## Year 6 NCETM Curriculum Map 2021







Assessment Questions for Y6 from the DFE Guidance

https://www.ncetm.org.uk/media/lxtlqmf5/cp-rtp-assessment-year-6.zip

Unit 1	Calculating using knowledge of structures (1) (6 Weeks)
RtPs	6AS/MD-1 Understand that 2 numbers can be related additively or
	multiplicatively, and quantify additive and multiplicative relationships
	(multiplicative relationships restricted to multiplication by a whole number).
	6AS/MD-2 Use a given additive or multiplicative calculation to derive or complete a related calculation, using arithmetic properties, inverse
	relationships, and place-value understanding.
NCETM	1.28 Common structures and the part–part–whole relationship
spine ref.	1.29 Using equivalence and the compensation property to calculate
Small step learning	Pupils explain how a combination of different parts can be equivalent to the same whole and can represent this in an expression
outcomes	2 Pupils identify structures within stories and use their knowledge of structures to create stories
	Pupils identify the missing part using their knowledge of part whole relationships and structures
	Pupils interpret and represent a part-whole problem with 3 addends using a model  Pupils create stories to correctly match a structure presented in a model
	6 Pupils use their knowledge of additive structures to solve problems
	7 Pupils calculate the value of a missing part (1)
	8 Pupils calculate the value of a missing part (2) 9 Pupils correctly represent an equation in a part-whole model
	10 Pupils explain how adjusting both addends affects the sum (2 digit numbers)
	11 Pupils explain how adjusting both addends affects the sum (decimal fractions)
	12 Pupils use the 'same sum' rule to balance equations
	Pupils use the 'same sum' rule to balance equations with an unknown
	14 Pupils explain how adjusting one addend affects the sum
	15 Pupils solve addition calculations mentally by using known facts
	16 Pupils solve calculations with missing addends
	Pupils explain how adjusting both the minuend and subtrahend by the same amount affects the difference
	Pupils explain how using the 'same difference' rule can make mental calculation easier (1)  Pupils explain how using the 'same difference' rule can make written calculation easier (2)
	20 Pupils use the 'same difference' rule to balance equations
	21 Pupils explain how increasing or decreasing the minuend affects the difference (1)
	Pupils explain how increasing or decreasing the minuend affects the difference (2) Pupils solve subtraction calculations mentally by using known facts
	<ul> <li>Pupils solve subtraction calculations mentally by using known facts</li> <li>Pupils explain how adjusting the minuend can make mental calculation easier</li> </ul>
	25 Pupils explain how adjusting the mindered carrinake mental calculation easier
	26 Pupils explain how increasing or decreasing the subtrahend affects the difference
	27 Pupils calculate the difference using their knowledge of an adjusted subtrahend (1)
Download	28 Pupils calculate the difference using their knowledge of an adjusted subtrahend (2)  Classroom Slides
Links	https://www.ncetm.org.uk/media/suwfix0e/cp-year-6-unit-1-calculating-using-knowledge-of-
	structures-1.pptx
	structures-1.pptx

Specific RtP Link	
6AS/MD-1 Page 298	
6AS/MD-2 Page 302	
	chor Guidanco
Spine Materials Tea	Cher Guidance
Spine Materials Tea 1.28 https://www.nce	tm.org.uk/media/tuzdfxwh/ncetm_mm_sp1_y5_se28_teach.pdf#page=5

Unit 2	Multiples of 1,000 (2 weeks)
RtPs	No RtP
NCETM spine ref.	1.26 Composition and calculation: multiples of 1,000 up to 1,000,000
Small step learning outcomes	<ul> <li>Pupils explain how ten thousand can be composed</li> <li>Pupils explain how one hundred thousand can be composed</li> <li>Pupils read and write numbers up to one million (1)</li> <li>Pupils read and write numbers up to one million (2)</li> <li>Pupils identify and place the position of five-digit multiple of one thousand numbers, on a marked, but unlabelled number line</li> <li>Pupils identify and place the position of six-digit multiple of one thousand numbers, on a marked, but unlabelled number line</li> <li>Pupils count forwards and backwards in steps of powers of 10, from any multiple of 1,000</li> <li>Pupils explain that 10,000 is composed of 5,000s 2,500s and 2,000s</li> <li>Pupils read scales in graphing and measures contexts, by using their knowledge of the composition of 10,000 and 100,000</li> </ul>
Download Links	Classroom Slides <a href="https://www.ncetm.org.uk/media/bebjaz4l/cp-year-6-unit-2-multiples-of-1000.pptx">https://www.ncetm.org.uk/media/bebjaz4l/cp-year-6-unit-2-multiples-of-1000.pptx</a> Specific RtP Link  No RtP  Spine Materials Teacher Guidance  1.26 <a href="https://www.ncetm.org.uk/media/amxludws/ncetm_mm_sp1_y5_se26_teach.pdf">https://www.ncetm.org.uk/media/amxludws/ncetm_mm_sp1_y5_se26_teach.pdf</a> #page=5

Unit 3	Numbers up to 10,000,000 (4 weeks)
RtPs	6NPV-1 Understand the relationship between powers of 10 from 1 hundredth to 10 million, and use this to make a given number 10, 100, 1,000, 1 tenth, 1 hundredth or 1 thousandth times the size (multiply and divide by 10, 100 and 1,000). 6NPV-2 Recognise the place value of each digit in numbers up to 10 million, including decimal fractions, and compose and decompose numbers up to 10 million using standard and non-standard partitioning. 6NPV-3 Reason about the location of any number up to 10 million, including decimal fractions, in the linear number system, and round numbers, as appropriate, including in contexts. 6NPV-4 Divide powers of 10, from 1 hundredth to 10 million, into 2, 4, 5 and 10 equal parts, and read scales/number lines with labelled intervals divided into 2, 4, 5 and 10 equal parts.
NCETM spine ref.	1.30 Composition and calculation: numbers up to 10,000,000
Small step learning outcomes	Pupils use representations to identify and explain patterns in powers of 10 Pupils compose seven or eight-digit numbers using common intervals Pupils use their knowledge of the composition of up to eight-digit numbers to solve problems Pupils explain how to read numbers with up to seven digits efficiently Pupils recognise and create numbers that contain place-holding zeroes Pupils determine the value of digits in numbers up to tens of millions Pupils explain how to compare up to eight-digit numbers Pupils use their knowledge of the composition of seven-digit numbers to solve problems Pupils add and subtract mentally without bridging a boundary (only one and more than one digit changes) Pupils add numbers whilst crossing the millions boundary

	Pupils subtract numbers whilst crossing the millions boundary (multiples of 100,000 and
	different powers of 10)
	Pupils explain how a seven-digit number can be composed and decomposed into parts
	Pupils identify and explain a pattern in a counting sequence
	14 Pupils identify numbers with up to seven digits on marked number lines
	Pupils estimate the value and position of numbers on unmarked or partially marked number lines
	16 Pupils explain why we round and how to round seven-digit numbers to the nearest million
	17 Pupils explain how to round seven-digit numbers to the nearest hundred thousand
	18 Pupils explain how to round up to seven-digit numbers to any power of 10 in context
	19 Pupils identify and explain the most efficient way to solve a calculation
	20 Pupils add and subtract numbers with up to seven digits using column addition and
	subtraction
	21 Pupils explore and explain different written and mental strategies to solving addition and
	subtraction problems
	22 Pupils solve addition and subtraction problems and explain whether a mental or written
	strategy would be most efficient
Download	Classroom Slides
Links	https://www.ncetm.org.uk/media/sptdce0j/cp-year-6-unit-3-numbers-up-to-10-000-000.pptx
	Specific RtP Link
	6NPV-1 Page 282
	6NPV-2 Page 286
	6NPV-3 Page 289
	6NPV-4 Page 294
	Spine Materials Teacher Guidance
	1.30 https://www.ncetm.org.uk/media/sbrc5pmz/ncetm_mm_sp1_y6_se30_teach.pdf#page=4

Unit 4	Draw, compose and decompose shapes (2 weeks)
RtPs	6G–1 Draw, compose, and decompose shapes according to given properties, including dimensions, angles and area, and solve related problems.
NCETM spine ref.	No spine
Small step learning outcomes	<ul> <li>Use knowledge of shape properties to draw, sketch and identify shapes</li> <li>The same 3D shape can be composed from different 2D nets</li> <li>When a 2D shape is decomposed and the parts rearranged, the area remains the same. The area of a compound shape is therefore equal to the total of the areas of the constituent parts</li> <li>Any parallelogram can be decomposed and the parts rearranged to form a rectangular parallelogram</li> <li>Two congruent triangles can be composed to form a parallelogram</li> <li>Shapes with the same area can have different perimeters. Shapes with the same perimeters can have different areas</li> <li>We can use the relationship between area and side length, and perimeter and side length, to reason about measurements of shapes, including compound shapes</li> </ul>
Download Links	Classroom Slides https://www.ncetm.org.uk/media/5sndx4ag/cp-year-6-unit-4-draw-compose-decompose-shapes.pptx  Specific RtP Link 6G-1 Page 322  Spine Materials Teacher Guidance No spine

Unit 5	Multiplication and division (4 weeks)	
RtPs	6AS/MD–2 Use a given additive or multiplicative calculation to derive or	
	complete a related calculation, using arithmetic properties, inverse	
	relationships, and place-value understanding.	
NCETM	2.18 Using equivalence to calculate	
spine ref.	2.23 Multiplication strategies for larger numbers and long multiplication	
	2.24 Division: dividing by two-digit divisors	
	2.25 Using compensation to calculate	
Small	Pupils explain why the product stays the same when one factor is doubled and the other is	
step	halved	
learning	2 Pupils explain the effect on the product when scaling the factors by the same amount	
outcomes	Pupils use their knowledge of equivalence when scaling factors to solve problems  Pupils explain the effect on the quotient when scaling the dividend and divisor by 10	
	5 Pupils explain the effect on the quotient when scaling the dividend and divisor by the same	
	amount	
	6 Pupils explain how to multiply a three-digit by a two-digit number	
	7 Pupils explain how to accurately use the method of long multiplication to multiply two, two-	
	digit numbers (no regrouping of ones to tens)  8 Pupils explain how to accurately use the method of long multiplication (with regrouping of	
	ones to tens)	
	9 Pupils explain how to accurately use the method of long multiplication (with regrouping of	
	ones to tens & tens to hundreds)	
	Pupils explain how to accurately use the method of long multiplication to multiply a three-digit	
	by a two-digit number	
	Pupils explain how to accurately use the method of long multiplication to multiply a four-digit by a two-digit number	
	Pupils explain how to use the associative law to multiply efficiently	
	Pupils explain when it is more efficient to use long multiplication or factorising to multiply by	
	two-digit numbers	
	Pupils explain how to use accurately the methods of short and long division (two and three-	
	digit number by multiples of 10)  15 Pupils explain how to use accurately the method of long division with and without remainders	
	(two-digit by two-digit numbers)	
	Pupils use knowledge of long division to solve problems in a range of contexts (with and	
	without remainders)	
	Pupils explain how to use a ratio chart to solve efficiently: short division  Pupils explain how to use a ratio chart to solve efficiently: long division	
	Pupils explain how to use a ratio chart to solve efficiently: long division (II)	
	Pupils explain how to use accurately the method of long division with and without remainders	
	(three-digit by two-digit, four-digit by two-digit numbers)	
	Pupils use long division with decimal remainders (1 decimal place)	
	Pupils use long division with fraction remainders Pupils use long division with decimal remainders (2 decimal places)	
	Pupils use knowledge of the best way to interpret and represent remainders from a range of	
	division contexts	
	Pupils explain how and why a product changes when a factor changes multiplicatively	
	Pupils use their knowledge of multiplicative change to solve problems efficiently	
	(multiplication) 27 Pupils explain how and why a quotient changes when a dividend changes multiplicatively	
	(increase or decrease)	
	Pupils explain how and why a quotient changes when a divisor changes multiplicatively	
	29 Pupils identify and explain the relationship between divisors and quotients	
Download	Classroom Slides	
Links	https://www.ncetm.org.uk/media/3y4nb14k/cp-year-6-unit-5-multiplication-and-division.pptx	
	Specific RtP Link	
	6AS/MD-2 Page 302	
	Online Materials Transfers Onlines	
	Spine Materials Teacher Guidance 2.18 https://www.ncotm.org.uk/modia/oikhygl5/ncotm.spine2.segment18.y5.ndf#page=3	
	2.18 <a href="https://www.ncetm.org.uk/media/eikhvgl5/ncetm_spine2_segment18_y5.pdf#page=3">https://www.ncetm.org.uk/media/eikhvgl5/ncetm_spine2_segment18_y5.pdf#page=3</a> 2.23 <a href="https://www.ncetm.org.uk/media/p22ldwpi/ncetm_spine2_segment23_y6.pdf#page=18">https://www.ncetm.org.uk/media/p22ldwpi/ncetm_spine2_segment23_y6.pdf#page=18</a>	
	2.24 https://www.ncetm.org.uk/media/grsozl2r/ncetm_spine2_segment24_y6.pdf#page=9	
	2.25 https://www.ncetm.org.uk/media/4x1hcqpk/ncetm_spine2_segment25_y6.pdf#page=3	

Unit 6	Area, perimeter, position and direction (2 weeks)
RtPs	No RtP
NCETM spine ref.	2.30 Multiplicative contexts: area and perimeter 2
Small step learning outcomes	Pupils explain how to calculate the area of a parallelogram Pupils explain how to calculate the area of a triangle Pupils explain why shapes can have the same perimeters but different areas Pupils explain why shapes can have the same areas but different perimeters Pupils describe the relationship between scale factors and side lengths of two shapes Pupils describe the relationship between scale factors and perimeters of two shapes Pupils describe positions on the full coordinate grid (all four quadrants) Pupils draw and translate simple shapes on the coordinate plane and reflect them in the axes
Download Links	Classroom Slides https://www.ncetm.org.uk/media/sb4oqxau/cp-year-6-unit-6-area-perimeter-position-and-direction.pptx  Specific RtP Link No RtP  Spine Materials Teacher Guidance 2.30 https://www.ncetm.org.uk/media/mbmej2b2/ncetm_spine2_segment30_y6.pdf#page=4

Unit 7	Fractions and percentages (6 weeks)
RtPs	6F–1 Recognise when fractions can be simplified, and use common factors
	to simplify fractions.
	6F–2 Express fractions in a common denomination and use this to compare
	fractions that are similar in value.
	6F–3 Compare fractions with different denominators, including fractions
	greater than 1, using reasoning, and choose between reasoning and common
	denomination as a comparison strategy.
NCETM	3.7 Finding equivalent fractions and simplifying fractions
spine ref.	3.8 Common denomination: more adding and subtracting
	3.9 Multiplying fractions and dividing fractions by a whole number
	3.10 Linking fractions, decimals and percentages
Small step	Pupils explain how to write a fraction in its simplest form
learning	2 Pupils reason and apply their knowledge of how to write a fraction in its simplest form
outcomes	3 Pupils use their knowledge of how to write a fraction in its simplest form when solving
	addition and subtraction problems (1)
	4 Pupils use their knowledge of how to write a fraction in its simplest form when solving addition and subtraction problems (2)
	5 Pupils use their knowledge of how to write a fraction in its simplest form when solving
	multiplication problems
	6 Pupils explain, using an image, how to add related fractions (unit fractions)
	7 Pupils explain what is meant by 'related fractions'
	8 Pupils explain, without using an image, how to add related fractions
	9 Pupils use their knowledge of adding related fractions to solve problems in a range of contexts
	10 Pupils explain, with and without using an image, how to subtract related fractions (unit
	fractions)
	11 Pupils use their knowledge of adding and subtracting related fractions to solve problems in a
	range of contexts
	Pupils explain, with and without using an image, how to add and subtract related fractions (non-unit fractions)
	13 Pupils explain, with and without using an image, how to add and subtract related fractions
	(non-unit fractions that bridge the whole)
	Pupils use their fraction sense to fraction addition, subtraction and comparison
	15 Pupils explain how to add or subtract non-related fractions with different denominators
	16 Pupils use their knowledge of adding or subtracting non-related fractions with different
	denominators to solve problems in a range of contexts (non related fractions)
	17 Pupils explain how to compare pairs of non-related fractions (converting to common
	denominators)

	Pupils explain how to compare pairs of non-related fractions (using fraction sense)  Pupils explain how to compare pairs of non-related fractions (using common numerators)
	20 Pupils explain how to compare pairs of hori-related fractions (using common numerators)  20 Pupils explain which method for comparing non-related fractions is most efficient
	21 Pupils explain how to multiply two unit fractions
	22 Pupils explain how to multiply two non-unit fractions
	23 Pupils explain how to divide a unit fraction by a whole number
	24 Pupils explain how to divide a non-unit fraction by a whole number
	25 Pupils explain when and how to divide efficiently a fraction by a whole number
	26 Pupils explain what percent means
	Pupils explain how to represent a percentage in different ways
	Pupils explain how to convert percentages to decimals and fractions (with a denominator of 100)
	29 Pupils explain how to convert a percentage to a fraction (without denominator of 100)
	Pupils use their knowledge of fraction-decimal-percentage conversions to solve conversion problems in a range of contexts
	Pupils use their knowledge of calculating 50%, 10% and 1% of a number to solve problems in a range of contexts
	Pupils use their knowledge of calculating common percentages of a number to solve problems in a range of contexts
	Pupils use their knowledge of calculating any percentage of a number to solve problems in a range of contexts
	Pupils explain how to solve problems where the percentage part and the size of the part is known and the whole is unknown
	35 Pupils explain how to solve problems where the known percentage part and the size of the
	part changes the whole
Download	Classroom Slides
Links	https://www.ncetm.org.uk/media/b4rhtsxm/cp-year-6-unit-7-fractions-and-percentages.pptx
	Specific RtP Link  6F-1 Page 312  6F-2 Page 316
	6F-3 Page 319
	Spine Materials Teacher Guidance
	3.7 https://www.ncetm.org.uk/media/d45jqjsc/ncetm_spine3_segment07_y5.pdf#page=36
	3.8 https://www.ncetm.org.uk/media/uxlfqsg5/ncetm_spine3_segment08_y5.pdf#page=4
	3.9 https://www.ncetm.org.uk/media/a05nb5mi/ncetm_spine3_segment09_y6.pdf#page=13 3.10 https://www.ncetm.org.uk/media/bjbla4ci/ncetm_spine3_segment10_y6.pdf#page=22
	3.10 https://www.ncetin.org.uk/media/bjbia4ci/ncetin_spines_segment10_yo.pdi#page=22

Unit 8	Statistics (1 week)
RtPs	This topic is part of the National Curriculum but is not included in the DfE 2020 guidance or the NCETM Mastery PD Materials.
NCETM spine ref.	No spine
Small step learning outcomes	National curriculum statutory requirements (p45)  Pupils should be taught to:  interpret and construct pie charts and line graphs and use these to solve problems  calculate and interpret the mean as an average.  National curriculum notes and guidance (non-statutory)  Pupils connect their work on angles, fractions and percentages to the interpretation of pie charts.  Pupils both encounter and draw graphs relating two variables, arising from their own enquiry and in other subjects. They should connect conversion from kilometres to miles in measurement to its graphical representation. Pupils know when it is appropriate to find the mean of a data set.
Download Links	Classroom Slides No slides but see the NCETM website for further guidance: <a href="https://www.ncetm.org.uk/classroom-resources/cp-year-6-unit-8-statistics/">https://www.ncetm.org.uk/classroom-resources/cp-year-6-unit-8-statistics/</a> Specific RtP Link No RtP  Spine Materials Teacher Guidance No spine

Unit 9	Ratio and proportion (2 weeks)
RtPs	6AS/MD–3 Solve problems involving ratio relationships.
NCETM spine ref.	2.27 Scale factors, ratio and proportional reasoning
Small step learning outcomes	<ul> <li>Pupils describe the relationship between two factors (in a ratio context)</li> <li>Pupils explain how to use multiplication and division to calculate unknown values (two variables)</li> <li>Pupils explain how to use multiplication and division to calculate unknown values (three variables)</li> <li>Pupils explain how to use a ratio grid to calculate unknown values</li> <li>Pupils explain how to use multiplication to solve correspondence problems</li> <li>Pupils explain how and why scaling is used to make and interpret maps</li> <li>Pupils will use their knowledge of multiplication and division to solve scaling problems in a range of contexts</li> <li>Pupils identify and describe the relationship between two shapes using scale factors (squares)</li> <li>Pupils identify and describe the relationship between two shapes using scale factors and ratios (regular polygons)</li> <li>Pupils identify and describe the relationship between two shapes using scale factors and ratios (irregular polygons)</li> </ul>
Download Links	Classroom Slides https://www.ncetm.org.uk/media/c4gbb2my/cp-year-6-unit-9-ratio-and-proportion.pptx  Specific RtP Link 6AS/MD 3 Page 305  Spine Materials Teacher Guidance 2.27 https://www.ncetm.org.uk/media/bspfn3zj/ncetm_spine2_segment27_y6.pdf#page=4

Unit 10	Calculating using knowledge of structures (2) (1 week)
RtPs	6AS/MD-2 Use a given additive or multiplicative calculation to derive or
	complete a related calculation, using arithmetic properties, inverse relationships, and place-value understanding.
NCETM spine ref.	1.29 Using equivalence and the compensation property to calculate
Small step	1 Pupils explain how to balance equations with addition expressions
learning	2 Pupils explain how to balance equations with subtraction expressions
outcomes	3 Pupils explain how to balance equations with addition or subtraction expressions
	4 Pupils explain how to balance equations with addition and subtraction expressions
	5 Pupils use their knowledge of balancing equations to solve problems
Download	Classroom Slides
Links	https://www.ncetm.org.uk/media/dfon1cyt/cp-year-6-unit-10-calculating-using-knowledge-of-
	structures-2.pptx
	Specific RtP Link
	6AS/MD-2 Page 302
	Spine Materials Teacher Guidance
	1.29 https://www.ncetm.org.uk/media/k1ocl1bp/ncetm_mm_sp1_y5_se29_teach.pdf#page=49

Unit 11	Solving problems with two unknowns (2 weeks)
RtPs	6AS/MD-4 Solve problems with 2 unknowns.
NCETM spine ref.	1.31 Problems with two unknowns
Small step learning outcomes	Pupils compare the structure of problems with one or two unknowns Pupils compare the structure of problems with two unknowns Pupils represent the structure of contextual problems with two unknowns Pupils represent a problem with two unknowns using a bar model Pupils explain why sometimes there is only one solution to a sum and difference problem Pupils explain why sometimes there is only one solution to a sum and multiple problem Pupils explain the values a part-whole model could represent Pupils use a bar model to visualise how to solve a problem with two unknowns Pupils use diagrams to explain how to solve a spatial problem Pupils explain how to represent an equation with a bar model Pupils solve problems with two unknowns in a range of contexts Pupils systematically solve problems with two unknowns using 'trial and improvement' (one and several solutions) Pupils explain how I know I have found all possible solutions to problems with two unknowns Pupils explain how to balance an equation with two unknowns Pupils systematically solve problems with two unknowns Pupils systematically solve problems with two unknowns pupils explain how to balance an equation with two unknowns pupils explain how to balance an equation with two unknowns pupils explain how to balance an equation with two unknowns pupils explain how to balance an equation with two unknowns pupils explain how to balance an equation with two unknowns pupils explain how to balance an equation with two unknowns pupils explain how to balance an equation with two unknowns pupils explain how to balance an equation with two unknowns pupils explain how to balance an equation with two unknowns
Download Links	Classroom Slides https://www.ncetm.org.uk/media/bosbyjxq/cp-year-6-unit-11-solving-problems-with-two-unknowns.pptx  Specific RtP Link 6AS/MD-4 Page 308  Spine Materials Teacher Guidance 1.31 https://www.ncetm.org.uk/media/bclpgdik/ncetm_mm_sp1_y6_se31_teach.pdf#page=6

Unit 12	Order of operations
RtPs	No RtP
NCETM spine ref.	2.22 Combining multiplication with addition and subtraction 2.28 Combining division with addition and subtraction
Small step learning outcomes	Pupils explain how addition and subtraction can help to solve multiplication problems efficiently (I)  Pupils explain how addition and subtraction can help to solve multiplication problems efficiently (II)  Pupils explain how the distributive law applies to multiplication expressions with a common factor (addition)  Pupils use their knowledge of the distributive law to solve equations including multiplication, addition and subtraction  Pupils explain how addition and subtraction can help to solve division problems efficiently Pupils explain how the distributive law applies to division expressions with a common divisor (addition)  Pupils explain how the distributive law applies to division expressions with a common divisor (subtraction)  Pupils use their knowledge of the distributive law to solve equations including division, addition and subtraction
Download Links	Classroom Slides https://www.ncetm.org.uk/media/5nie0xsk/cp-year-6-unit-12-order-of-operations.pptx  Specific RtP Link No RtP  Spine Materials Teacher Guidance 2.22 https://www.ncetm.org.uk/media/rlophhd1/ncetm_spine2_segment22_y5.pdf#page=3 2.28 https://www.ncetm.org.uk/media/mqapxp21/ncetm_spine2_segment28_y6.pdf#page=3

Unit 13	Mean average
RtPs	No RtP
NCETM spine ref.	2.26 Mean average and equal shares
Small step	1 Pupils explain the relationship between the mean and sharing equally
learning	2 Pupils explain how to calculate the mean of a set of data
outcomes	3 Pupils explain how the mean changes when the total quantity or number of values changes
	4 Pupils explain how to calculate the mean when one of the values in the data set is zero or
	missing
	5 Pupils explain how to use the mean to make comparisons between two sets of information
	6 Pupils explain when the mean is not an appropriate representation of a set of data
Download	Classroom Slides
Links	https://www.ncetm.org.uk/media/kscnbkst/cp-year-6-unit-13-mean-average.pptx
	Specific RtP Link
	No RtP
	Spine Materials Teacher Guidance
	2.26 https://www.ncetm.org.uk/media/h1lfx1if/ncetm_spine2_segment26_y6.pdf#page=4