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 2023/24 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[1] 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 × 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' 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).

[1] RTP Ready to Progress

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

	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

Place value (U1)

[1] Reading and writing numbers to 300 in numerals

[2] Reading and writing numbers to 400 in numerals

[3] Reading and writing numbers in words

[4] Counting forwards in fours to 100

[5] Identifying and representing numbers ☼MQ

[6] Ten more and ten less

[7] Comparing and ordering numbers

[8] Equivalence of 10 tens and 1 hundred ☼**RTP 3NPV-1**

Addition and subtraction (U1)

☼**RTP 3NF–1**←[1]

[1] + facts for 100 using multiples of 5 and 10 ☼MQ

[2] + and - facts for 100 using multiples of 5 and 10 ☼MQ

[3] Add a 3-digit number and ones

[4] Subtracting ones from a three-digit number (exchanging)

[5] Add a 3-digit number and tens; subtract tens from a 3-digit number

[6] Adding multiples of ten (making the next hundred)

[7] Subtracting multiples of ten (bridging hundreds: making the previous hundred) ☼MQ

[8] Add numbers with up to 3-digits (no exchanging)

[9] Add numbers with up to 3-digits (exchanging)

[10] Subtract numbers with up to 3 digits (no exchanging)

[11] Subtract numbers with up to 3-digits (exchanging)

Multiplication and division (U1)

[1] 5 × table (revision)

[2] 4 × table ☼MQ

[3] 8 × table ☼MQ

[4] 3 × table ☼MQ

[5] Solving problems involving 3, 4 and 8 × tables

[6] Dividing by 4 ☼MQ

[7] Dividing by 8 ☼MQ

[8] Dividing by 3 ☼MQ

☼**RTP 3NF–2**
2 RTP quizzes: 1 focuses on × facts and the other on ÷ facts

Time

[1] Telling the time to the nearest 5 minutes

[2] Telling time to nearest 1 minute ☼MQ

[3] Different ways of expressing time 1:30pm; 1:30 in the afternoon; minutes past/minutes to

[4] 24-hour clocks ☼MQ

[5] Number of seconds in a minute

[6] The number of days in each month, year and leap year

[7] Finding and comparing durations of events

Fractions (U1)

[1] Recognising fractions: fifths, sixths and sevenths

[2] Recognising fractions: fifths, sixths, sevenths, eighths and ninths

[3] Recognising fractions: fifths, sixths, sevenths, eighths, ninths and tenths ☼MQ

☼**RTP 3F–1**←

[4] Counting in tenths

[5] Finding halves

[6] Finding quarters

[7] Finding fractions of quantities ☼ **RTP 3F–2**←

[8] Comparing and ordering fractions [a]

[9] Comparing and ordering fractions [b] ☼MQ

☼ **RTP 3F–3**

[10] Equivalent fractions

Multiplication /division (U2)

[1] Multiplying by teen numbers

[2] Multiplying multiples of ten by 1-digit numbers ☼MQ

[3] Multiplying 2-digit numbers by 4

[4] Multiplying 2-digit numbers by 8

Geometry

[1] Angles *Understanding angles as the amount of turn*

[2] Angles *Identifying angles*

[3] Angles *Number of angles, number of sides; drawing and reflecting shapes and counting sides and angles*

[4] Right angles ☼MQ

[5] Turns

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[1] 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	

Geometry

[6] Perpendicular lines

[7] Parallel lines ☼MQ

[8] 2-D shapes

[9] 3-D shapes

Money (U1)

[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

Place value (U2)

[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

Addition and subtraction (U2)

[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

Multiplication and division (U3)

[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

Fractions (U2)

[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**

Statistics

[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		

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 [2] Counting in multiples of 3, 4, 8, 50 and 100 ☼MQ [3] Comparing and ordering numbers [4] Identifying and representing numbers [5] Partitioning in different ways [a] [6] Partitioning in different ways [b] [7] Partitioning in different ways [c] ☼RTP 3NPV–2← [8] Number grids	[1] Scaling number facts by 10 (addition) [2] Scaling number facts by 10 (subtraction) ☼ RTP 3NF–3← [3] Different methods for addition [4] Different methods for subtraction [5] Addition and subtraction problems ☼MQ [6] Manipulate the additive relationship ☼ RTP 3AS–3 [7] Multiplication facts and multiplying 'teen' numbers (revision) [8] Column methods for multiplication [9] Multiplication problems [10] Division – revision [11] Short division [a] [12] Short division [b] [13] Multiplication and division problems ☼MQ ☼RTP 3MD–1←	[1] Revision of unit 1 [2] Subtracting amounts of money (a) [3] Subtracting amounts of money (b) [4] Subtracting amounts of money (c) [5] Solving problems about money ☼MQ Subtracting amounts of money	[1] Estimating and measuring in m and cm [2] Converting lengths in m and cm to cm [3] Measuring in cm and mm [4] Comparing lengths written in different units ☼MQ [5] Perimeter [a] [6] Perimeter [b]	[1] Reading masses in grams [2] Reading masses in kilograms and grams ☼MQ [3] Volume and capacity - revision [4] Measuring in litres and millilitres [5] Solving problems about volume	[1] Shrinking patterns ☼MQ [2] Addition patterns on the number grid (a) [3] Addition patterns on the number grid (b) [4] Addition patterns on the number grid (c) [5] Subtraction patterns on the number grid (a) [6] Subtraction patterns on the number grid (b)	If time exists, it is suggested it is used to revisit the Ready to Progress focuses.

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