

Block 1												
	1	2	3	4	5	6	7	8	9	10	11	12
Y3	Place value (U1)		Addition and subtraction (U1)		Multiplication and division (U1)		Time		Fractions (U1)		Multiplication /division (U2)	Geometry

NB: It is strongly suggested that Year 3 start the year with the bridging unit. This secures key skills from Year 2. The 'school to decide focus' at the end of Block 3 will allow time for all Year 3 content to be covered.

Block 2												
	1	2	3	4	5	6	7	8	9	10	11	12
Y3	Geometry	Money (U1)		Place value (U2)		Addition and subtraction (U2)		Multiplication and division (U3)		Fractions (U2)		Statistics

Block 3												
	1	2	3	4	5	6	7	8	9	10	11	12
Y3	Place value (U3)		Calculation		Money (U2)		Length	Mass and volume	Patterns and relationships		School to determine focus	

The yearly overview is a broad guide to suggested coverage over the course of the academic year.

There are 39 school weeks, one week taken for INSET, leaving 38. Two of the 38 are generally taken up with trips, sports days, concerts and so on, leaving 36. The three 'blocks' are each 12 weeks long. Clearly the 12 weeks don't map directly to terms, they are not intended to. Where the table header has been highlighted in blue, this indicates that planning will be provided by *Effective Maths*. Please see the publication dates (on website) for details of when resources will be online.

### Remembering content and making connections - Education Inspection Framework

In the block overviews that follow, the intention is to provide extremely clear signposting to the quizzes designed to support children in **remembering the key content they have been taught**. And, through the RTP<sup>1</sup> focuses, **integrate knowledge into larger concepts**. Teachers and leaders need to use assessment well, for example to help children embed and use knowledge fluently or to check understanding and inform teaching. But they also need to do this in a way that **does not create unnecessary burdens for staff or children**. The quizzes are ideal for this purpose. (These points - remembering key content, integrating knowledge and not creating burdens - are directly linked to bullet points 3 and 4 in the 'implementation' section of the current Education Inspection Framework.)

The RTP quiz focuses are linked to what the DfE describe as 'the most important knowledge and understanding within each year group'. These criteria very often require children to have command of a wider domain of knowledge than the mathsquiz.net quizzes do. The quizzes on mathsquiz.net **deliberately** take smaller steps. The aim of **both** is to provide teachers and leaders with several ways of supporting children's ongoing progress. For example, through sharing links for mathsquiz.net quizzes with parents/carers (so children continue to practise a core skill such as knowing the  $8 \times$  table) and then following up a child's work at home with a quiz session in school to ascertain progress. The RTP quiz focuses are designed to be mini-assessments carried out in school. Taken together, the quizzes and the paper-based end of unit assessments, provide schools with a range of simple strategies to assess the planned/intended curriculum, as opposed to using generic assessments not linked to the curriculum. In particular, the quizzes have the added advantage of being self-marking, easy to repeat and can be shared with parents/carers to support children's learning at home.

### Notes

The lesson and quiz in red are being written for 2022/23 and will be online a few weeks before they are first required. Some RTP focuses are not best assessed by electronic means. For Y3 this is 3G-2 (draw polygons).

	Block 1	Block 2	Block 3
Number of quizzes	15	8	8
Number of RTP quizzes	6	5	4

<sup>1</sup> RTP Ready to Progress

Block 1												
	1	2	3	4	5	6	7	8	9	10	11	12
Y3	Place value (U1)		Addition and subtraction (U1)		Multiplication and division (U1)		Time		Fractions (U1)		Multiplication /division (U2)	Geometry
	[1] Reading and writing numbers to 300 in numerals		☀RTP 3NF-1← <sup>1</sup> [1] + facts for 100 using multiples of 5 and 10 ☀MQ		[1] 5 × table (revision)			[1] Telling the time to the nearest 5 minutes	[1] Recognising fractions: fifths, sixths and sevenths		[1] Multiplying by teen numbers	[1] Angles <i>Understanding angles as the amount of turn</i>
	[2] Reading and writing numbers to 400 in numerals		[2] + and - facts for 100 using multiples of 5 and 10 ☀MQ		[2] 4 × table ☀MQ			[2] Telling time to nearest 1 minute ☀MQ	[2] Recognising fractions: fifths, sixths, sevenths, eighths and ninths		[2] Multiplying multiples of ten by 1-digit numbers	[2] Angles <i>Identifying angles</i>
	[3] Reading and writing numbers in words		[3] Add a 3-digit number and ones		[3] 8 × table ☀MQ			[3] Different ways of expressing time 1:30pm; 1:30 in the afternoon; minutes past/minutes to	[3] Recognising fractions: fifths, sixths, sevenths, eighths, ninths and tenths ☀MQ		[3] Multiplying 2-digit numbers by 4	[3] Angles <i>Number of angles, number of sides; drawing and reflecting shapes and counting sides and angles</i>
	[4] Counting forwards in fours to 100		[4] Subtracting ones from a three-digit number (exchanging)		[4] 3 × table ☀MQ			[4] 24-hour clocks ☀MQ	☀RTP 3F-1←		[4] Multiplying 2-digit numbers by 8	[4] Right angles ☀MQ
	[5] Identifying and representing numbers ☀MQ		[5] Add a 3-digit number and tens; subtract tens from a 3-digit number		[5] Solving problems involving 3, 4 and 8 × tables			[5] Number of seconds in a minute	[4] Counting in tenths		[5] Multiplying 2-digit numbers by 8	[5] Turns
	[6] Ten more and ten less		[6] Adding multiples of ten (making the next hundred)		[6] Dividing by 4 ☀MQ			[6] The number of days in each month, year and leap year	[5] Finding halves			
	[7] Comparing and ordering numbers		[7] Subtracting multiples of ten (bridging hundreds: making the previous hundred) ☀MQ		[7] Dividing by 8 ☀MQ			[7] Finding and comparing durations of events	[6] Finding quarters			
	[8] Equivalence of 10 tens and 1 hundred ☀RTP 3NPV-1		[8] Add numbers with up to 3-digits (no exchanging)		[8] Dividing by 3 ☀MQ				[7] Finding fractions of quantities ☀ RTP 3F-2←			
			[9] Add numbers with up to 3-digits (exchanging)		☀RTP 3NF-2 2 RTP quizzes: 1 focuses on × facts and the other on ÷ facts				[8] Comparing and ordering fractions [a]			
			[10] Subtract numbers with up to 3 digits (no exchanging)						[9] Comparing and ordering fractions [b] ☀MQ			
			[11] Subtract numbers with up to 3-digits (exchanging)						☀ RTP 3F-3			
									[10] Equivalent fractions			

<sup>1</sup> RTP 3NF-1 focuses on making the next/previous ten, key skills for future success in KS2. Start + and – U1 reviewing these skills: the lessons are in the Y3 bridging unit.

☀ indicates a quiz linked to the content of the lesson/s. ☀MQ means the quiz is accessible via mathsquiz.org. ☀RTP means it is a Ready to Progress quiz. Where a RTP quiz also has a backward arrow symbol, ←, this is to indicate that the RTP focus also encompasses key content from earlier lessons: see RTP page on main website for details.

Block 2												
	1	2	3	4	5	6	7	8	9	10	11	12
Y3	Geometry	Money (U1)	Place value (U2)	Addition and subtraction (U2)	Multiplication and division (U3)	Fractions (U2)	Statistics					
	[6] Perpendicular lines  [7] Parallel lines ☀MQ  [8] 2-D shapes  [9] 3-D shapes	[1] Identifying amounts of money  [2] Making £1  [3] Making £2 and £5  [4] Equivalence  [5] Adding amounts of money  [6] Converting amounts of money  [7] Adding amounts of money (bridging £1)  ☀MQ Y3 quiz covers: Identifying amounts of money, equivalence, addition	[1] Reading and writing numbers to 700  [2] Counting forwards in fours to 400  [3] Counting backwards in fours from numbers up to 400 ☀MQ  [4] Counting to 700 in steps of 10, 50 and 100  [5] Reading scales with 2, 4, 5 or 10 intervals ☀RTP 3NPV-4  [6] Comparing numbers to 700  [7] Three-digit numbers in the linear number system ☀3NPV-3  [8] Solving problems ☀MQ	[1] Number facts for 100 and related facts ☀RTP 3AS-1←  [2] Estimation  [3] Column method for addition [a]  [4] Column method for addition [b] ☀RTP 3AS-2← Quiz focuses on addition  [5] Missing digits in column method for addition  [6] Column method for subtraction [a]  [7] Column method for subtraction [b] ☀RTP 3AS-2← Quiz focuses on subtraction	[1] 4 × table (and understanding commutative relationships using the multiplication grid)  [2] 8 × table and associated problems  [3] 3 × table and associated problems  [4] Multiplying teen numbers and multiplying multiples of ten  [5] Multiplying 2-digit numbers by 3  [6] Division facts linked to the 4 and 8 × tables ☀MQ  [7] Division facts linked to the 3 × table ☀MQ  [8] Dividing multiples of ten  [9] Dividing by partitioning (÷ by 4 and 8)  [10] Dividing by partitioning (÷ by 3) ☀MQ	[1] Adding fractions with the same denominator  [2] Subtracting fractions with the same denominator  [3] Addition and subtraction of fractions as inverse operations  [4] Subtracting from one whole ☀RTP 3F-4	[1] Sorting diagrams  [2] Carroll diagrams  [3] Venn diagrams ☀MQ  [4] Sorting diagrams (making connections between Venn diagrams, Carroll diagrams and tables)  [5] Sorting diagrams (tables, Carroll diagrams and Venn diagrams)  [6] Pictograms  [7] Bar charts  [8] Interpreting bar charts					

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Block 3												
	1	2	3	4	5	6	7	8	9	10	11	12
Y3	Place value (U3)	Calculation			Money (U2)	Length	Mass and volume	Patterns and relationships	School to determine focus			
	[1] Reading and writing numbers (to 1,000 in numerals and words) ☀MQ	[1] Scaling number facts by 10 (addition)	[2] Scaling number facts by 10 (subtraction) ☀ RTP 3NF-3←		[1] Revision of unit 1	[1] Estimating and measuring in m and cm	[1] Reading masses in grams	[1] Shrinking patterns ☀MQ	If time exists, it is suggested it is used to revisit the Ready to Progress focuses.			
	[2] Counting in multiples of 3, 4, 8, 50 and 100 ☀MQ	[3] Different methods for addition	[4] Different methods for subtraction		[2] Subtracting amounts of money (a)	[2] Converting lengths in m and cm to cm	[2] Reading masses in kilograms and grams ☀MQ	[2] Addition patterns on the number grid (a)				
	[3] Comparing and ordering numbers	[5] Addition and subtraction problems ☀MQ			[3] Subtracting amounts of money (b)	[3] Measuring in cm and mm	[3] Volume and capacity - revision	[3] Addition patterns on the number grid (b)				
	[4] Identifying and representing numbers	[6] Manipulate the additive relationship ☀ RTP 3AS-3			[4] Subtracting amounts of money (c)	[4] Comparing lengths written in different units ☀MQ	[4] Measuring in litres and millilitres	[4] Addition patterns on the number grid (c)				
	[5] Partitioning in different ways [a]	[7] Multiplication facts and multiplying 'teen' numbers (revision)			[5] Solving problems about money	[5] Perimeter [a]	[5] Solving problems about volume	[5] Subtraction patterns on the number grid (a)				
	[6] Partitioning in different ways [b]	[8] Column methods for multiplication				[6] Perimeter [b]		[6] Subtraction patterns on the number grid (b)				
	[7] Partitioning in different ways [c] ☀ RTP 3NPV-2←	[9] Multiplication problems			☀MQ Subtracting amounts of money							
	[8] Number grids	[10] Division – revision	[11] Multiplication and division problems ☀MQ									
		[11] Short division [a]	[12] Short division [b]									
		[11] Multiplication and division problems ☀MQ										
		☀ RTP 3MD-1←										

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