TJA – Year 3 Maths LTP

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
		: Place Value		ition and Subtraction		cation and Division	Measurement: Time	Number: Fractions	Geometry: S
Autumn	National Curriculum objectives	, 50 and 100; find 10 or 100 more or less	National Curriculum objectives 1. Add and subtract numbers mentally, inc	ludiaa	National Curriculum objectives 1. Recall and use multiplication and di	vision facts for the 2 A and 9	National curriculum objectives 1. Tell and write the time from an analogue	National Curriculum objectives 1. Recognise, find and write fractions	National Curriculum objectives 1. Draw 2-D shapes, make 3-D shapes; recogni
Daily 5 carried out	than a given number		a) three-digit number and ones	luung.	multiplication tables	vision jucis jor the 3, 4 unu o	clock, including using Roman numerals from	of a discrete set of objects: unit	2. Recognise angles as a property of shape or of
each day – to	 Recognise the place value of ear Compare and order numbers up 		 b) a three-digit number and tens c) a three-digit number and hundreds 		2. Write and calculate mathematical s	tatements for multiplication and that they know, including for two-digit	I to XII, and 12-hour and 24-hour clocks	fractions and non-unit fractions with small denominators	 Identify right angles, recognise that 2 right of quarters of a turn and 4 a complete turn; identified
contain:	4. Identify, represent and estimate	numbers using different representations	2. Add and subtract numbers with up to th	ree digits, using formal written methods of columnar	numbers times one-digit numbers, usin		Small steps	2. Recognise and use fractions as	than or less than a right angle
1 x addition	5.Read and write numbers up to 1	000 in numerals and in words ctical problems involving these ideas.	addition and subtraction 3. Estimate the answer to a calculation an	d use inverse energians to shack answers	written methods 3. Solve problems, including missing n	umber problems, involving	Week 1	numbers: unit fractions and non-unit fractions with small denominators	4. Identify horizontal and vertical lines and pai lines
1 x subtraction	6. Solve number problems and pro	cucal problems involving these faeas.		er problems, using number facts, place value, and	multiplication and division, including p	ositive integer scaling problems and	 Months and years 	3. Recognise and show, using	imes
1 x division	Small Steps		more complex addition and subtraction.		correspondence problems in which n o	bjects are connected to m objects.	O'clock and half past	diagrams, equivalent fractions with small denominators	Small Steps
1 x multiplication	 Week 1 Number bonds to 10, 	20, 100	Small Steps		Small Steps		Quarter past and quarter	4. Count up and down in tenths;	Week 1:
1 x inverse operation		o 1000 (Use numbers as words for	Week 1		Week 1		to	recognise that tenths arise from dividing an object into 10 equal parts	
operation	spellings)		0	and 1s and 10s (not using formal)	 Multiple and d 	ivide by 4 (4 times tables)	AM and PM with 24	and in dividing one-digit numbers or	Recognise and describe 2d
	 Partitioning numbers 	- 100s, 10s and 1s	 Formal method addi numbers) 	tion - not crossing 10s/100s (of two 2 digit	Formal metho	d multiplication with no	hours	quantities by 10	Draw 2d shapes accurately
2 challenge	 Number line to 1000 Compare numbers to 	1000	,	vo 3 digit numbers not crossing 10/100	carrying (2 digi	its by 1 digit)		Small Steps:	Horizontal and vertical
questions – can be reasoning focus	 Compare numbers to 	1000	 Formal method cross 		Formal metho	d multiplication with		Week 1	Parallel lines
Ū	Week 2		(of two 2 digit numb		carrying (2 digi	its by 1 digit)		 Make equal parts 	Week 2:
-	 Order numbers up to 		Formal method cros Week 2	sing 10s/100s (of two 3 digit numbers)				 Recognise, find and 	Week 2.
Ensure differentiation		or less than a given number		ber and 1s and 10s (not using formal)	Week 2			shade unit and non-	Recognise 3D shapes in the
takes place is	 Count in 100s and fin number 	d 100 more or less than a given		raction no exchanges (of two 2 digit	Divide by shari Divide 2 divit b			unit fractions	 Properties of 3D shapes
needed	Count in 50s		numbers)		-	oy 1 digit (for 2s and 5s) oy 1 digit (for 4s)		(objects)	Make 3D shapes
			 Formal method subt numbers) 	raction no exchange (of two 3 digit	 Divide 2 digit b Divide 2 digit b 	, ,		Count in fractions	Recognising angles
				nc exchanges (of two 2 digit numbers)	- Divide 2 digit b	7 - (101 33)		 Tenths (counting and tenths as 	
				nc exchanges (of two 3 digit numbers)				decimals)	
Spring	Number: Place Value	Number: Addition and	Number Mult	iplication and Division	Measurement: Money	Statistics	Measurement: Leng		Measurement: Time
	National Curriculum objectives				National Curriculum objectives	Statistics National Curriculum objectives	National Curriculum objectives	Sur & Fernileter	National Curriculum objectives
Daily 5 carried	1. count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100	Subtraction National Curriculum objectives	National Curriculum objectives		1 Add and subtract amounts of	1. interpret and present data using	1. Measure, compare, add and subtract: length	s (m/cm/mm	1. Tell and write the time from an
out each day – to	more or less than a given	a) three-digit number and ones		n facts for the 3, 4 and 8 multiplication tables ments for multiplication and division using the	money to give change, using both £ and p in practical contexts	bar charts, pictograms and tables 2. Solve one-step and two-step	2. Measure the perimeter of simple 2-D shapes		analogue clock, including using Roman numerals from I to XII, and 12-hour and
contain:	number 2. Rrecognise the place value of	b) a three-digit number and tens		ding for two-digit numbers times one-digit numbers,		questions using information	Small Steps		24-hour clocks
1 x addition	each digit in a three-digit	 c) a three-digit number and hundreds 2. Add and subtract numbers with up 	using mental and formal written methods	er problems, involving multiplication and division,	Small Steps	presented in scaled bar charts and pictograms and tables	Week 1		2. Estimate and read time with increasing accuracy to the nearest
1 x subtraction	3. Compare and order numbers up to 1000	to three digits, using formal written		and correspondence problems in which n objects are	Week 1	pictograms and tables	Measure lengths (cm)		minute; record and compare time in
1 x division 1 x multiplication	4. Identify, represent and	methods of columnar addition and subtraction	connected to m objects.		Add money	Small Steps	Equivalent lengths – mm &	cm	terms of seconds, minutes and hours; use correct vocabulary
1 x inverse	estimate numbers using different representations	4. Solve problems, including missing	Small Steps		Subtract money	Week 1	Measure lengths (m)		use confect vocubulary
operation	5.Read and write numbers up to 1000 in numerals and in words	number problems, using number facts, place value, and more complex	Week 1		(practical)	 Pictograms 	 Equivalent lengths – m & cr 	n	Small steps
	6. Solve number problems and	addition and subtraction.	Times table lesson (3,4	85)	Subtract money	 Bar charts 	Week 2		Week 1
2 challenge	practical problems involving these ideas.	Small steps	Comparing calculations		Give change	 Tables 	Compare lengths		Telling the time to 5
questions - can be		Week 1	Missing number problem	ns			Add and subtract lengths		minutes on an
reasoning focus	Small steps: Week 1		Related calculations				Measure perimeter		analogue clock
	Represent	 Add a 3 digit and 2-digit 					Calculate perimeter		Drawing the time to
Ensure	numbers to 1,000	number not crossing 10	Week 2						the nearest 5 minutes
differentiation	Partitioning	 Add a 3 and a 2 digit numbers crossing 10 							Converting between
takes place is needed	 numbers to 1,000 Doubling and 	Subtract a 3 digit and a	 2 digit by 1 digit multipl 	ication re-cap (inc reasoning and					analogue and digital
needeu	 boubling and halving 	2-digit number without	problem solving)						telling the time to 5
	Problem solving	exchange	Scaling						minutes
	and reasoning	 Subtract a 3 digit number and a 2 digit 	How many ways						Finding the duration
		number with exchange	Divde 2 digits by 1 digit						(from a table – to 5
								-	mins)
Summer	Number: Place	Number: Fo National Curriculum objectives	ur operations	Statistics National Curriculum objectives	Number: Fractions	National Curriculum objectives	rement: Time	Geome National Curriculum objectives	etry: Shape
Daily 5 carried out	Value National curriculum objectives	1. Add and subtract numbers mentally, in	ncluding:	1. interpret and present data using bar charts,	1. Count up and down in tenths;		logue clock, including using Roman numerals		recognise 3-D shapes and describe them
each day – to	1. Tell and write the time from	 a) three-digit number and ones b) a three-digit number and tens 		pictograms and tables 2. Solve one-step and two- step questions using information presented in	recognise that tenths arise from dividing an object into 10 equal	from I to XII, and 12-hour and 24-hour	clocks sing accuracy to the nearest minute; record and	2. Recognise angles as a property of she	
contain:	an analogue clock, including using Roman numerals from I to	c) a three-digit number and hundreds		scaled bar charts and pictograms and tables	parts and in dividing one-digit		nutes and hours; use correct vocabulary		2 right angles make a half-turn, 3 make 3 n; identify whether angles are greater than
1 x addition	XII, and 12-hour and 24-hour	Add and subtract numbers with up to of columnar addition and subtraction	three digits, using formal written methods		numbers or quantities by 10 2. Recognise, find and write fractions			or less than a right angle	and pairs of perpendicular and parallel lines
1 x subtraction	clocks	3. Estimate the answer to a calculation of	and use inverse operations to check	Small Steps	of a discrete set of objects: unit	Small Steps			and pairs of perpendicular and paranet lines
1 x division	Small Steps	answers 4. Solve problems, including missing num	ber problems, using number facts, place	Week 1	fractions and nonunit fractions with small denominators	Week 1		Small Steps -	
1 x multiplication 1 x inverse	Week 1:	value, and more complex addition and se	ubtraction.	Pictograms	3. Recognise and use fractions as	Telling the time to th		Week 1	
operation		Write and calculate mathematical sta using the multiplication tables that they		Bar charts Tables	numbers: unit fractions and non- unit fractions with small		e minute with roman numerals	 Turns and angle 	es
	Roman		nd progressing to formal written methods	Tables	denominators		conds in a minute/ minutes in an	Right angles in	
2 challenge	numerals from	3. Solve problems, including missing nun	ber problems, involving multiplication and		4. Recognise and show, using	hour		Compare angle	S
questions – can be	1-12	division, including positive integer scaling in which n objects are connected to m ob	g problems and correspondence problems ijects.		diagrams, equivalent fractions with small denominators	 24 hour clock with an initial initial for an (many field) 		 Horizontal and 	vertical
reasoning focus	Represent	Cmall Chance			5. Add and subtract fractions with	midnight/noon/mor	iiig/aiterrioon		
	numbers	Small Steps: Week 1:			the same denominator within one 6. Compare and order unit	• Week 2		Week 2	
Ensure	beyond 1,000		digits and 1s,10s and 100s using		fractions, and fractions with the	Week 2	(from a table to the minute)	Parallel and per	
differentiation	Compare and	mental strategies			same denominators 7. Solve problems that involve all of the	 Finding the duration (from a table – to the minute) Comparing durations 		Recognise and describe 2D	
takes place is	order numbers	Add and subtract 3 digit numbers using formal written			above	Comparing durations Start and end times		Recognise and describe 3D shapes	
needed	beyond 1,000	methods Efficient methods			Small Steps - Week 1:	Measuring time in se	conds		v 2d shapes and indicate
needed		 Efficient methods Problem solving (ir 	ac money)		Add and subtract			parallel and per	rpendicular lines
necaca		 Problem solving (in 	ic money)		fractions (problem				
						1			
		Week 2:			base)				
		Multiplication of 2			Compare and order				
		Multiplication of 2Division of 2 digits	by 1 digit (3,4,5, 8,2 times tables)		Compare and order fractions				
		 Multiplication of 2 Division of 2 digits Estimate answers a 			 Compare and order fractions Equivalent fractions 				
		Multiplication of 2Division of 2 digits	by 1 digit (3,4,5, 8,2 times tables)		Compare and order fractions				

	Week 10	Week 11	Week 12
y:	Shape	Measurement: Money	Assessment
	-	National Curriculum objectives	Week
	gnise 3-D shapes and describe them or a description of a turn	 Add and subtract amounts of money to give change, using both £ and p in practical contexts 	
	nt angles make a half-turn, 3 make 3 entify whether angles are greater	Cmall stone	
		Small steps Week 1	
na p	pairs of perpendicular and parallel	Week 1	
		 Recognising coins and notes 	
		 Convert pounds and pence 	
		Add money (practical)	
e 2	2d shapes		
ate	ly		
I			
n t	he environment		
es			
		Number: Fractions	Assessment
	National Curriculum objectives	s of a discrete set of objects: unit fractions and nonunit fractions	Week
	with small denominators		
	Recognise and use fractions as nur denominators	mbers: unit fractions and non-unit fractions with small	
		ms, equivalent fractions with small denominators	
	Small Steps		
	Week 1		
	Tenths		
	 Making the w 	hole	
	 Add fractions 		
	 Subtract fract 	ions	
	Week 2		
	 Equivalent fra 		
	 Count in fract 		
	Recognise and		
	Order fraction	ns on a number line	
		rement: Mass & Capacity	Assessment
	National Curriculum objectives 1. Measure, compare, add and subtri	act: mass (kg/g); volume/capacity (I/ml)	Week
	Small Steps -		
	Week 1 Measure mass		
	Read scales		
	Compare and order	mass	
	 Add and subtract m 		
	Week 2:		
	Measure volume		
	Read scales		
	 Compare and order Add and subtrast up 		
	 Add and subtract vol 	nume	
			1