainforest paintings,	Collage Investigate joining different materials re- create rainforest scenes, explore Henri Matisse animal art	Printing Investigate roman patterns and artwork. Explore and create individual mosaic designs.	Sculptures Explore roman art through sculptures of roman myths. Create a class sculpture using clay statues.

		Re-create Andy Goldsworthy natural art				
Design Technology	Design, create and evaluate a stone age house, joining and fixing a range of materials.		Investigate, prepare, taste and evaluate 'forest foods'.		Create a roman chariot – joining and fixing, wheels and axels using construction equipment.	
PE	Team Games Throwing and catching, games including striking and fielding, 1:1, 1:2, 1:3	Invasion Games Improve basic skills, games based on using space, attacking and defending	Swimming Gymnastics Develop basic movements on floor and apparatus, creating sequences.	Swimming Circuit training Develop co- ordination skills and meet challenges for distance and time.	Athletics Improve skills in running, throwing, catching, jumping etc.	Tennis/Rounders Develop team skills playing games with rackets and following rules.

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