The Big Maths Journey:
Clearly Defined End Points

Big Maths: Reception Term 1 End Points

CLIC Challenge 1			
	Step Location in the CLIC framework		Title of Step
	Progress Drive	Step No.	
Q1	Early Years: Counting, Saying Numbers: 1 to 10	4	1, 2, 3, 4, 5, 6, 7
Q2	Counting: Saying Numbers	1	Pupils can count to 10
Q3	Early Years: Counting, Reading Numbers: 1 to 10	3	1, 2, 3
Q4	Early Years: Counting, Reading Numbers: 1 to 10	4	4, 5
Q5	Counting: Actual Counting	1	Pupils can count 3 objects
Q6	Early Years: Learn Its, My Body Learn Its	4	Pupils know they have 10 fingers
Q7	Early Years: Learn Its, My Finger Double Learn Its	2	Double 2 is 4
Q8	Early Years: Learn Its, My Halving Learn Its	2	Half of 4 is 2
Q9	Learn Its	1	1 + 1, 2 + 2
Q10	Learn Its	2	3 + 3, 4 + 4, 5 + 5

Big Maths: Reception Term 2 End Points

CLIC Challenge 2			
	Step Location in the CLIC framework		**Title of Step**
	Progress Drive	**Step No.**	
Q1	Early Years: Counting, Saying Numbers: 11 to 20	2	11, 12, 13
Q2	Counting: Reading Numbers	1	Pupils can read 1d numbers
Q3	Counting: Actual Counting	3	Pupils can count 5 objects
Q4	Counting: Actual Counting	5	Pupils can count 10 objects
Q5	Counting: Mastery of Numbers	1	Pupils can understand numbers to 10
Q6	Counting, Counting Multiples: Multiples of 10	3	10, 20, 30, 40, 50
Q7	Early Years: Learn Its, My Body Learn Its	5	5 fingers + 5 fingers makes 10 fingers
Q8	INN: Doubling with Pim (without crossing 10)	1	Pupils can double 1d numbers
Q9	Early Years: Calculation, Addition	3	Pupils know “1 more than”
Q10	Early Years: Calculation, Subtraction	3	Pupils know “1 less than”

Big Maths: Reception Term 3 End Points

CLIC Challenge 3			
	Step Location in the CLIC framework		**Title of Step**
	Progress Drive	**Step No.**	
Q1	Counting: Saying Numbers	2	Pupils can count to 20
Q2	Early Years: Counting, Reading Numbers: 11 to 20	3	14, 15
Q3	Counting: Reading Numbers	2	Pupils can read the numbers 11 - 20
Q4	Counting: Actual Counting	6	Pupils can count 20 objects
Q5	Early Years: Counting, Actual Counting: 1 to 20 & From a Pile	5	10 objects from a pile
Q6	Early Years: Counting, Saying Numbers: Counting Backwards	2	10... 0
Q7	Counting: Counting On	5	Pupils can Count On & Count Back 5
Q8	Counting: Counting Multiples	1	Pupils can count in 10s
Q9	Calc: Addition	5	Pupils can add numbers of objects to 10
Q10	Calculation: Subtraction	5	Pupils can take away numbers of objects to 10

Big Maths: Year 1 Term 1 End Points

CLIC Challenge 4			
	Step Location in the CLIC framework		Title of Step
	Progress Drive	Step No.	
Q1	Counting: Saying Numbers	3	Pupils can count from 60 to 69
Q2	Counting: Saying Numbers	4	Pupils can count to 100
Q3	Counting: Reading Numbers	3	Pupils can read 2d multiples of 10
Q4	Counting: Reading Numbers	4	Pupils can read 2d numbers
Q5	Early Years: Counting, Counting Multiples: Multiples of 5	3	5, 10, 15, 20, 25
Q6	Counting: Counting Multiples	2	Pupils can count in 5s
Q7	Early Years: Counting, Counting Multiples: Multiples of 2	3	2, 4, 6, 8, 10
Q8	Early Years: INN, Who Won?	5	Pupils can use these words in a range of contexts
Q9	INN: Number Bonds to 10	1	Pupils can find the missing piece to 10
Q10	Early Years: Counting, Saying Numbers: Counting Backwards	3	20... 0

Big Maths: Year 1 Term 2 End Points

CLIC Challenge 5			
	Step Location in the CLIC framework		Title of Step
	Progress Drive	Step No.	
Q1	Counting: Reading Numbers	5	Pupils can read 3d multiples of 100
Q2	Counting: Mastery of Numbers	2	Pupils can understand numbers to 20
Q3	Early Years: Counting, Saying Numbers: Counting Backwards	4	100... 0
Q4	Early Years: Counting, Saying Numbers: Counting Backwards	4	100... 0
Q5	INN: Doubling with Pim (Without Crossing 10)	2	Pupils can double 2d multiples of 10
Q6	INN: Number Bonds to 10	1	Pupils can find the missing piece to 10
Q7	Calculation: Addition	6	Pupils can arrange a number sentence
Q8	Calculation: Addition	9	Pupils can solve addition on a number line
Q9	Calculation: Subtraction	6	Pupils can arrange a subtraction number sentence
Q10	Calculation: Subtraction	9	Pupils can solve subtraction on a number line

Big Maths: Year 1 Term 3 End Points

CLIC Challenge 6			
	Step Location in the CLIC framework		Title of Step
	Progress Drive	Step No.	
Q1	Counting: Place Value	1	Pupils can partition a 2d number
Q2	Counting: Mastery of Numbers	2	Pupils can understand numbers to 20
Q3	Counting: Counting Multiples	3	Pupils can count in 2s
Q4	Counting: Count Along in 4 Ways	1	1s / 2s / 5s / 25s
Q5	Counting: Count Along in 4 Ways	1	1s / 2s / 5s / 25s
Q6	INN: Fact Families	1	Pupils know the Fact Families for 1d + 1d facts
Q7	Calc: Addition	11	Pupils can add 2 or 3 to a number up to 20
Q8	Calc: Addition	12	Pupils can add a 1d number to a number to 20
Q9	Calc: Subtraction	11	Pupils can take 2 or 3 from a number up to 20
Q10	Calc: Subtraction	12	Pupils can take a 1d number from a number to 20

Big Maths: Year 2 Term 1 End Points

CLIC Challenge 7			
	Step Location in the CLIC framework		Title of Step
	Progress Drive	Step No.	
Q1	Counting: Count Along in 4 Ways	3	100s / 200s / 500s / 2500s
Q2	INN: Addition and Subtraction	1	Pupils can add tens
Q3	INN: Doubling with Pim (Without Crossing 10)	3	Pupils can double 2d numbers
Q4	INN: Doubling with Pim (With Crossing 10)	2	Pupils can double 2d multiples of 10
Q5	INN: Halving with Pim	2	Pupils know half of 30, 50, 70, 90
Q6	INN: Fact Families	2	Pupils can turn 1d + 1d facts into multiples of 10
Q7	Calculation: Addition	14	Pupils can add 10 to a 2d tens number
Q8	Calculation: Addition	15	Pupils can add 10 to any 2d number
Q9	Calculation: Subtraction	13	Pupils can take 10 from a multiple of 10
Q10	Calculation: Subtraction	14	Pupils can take 10 from a 2d number

Big Maths: Year 2 Term 2 End Points

CLIC Challenge 8			
	Step Location in the CLIC framework		Title of Step
	Progress Drive	Step No.	
Q1	Counting: Count Along in 4 Ways	2	10s / 20s / 50s / 250s I 50s
Q2	INN: Addition and Subtraction	2	Pupils can add hundreds
Q3	INN: Number Bonds to 10	2	Pupils can find the missing piece to the next multiple of 10
Q4	INN: Finding Multiples	1	Pupils can find Mully using their tables
Q5	Calculation: Addition	17	Pupils can solve 2d + 1d
Q6	Calculation: Addition	18	Pupils can add a 2d tens number to another one
Q7	Calculation: Subtraction	16	Pupils can take a 1d number from a multiple of 10
Q8	Calculation: Subtraction	17	Pupils can solve 2d - 1d
Q9	Calculation: Subtraction	18	Pupils can solve any 2d - 1d
Q10	Calculation: Subtraction	19	Pupils can solve any 3d - 1d

Big Maths: Year 2 Term 3 End Points

CLIC Challenge 9			
	Step Location in the CLIC framework		Title of Step
	Progress Drive	Step No.	
Q1	Counting: Mastery of Numbers	3	Pupils can understand 2d numbers
Q2	INN: Addition and Subtraction	3	Pupils can add thousands
Q3	INN: Doubling with Pim (with crossing 10)	3	Pupils can double 2d numbers
Q4	INN: Number Bonds to 10	3	Pupils can find the missing piece to 100
Q5	INN: Multiplying by 10	1	Pupils can multiply whole numbers by 10
Q6	Calculation: Addition	24	Pupils can add a 2d number to a 2d number
Q7	Calculation: Subtraction	27	Pupils can solve any 2d - 2d
Q8	Calculation: Division	17	Pupils can use a Tables Fact to find a division fact (with remainders) (x2 x3 x4 x5 tables)
Q9	Column Methods: Addition	1	Pupils can solve a 2d + 2d
Q10	Column Methods: Subtraction	1	Pupils can solve a 2d - 2d

Big Maths: Year 3 Term 1 End Points

CLIC Challenge 10			
	Step Location in the CLIC framework		Title of Step
	Progress Drive	Step No.	
Q1	Counting: Place Value	2 (i)	Pupils can partition a 3d number
Q2	INN: Addition and Subtraction	3	Pupils can add thousands
Q3	INN: Doubling with Pim (With Crossing 10)	3	Pupils can double 2d numbers
Q4	INN: Number Bonds to 10	3	Pupils can find the missing piece to 100
Q5	INN: Multiplying by 10	1	Pupils can multiply whole numbers by 10
Q6	Calculation: Addition	25	Pupils can solve any 2d + 2d
Q7	Calculation: Subtraction	28	Pupils can take any 2d number from 100
Q8	Calculation: Division	17	Pupils can use a tables fact to find a division fact (with remainders)
Q9	Column Methods: Addition	2	Pupils can solve any 2d + 2d
Q10	Column Methods: Subtraction	2	Pupils can solve any 2d - 2d

Big Maths: Year 3 Term 2 End Points

CLIC Challenge 11			
	Step Location in the CLIC framework		Title of Step
	Progress Drive	Step No.	
Q1	Counting: Counting Multiples	5	Pupils can count in 4s
Q2	INN: Doubling with Pim (Without Crossing 10)	4	Pupils can double 3d multiples of 100
Q3	INN: Doubling with Pim (With Crossing 10)	4	Pupils can double 3d numbers
Q4	INN: Multiplication	1	Pupils can multiply multiples of 10
Q5	INN: Coin Multiplication	3	Pupils can complete a full Coin Card
Q6	INN: Finding Multiples	2	Pupils can find Mully using 10 lots and a Tables Fact
Q7	Calculation: Addition	26	Pupils can solve 3d + 2d
Q8	Calculation: Addition	27	Pupils can solve any 3d + 2d
Q9	Column Methods: Addition	4	Pupils can solve any 3d + 2d
Q10	Column Methods: Subtraction	4	Pupils can solve any 3d - 2d

Big Maths: Year 3 Term 3 End Points

CLIC Challenge 12			
	Step Location in the CLIC framework		Title of Step
	Progress Drive	Step No.	
Q1	Counting: Place Value	3	Pupils can partition a 1dp number
Q2	Counting: Mastery of Numbers	4	Pupils can understand 3d numbers
Q3	INN: Doubling with Pim (With Crossing 10)	5	Pupils can double 3d numbers
Q4	INN: Multiplication	3	Pupils can write Smile Multiplication Fact Families
Q5	Calculation: Addition	28	Pupils can solve 3d + 3d
Q6	Calculation: Multiplication	11	Pupils can solve 1d x 2d
Q7	Calculation: Division	19	Pupils can combine 2 or more Tables Facts to solve division (with remainders)
Q8	Column Methods: Addition	6	Pupils can solve any 3d + 3d
Q9	Column Methods: Multiplication	1	Pupils can solve a 2d x 1d
Q10	Column Methods: Division	1	Pupils can solve a 2d ÷ 1d (using x2, 3, 4, 5) with no remainders inside the question

Big Maths: Year 4 Term 1 End Points

CLIC Challenge 13			
	Step Location in the CLIC framework		Title of Step
	Progress Drive	Step No.	
Q1	Counting: Place Value	4	Pupils can partition a 2dp number
Q2	Counting: Mastery of Numbers	5	Pupils can understand 4d numbers
Q3	Counting: Counting Multiples	9	Pupils can count in 9s
Q4	Counting: Count Along in 4 Ways	2	10s / 20s / 50s / 250s I 250s
Q5	Counting: Counting Along Scales	3	Pupils can still count along for all of 'Count Fourways'
Q6	INN: Number Bonds to 10	4	Pupils can find the missing piece to 1000
Q7	INN: Multiplying by 10	2	Pupils can multiply whole numbers by 100
Q8	Calculation: Multiplication	12	Pupils can solve any 1d x 1d
Q9	Column Methods: Subtraction	6	Pupils can solve any 4d - 2d or 3d
Q10	Column Methods: Division	2	Pupils can solve a 2d ÷ 1d (using x2, 3, 4, 5) with no remainders in the answer

Big Maths: Year 4 Term 2 End Points

CLIC Challenge 14			
	Step Location in the CLIC framework		Title of Step
	Progress Drive	Step No.	
Q1	Counting: Mastery of Numbers	6	Pupils can understand 1dp numbers
Q2	Counting: Count Along in 4 Ways	6	0.1s / 0.2s / 0.5s / 0.25s | 0.2s, 0.5s, 0.25s
Q3	Counting: Counting Along Scales	4	Pupils can even count along when there are no lines
Q4	INN: Addition and Subtraction	4	Pupils can add tenths
Q5	INN: Halving with Pim	4	Pupils know half of 3, 5, 7, 9 as decimals
Q6	INN: Dividing by 10	2	Pupils can divide whole numbers by 10 or 100 giving decimal answers
Q7	Calculation: Addition	29	Pupils can solve any 3d + 3d
Q8	Calculation: Multiplication	14	Pupils can solve any 1d x 2d
Q9	Column Methods: Addition	7	Pupils can solve any 4d + 2d or 3d
Q10	Column Methods: Multiplication	2	Pupils can solve any 2d x 1d

Big Maths: Year 4 Term 3 End Points

CLIC Challenge 15			
	Step Location in the CLIC framework		Title of Step
	Progress Drive	Step No.	
Q1	Counting: Mastery of Numbers	7	Pupils can understand 2dp numbers
Q2	INN: Halving with Pim	6	Pupils can halve any 3d number
Q3	INN: Finding Multiples	3	Pupils can find Mully using Smile Multiplication
Q4	INN: Multiple-Factor-Prime	2	Pupils can find factors
Q5	Calculation: Subtraction	30	Pupils can solve 3d - 2d
Q6	Calculation: Division	21	Pupils can use a Tables Fact to find a division fact (with remainders)
Q7	Calculation: Division	23	Pupils can combine 2 or more Tables Facts to solve division (with remainders)
Q8	Column Methods: Subtraction	7	Pupils can solve any 4d - 4d
Q9	Column Methods: Multiplication	3	Pupils can solve any 3d x 1d
Q10	Column Methods: Division	5	Pupils can solve a 4d ÷ 1d (using any table) with no remainders in answer

Big Maths: Year 5 Term 1 End Points

CLIC Challenge 16			
	Step Location in the CLIC framework		Title of Step
	Progress Drive	Step No.	
Q1	INN: Addition and Subtraction	5	Pupils can add hundredths
Q2	INN: Number Bonds to 10	5	Pupils can find the missing decimal piece
Q3	INN: Multiplying by 10	3	Pupils can multiply decimals by 10
Q4	INN: Multiplication	4	Pupils can do Smile Multiplication for tenths
Q5	INN: Finding Multiples	4	Pupils can find Mully using Smile Multiplication and Tables Facts
Q6	Calculation: Addition	32	Pupils can solve 1dp + 1dp
Q7	Calculation: Addition	33	Pupils can solve any 1dp + 1dp
Q8	Calculation: Subtraction	31	Pupils can solve 4d - 2d
Q9	Calculation: Division	25	Pupils can use a Smile Multiplication fact to find a division fact (with remainders)
Q10	Column Methods: Multiplication	4	Pupils can solve any 2d x 2d

Big Maths: Year 5 Term 2 End Points

CLIC Challenge 17			
	Step Location in the CLIC framework		Title of Step
	Progress Drive	Step No.	
Q1	INN: Dividing by 10	4	Pupils can divide decimals by 100
Q2	INN: Multiplication	5	Pupils can do Smile Multiplication for hundredths
Q3	INN: Finding Multiples	5	Pupils can find Mully using Coin Multiplication
Q4	INN: Multiple-Factor-Prime	3	Pupils can understand square numbers
Q5	Calculation: Addition	35	Pupils can solve any 1d.1dp + 1d.1dp
Q6	Calculation: Subtraction	32	Pupils can solve 3d - 3d
Q7	Column Methods: Addition	9	Pupils can use Column Addition for several numbers
Q8	Column Methods: Subtraction	8	Pupils can solve any 5d - 5d
Q9	Column Methods: Multiplication	5	Pupils can solve any 3d x 2d
Q10	Column Methods: Division	6	Pupils can solve any 2d ÷ 1d and 3d ÷ 1d with remainders

Big Maths: Year 5 Term 3 End Points

CLIC Challenge 18			
	Step Location in the CLIC framework		Title of Step
	Progress Drive	Step No.	
Q1	Counting: Place Value	5	Pupils can partition a 3dp number
Q2	Counting: Mastery of Numbers	9	Pupils can understand 5, 6, 7, 8d numbers
Q3	Counting: Count Along in 4 Ways	7	-1s / -2s / -5s / -25s I -25s
Q4	Counting: Counting Along Scales	6	Pupils can find the gap between 2 negative numbers
Q5	INN: Multiplying by 10	5	Pupils can multiply whole numbers and decimals by 1000
Q6	INN: Multiple-Factor-Prime	4	Pupils understand prime numbers
Q7	Calculation: Addition	37	Pupils can solve any additions with 2dp
Q8	Calculation: Subtraction	35	Pupils can subtract numbers with tenths
Q9	Calculation: Division	30	Pupils can combine 2 or more Coin Facts to solve division
Q10	Column Methods: Addition	10	Pupils can solve any 5d + 5d

Big Maths: Year 6 Term 1 End Points

CLIC Challenge 19			
	Step Location in the CLIC framework		Title of Step
	Progress Drive	Step No.	
Q1	Counting: Mastery of Numbers	10	Pupils can understand numbers with different decimal places
Q2	Counting: Counting Along Scales	7	Pupils can find the gap between a negative number and a positive number
Q3	Calculation: Addition	41	Pupils can solve any 2dp + 1dp
Q4	Calculation: Subtraction	37	Pupils can subtract numbers with different decimal places
Q5	Calculation: Multiplication	18	Pupils can solve 1d x 1d.2dp
Q6	Calculation: Division	33	Pupils can combine 2 or more table facts to solve decimal division
Q7	Column Methods: Addition	14	Pupils can add numbers with mixed amounts of decimal places
Q8	Column Methods: Subtraction	12	Pupils can subtract numbers with mixed amounts of dp
Q9	Column Methods: Multiplication	11	Pupils can solve any 1d.2dp x 2d
Q10	Column Methods: Division	10	Pupils can solve division with decimal places in the answer

Big Maths: Reception Term 1 End Points

SAFE Challenge 1			
	Step Location in the SAFE framework		Title of Step
	Progress Drive	Step No.	
Q1	Shape: 3D Shapes	2	Pupils can use 3D shapes when they play
Q2	Amounts: Amounts of Distance	2	Pupils can describe an object as tall or short
Q3	Amounts: Amounts of Money	2	Pupils can play 'shop'! 1 - buying things
Q4	Shape: Explore & Draw	4	Pupils can show interest in shapes around them
Q5	Shape: 2D Shapes	3	Pupils can describe simple 2D shapes
Q6	Shape: Position & Direction	6	Pupils can move themselves in lots of specific ways
Q7	Amounts: Amounts of Temperature	4	Pupils understand hotter and colder
Q8	Amounts: Amounts of Time	5	Pupils can describe periods of time
Q9	Amounts: Amounts of Turn	1	Pupils can make a whole turn
Q10	Dangerous Maths: Pattern Spotting	4	Pupils can create two colour patterns

Big Maths: Reception Term 2 End Points

SAFE Challenge 2			
	Step Location in the SAFE framework		Title of Step
	Progress Drive	Step No.	
Q1	Shape: 2D Shapes	5	Pupils recognise a circle
		6	Pupils recognise a square
		7	Pupils recognise a triangle
Q2	Shape: 3D Shapes	3	Pupils recognise a cube
		4	Pupils recognise a pyramid
		5	Pupils recognise a sphere
Q3	Shape: Position & Direction	7	Pupils can describe their own position
Q4	Amounts: Amounts of Distance	3	Pupils can compare 2 different amounts of distance
Q5	Amounts: Amounts of Mass	3	Pupils can compare 2 different amounts of mass
Q6	Amounts: Amounts of Money	3	Pupils can play 'shop'! 2 - identifying coins, narrating and giving change
Q7	Amounts: Amounts of Space	3	Pupils can compare 2 different amounts of space
Q8	Amounts: Amounts of Time	6	Pupils can order daily events
Q9	Fractions: Fractions of a Set	1	Pupils can show awareness of half of an amount
Q10	Dangerous Maths: Pattern Spotting	5	Pupils can create three colour patterns

Big Maths: Reception Term 3 End Points

SAFE Challenge 3			
	Step Location in the SAFE framework		Title of Step
	Progress Drive	Step No.	
Q1	Shape: Explore & Draw	6	Pupils can create a symmetrical picture
Q2	Shape: 2D Shapes	10	Pupils can identify 2D shapes in real life
Q3	Shape: 3D Shapes	7	Pupils can identify 3D shapes in real life
Q4	Shape: Position & Direction	8	Pupils can describe a variety of different positions, for them, others or objects as they play
Q5	Amounts: Amounts of Distance	4	Pupils can compare 3 different amounts of distance
Q6	Amounts: Amounts of Mass	4	Pupils can compare 3 different amounts of mass
Q7	Amounts: Amounts of Money	4	Pupils can play 'shop'! (3) (making simple calculations)
Q8	Amounts: Amounts of Space	4	Pupils can compare 3 different amounts of space
Q9	Amounts: Amounts of Time	7	Pupils can begin to measure time
		8	Pupils know about annual events
Q10	Dangerous Maths: Pattern Spotting	6	Pupils can spot, copy and create different patterns

Big Maths: Year 1 Term 1 End Points

SAFE Challenge 4			
	Step Location in the SAFE framework		Title of Step
	Progress Drive	Step No.	
Q1	Shape: Explore & Draw	7	Pupils can recognise symmetry around them
Q2	Shape: Position & Direction	9	Pupils can describe position, directions and movements
Q3	Amounts: Amounts of Distance	5	Pupils can compare amounts of distance by counting
Q4	Amounts: Amounts of Time	10	Pupils can place several events in chronological order
Q5	Fractions: Fractions of a Whole	1	Pupils understand a half
Q6	Fractions: Fractions of a Whole	2	Pupils can spot a half
Q7	Fractions: Fractions of a Set	3	Pupils can find half of a set of objects by sharing
Q8	Fractions: Fractions: Learn Its	1	Pupils know their finger doubles as fractions Learn Its
Q9	Explaining Data: Diagrams & Tables	5	Pupils can sort using two lists
Q10	Explaining Data: Diagrams & Tables	6	Pupils can sort using a circle

Big Maths: Year 1 Term 2 End Points

SAFE Challenge 5			
	Step Location in the SAFE framework		Title of Step
	Progress Drive	Step No.	
Q1	Shape: 2D Shapes	11	Pupils know that there are different shaped triangles
Q2	Amounts: Amounts of Distance	6	Pupils can compare amounts of distance, using words and numbers, in lots of different practical contexts
Q3	Amounts: Amounts of Mass	5	Pupils can compare amounts of mass by counting
Q4	Amounts: Amounts of Money	5	Pupils recognise specific coins and notes
Q5	Amounts: Amounts of Money	6	Pupils can use coins to make totals up to 10p
Q6	Amounts: Amounts of Space	5	Pupils can compare amounts of space by counting
Q7	Amounts: Amounts of Temperature	5	Pupils can use a range of words to describe temperature
Q8	Amounts: Amounts of Time: Telling the Time	1	Pupils can read o'clock times
Q9	Fractions: Fractions of a Set	4	Pupils can find a third of a set of objects by sharing
Q10	Dangerous Maths: Pattern Spotting	7	Pupils can extend patterns (including number)

Big Maths: Year 1 Term 3 End Points

SAFE Challenge 6			
	Step Location in the SAFE framework		Title of Step
	Progress Drive	Step No.	
Q1	Shape: 2D Shapes	13	Pupils can recognise many different types of familiar 2D shapes
Q2	Shape: 3D Shapes	10	Pupils can recognise many different types of familiar 3D shapes
Q3	Amounts: Amounts of Money	7	Pupils can use coins to make totals up to 20p
Q4	Amounts: Amounts of Time: Telling The Time	4	Pupils can read, write and draw 'half past'
Q5	Fractions: Fractions of a Whole	4	Pupils can spot a quarter
Q6	Fractions: Fractions of a Whole	6	Pupils can spot a third
Q7	Explaining Data: Diagrams & Tables	11	Pupils can explain tally charts
Q8	Explaining Data: Bar Charts	2	Pupils can explain counting towers
Q9	Dangerous Maths: Pattern Spotting	8	Pupils understand the pattern of odd and even numbers
Q10	Dangerous Maths: Algebra	2	Pupils know symbols can represent unknown numbers

Big Maths: Year 2 Term 1 End Points

SAFE Challenge 7			
	Step Location in the SAFE framework		Title of Step
	Progress Drive	Step No.	
Q1	Shape: Explore & Draw	8	Pupils can reflect a simple rectangle when given a vertical line of symmetry
Q2	Amounts: Amounts of Money	8	Pupils can use coins to make totals up to 100p
Q3	Amounts: Amounts of Time	14	Pupils know there are 24 hours in a day
Q4	Amounts: Amounts of Time	15	Pupils can count in 5 mins and know there are 60 minutes in an hour
Q5	Amounts: Amounts of Time: Telling The Time	5	Pupils can read, write and draw 'quarter past' and 'quarter to'
Q6	Amounts: Amounts of Turn	4	Pupils know that the word 'angle' describes amount of turn
Q7	Fractions: Fractions of a Whole	8	Pupils can find how many quarters
Q8	Explaining Data: Diagrams & Tables	13	Pupils can read a table
Q9	Explaining Data: Diagrams & Tables	14	Pupils can explain that a picture represents a quantity
Q10	Explaining Data: Diagrams & Tables	15	Pupils can explain a range of pictograms

Big Maths: Year 2 Term 2 End Points

SAFE Challenge 8			
	Step Location in the SAFE framework		Title of Step
	Progress Drive	Step No.	
Q1	Shape: Explore & Draw	9	Pupils can reflect a simple 2D shape when given a vertical line of symmetry
Q2	Shape: 2D Shapes	14	Pupils can recognise a quadrilateral and a hexagon
Q3	Shape: 2D Shapes	15	Pupils can recognise a pentagon and an octagon
Q4	Shape: 3D Shapes	12	Pupils can describe 3D shapes using different properties
Q5	Amounts: Amounts of Money	10	Pupils know that amounts over £1 can be written as 125p or '£1 and 25p'
Q6	Amounts: Amounts of Temperature	6	Pupils can use a thermometer to measure the temperature
Q7	Fractions: Fractions: Counting	2	Pupils can count in halves and record their counting as a mixed number
Q8	Fractions: Fractions: Counting	3	Pupils can count in halves and record as a mixed number and improper fraction
Q9	Explaining Data: Bar Charts	3	Pupils can read a bar chart
Q10	Dangerous Maths: Algebra	3	Pupils understand that '=' means 'the same amount as'

Big Maths: Year 2 Term 3 End Points

SAFE Challenge 9			
	Step Location in the SAFE framework		Title of Step
	Progress Drive	Step No.	
Q1	Shape: 2D Shapes	17	Pupils can compare and sort many 2D shapes
Q2	Amounts: Amounts of Distance	7, 10	Pupils can compare descriptions of distance in practical contexts and record the comparisons with symbols
	Amounts: Amounts of Mass	7, 10	Pupils can compare descriptions of mass in practical contexts and record the comparisons with symbols
	Amounts: Amounts of Space	7, 10	Pupils can compare descriptions of capacity in practical contexts and record the comparisons with symbols
Q3	Amounts: Amounts of Money	11	Pupils can give change from a pound
Q4	Amounts: Amounts of Time	19	Pupils can place different periods of time in order
Q5	Amounts: Amounts of Time: Telling The Time	8	Pupils can tell the time!
Q6	Amounts: Amounts of Turn	5	Pupils can recognise that a quarter turn is a right angle
Q7	Fractions: Fractions: Counting	4	Pupils can count in quarters
Q8	Fractions: Fractions: Learn Its	3	Pupils can quickly write out their fractions Learn Its
Q9	Fractions: Fractions: Learn Its	4	Pupils know all of their x2, x5, x10 tables as fractions Learn Its
Q10	Fractions: Fractions: It's Nothing New	3	Pupils can add and subtract halves, quarters and thirds

Big Maths: Year 3 Term 1 End Points

SAFE Challenge 10			
	Step Location in the SAFE framework		Title of Step
	Progress Drive	Step No.	
Q1	Shape: Explore & Draw	15	Pupils can recognise horizontal and vertical lines
Q2	Shape: Explore & Draw	16	Pupils can recognise parallel lines
Q3	Shape: Explore & Draw	17	Pupils can recognise perpendicular lines
Q4	Amounts: Amounts of Turn	8	Pupils can tell if an angle is greater than or less than a right angle
Q5	Amounts: Amounts of Turn	10	Pupils can spot right angles in shapes
Q6	Fractions: Fractions of a Whole	9	Pupils can tell you fractions equal to 1, e.g. two halves, three thirds, four quarters, etc.
Q7	Fractions: Fractions of a Whole	12	Pupils can find any simple fraction of any simple shape
Q8	Fractions: Fractions: Counting	6	Pupils can count in thirds
Q9	Fractions: Fractions: It's Nothing New	4	Pupils can add and subtract fractions with the same denominator (within 1)
Q10	Fractions: Fractions: Calculation	1	Pupils can see fractions as 'just another number'

Big Maths: Year 3 Term 2 End Points

SAFE Challenge 11			
	Step Location in the SAFE framework		Title of Step
	Progress Drive	Step No.	
Q1	Shape: Explore & Draw	19	Pupils use their knowledge of symmetry to recognise non-symmetrical shapes
Q2	Shape: 2D Shapes	18	Pupils can identify regular and irregular polygons
Q3	Amounts: Amounts of Distance	12	Pupils know their metre Learn It: 1m = 100cm
Q4	Amounts: Amounts of Distance	13	Pupils know their millimetre Learn It: 1cm = 10mm
Q5	Amounts: Amounts of Mass	12	Pupils know their mass Learn It: 1kg = 1000g
Q6	Amounts: Amounts of Space	12	Pupils know their capacity Learn It: 1L = 1000ml
Q7	Amounts: Amounts of Turn	11	Pupils can recognise acute angles
		12	Pupils can recognise obtuse angles
Q8	Fractions: Fractions: Counting	8	Pupils can record their tenths with decimals too
Q9	Explaining Data: Diagrams & Tables	18	Pupils can use a variety of Venn Diagrams
Q10	Explaining Data: Bar Charts	5	Pupils can explain a 1:2 scale bar chart

Big Maths: Year 3 Term 3 End Points

SAFE Challenge 12			
	Step Location in the SAFE framework		Title of Step
	Progress Drive	Step No.	
Q1	Amounts: Amounts of Time	22	Pupils know how many days in each month, year and leap year
Q2	Amounts: Amounts of Time: Telling the Time	9	Pupils can say how long until o'clock
Q3	Amounts: Amounts of Time: Telling the Time	11	Pupils can tell the time to the nearest minute
Q4	Amounts: Amounts of Time: Telling the Time	15	Pupils can convert time from analogue to 24-hour clock
Q5	Amounts: Amounts of Turn	13	Pupils can use acute and obtuse to accurately describe properties of shapes
Q6	Fractions: Fractions of a Whole	14	Pupils know any fraction equal to 1
Q7	Fractions: Fractions of a Set	9	Pupils can find fractions of amounts using their tables (1 part)
Q8	Fractions: Fractions of a Set	10	Pupils can find fractions of amounts using their tables (2 or more parts)
Q9	Fractions: Fractions: Calculation	2	Pupils can solve addition calculations with fractions
		3	Pupils can solve subtraction calculations with fractions
Q10	Dangerous Maths: Algebra	4	Pupils can use a two-step function machine

Big Maths: Year 4 Term 1 End Points

SAFE Challenge 13			
	Step Location in the SAFE framework		Title of Step
	Progress Drive	Step No.	
Q1	Shape: 2D Shapes	21	Pupils know 'The Triangle Family'
Q2	Amounts: Amounts of Distance	20	Pupils can find the perimeter in a variety of 2D shapes
Q3	Amounts: Amounts of Mass	16	Pupils can convert kilograms to grams
Q4	Amounts: Amounts of Money	15	Pupils can use decimal notation for money
Q5	Amounts: Amounts of Time	23	Pupils can calculate the number of days
Q6	Amounts: Amounts of Time	24	Pupils can convert periods of time
Q7	Amounts: Amounts of Time: Telling the Time	16	Pupils can convert time from 24-hour clock to analogue
Q8	Fractions: Fractions of a Whole	16	Pupils can use equivalence to find any simple fraction
Q9	Fractions: Fractions: It's Nothing New	5	Pupils can add and subtract fractions with the same denominator (beyond 1)
Q10	Fractions: Fractions: Calculation	4	Pupils can use their calculation skills to add/subtract fractions that make a whole number

Big Maths: Year 4 Term 2 End Points

SAFE Challenge 14			
	Step Location in the SAFE framework		Title of Step
	Progress Drive	Step No.	
Q1	Shape: 2D Shapes	22	Pupils know 'The Quadrilateral Family'
Q2	Shape: Position & Direction	15	Pupils can provide coordinates for a given point
Q3	Shape: Position & Direction	17	Pupils can use x and y coordinates to find points
Q4	Amounts: Amounts of Temperature	9	Pupils can read negative temperatures
Q5	Fractions: Fractions: Counting	12	Pupils can round numbers with 1dp
Q6	Fractions: Fractions: Learn Its	6	Pupils know all of their tables as fractions Learn Its
Q7	Fractions: Fractions: It's Nothing New	6	Pupils can multiply unit fractions (within 1)
Q8	Fractions: Fractions: Calculation	5	Pupils can simplify a fraction using their tables
Q9	Explaining Data: Bar Charts	10	Pupils can find how many more (or fewer) than a given value shown on the horizontal axis (with continuous data)
Q10	Explaining Data: Line Graphs	3	Pupils can explain a range of simple line graphs

Big Maths: Year 4 Term 3 End Points

SAFE Challenge 15			
	Step Location in the SAFE framework		Title of Step
	Progress Drive	Step No.	
Q1	Shape: 2D Shapes	23	Pupils can sort polygons by side number and identify specific triangles and quadrilaterals
Q2	Amounts: Amounts of Space	20	Pupils can convert litres to millilitres
Q3	Amounts: Amounts of Time	25	Pupils can calculate time gaps within an hour (5 min)
Q4	Amounts: Amounts of Time	26	Pupils can calculate time gaps across an hour (5 min)
Q5	Amounts: Amounts of Time	27	Pupils can calculate time gaps across several hours (5 min)
Q6	Fractions: Fractions of a Set	12	Pupils use all tables Learn Its to find fractions of amounts
Q7	Fractions: Fractions: Counting	13	Pupils can count in fifths
Q8	Fractions: Fractions: Counting	16	Pupils can record their hundredths with decimals too
Q9	Fractions: Fractions: Learn Its	7	Pupils know 1/2 = 0.5, 1/10 = 0.1, 1/4 = 0.25 3/4 = 0.75, 1/100=0.01
Q10	Fractions: Fractions: It's Nothing New	7	Pupils can multiply unit fractions (beyond 1)

Big Maths: Year 5 Term 1 End Points

SAFE Challenge 16			
	Step Location in the SAFE framework		Title of Step
	Progress Drive	Step No.	
Q1	Amounts: Amounts of Distance	25	Pupils can find the perimeter of compound shapes
Q2	Amounts: Amounts of Distance	26	Pupils can use the total perimeter to find missing side lengths
Q3	Amounts: Amounts of Turn	17	Pupils recognise 'reflex' angles
Q4	Amounts: Amounts of Turn	21	Pupils can use their right angle Learn Its to find simple missing angles
Q5	Fractions: Fractions: Counting	17	Pupils can round numbers with 2dp
Q6	Fractions: Fractions: Learn Its	8	Pupils know 1/5 = 0.2, 2/5 = 0.4, 4/5 = 0.8
Q7	Fractions: Fractions: Calculation	6	Pupils can simplify fractions ready for ordering... and order them
Q8	Fractions: Fractions: Calculation	7	Pupils can simplify fractions ready for calculating... and calculate with them
Q9	Dangerous Maths: Algebra	9	Pupils can find a missing number by calculating first
Q10	Shape: Explore and Draw	24	Pupils can recognise and draw diagonal lines

Big Maths: Year 5 Term 2 End Points

SAFE Challenge 17			
	Step Location in the SAFE framework		Title of Step
	Progress Drive	Step No.	
Q1	Shape: 3D Shapes	21	Pupils recognise different nets of cubes
Q2	Shape: Position & Direction	26	Pupils can move a shape in one direction
Q3	Amounts: Amounts of Turn	22	Pupils can accurately estimate acute, obtuse and reflex angles
Q4	Fractions: Fractions of a Set	13	Pupils can go beyond their tables to find fractions of an amount
Q5	Fractions: Fractions: Counting	18	Pupils can identify fractions less than 1, more than 1 or equal to 1
Q6	Fractions: Fractions: Calculation	8	Pupils can find equivalent fractions
Q7	Fractions: Fractions: Calculation	10	Pupils can find equivalent fractions ready for calculating... and calculate with them
Q8	Explaining Data: Line Graphs	6	Pupils can use a line graph to answer a range of information questions
Q9	Dangerous Maths: Pattern Spotting	14	Pupils can spot a steady gap and use it to find 2 consecutive missing numbers
Q10	Dangerous Maths: Algebra	11	Pupils can use their tables Learn Its to find the value of missing numbers represented by letters

Big Maths: Year 5 Term 3 End Points

SAFE Challenge 18			
	Step Location in the SAFE framework		Title of Step
	Progress Drive	Step No.	
Q1	Amounts: Amounts of Distance	27	Pupils can convert km and m in both directions and to 3dp
	Amounts: Amounts of Mass	17	Pupils can convert kg and g in both directions and to 3dp
	Amounts: Amounts of Space	23	Pupils can convert L and ml in both directions and to 3dp
Q2	Amounts: Amounts of Space	22	Pupils can calculate area using CLIC
Q3	Amounts: Amounts of Time	31	Pupils can convert times and then calculate time gaps
Q4	Amounts: Amounts of Turn	25	Pupils can use a protractor to measure a specified acute angle to the nearest 3°
		27	Pupils can use a protractor to measure a specified obtuse angle to the nearest 3°
		29	Pupils can use a protractor to measure a specified reflex angle to the nearest 3°
Q5	Fractions: Fractions: It's Nothing New	8	Pupils can use Smile Multiplication for fractions
Q6	Fractions: Fractions: Calculation	16	Pupils can multiply mixed numbers by whole numbers
Q7	Fractions: Fractions: Percentages	2	Pupils can see that percentages are proportions
Q8	Fractions: Fractions: Percentages	3	Pupils know all of their percentage Learn Its
Q9	Dangerous Maths: Pattern Spotting	17	Pupils can spot patterns where the gap is a fraction
Q10	Dangerous Maths: Algebra	12	Pupils can solve equations with brackets

Big Maths: Year 6 Term 1 End Points

SAFE Challenge 19			
	Step Location in the SAFE framework		Title of Step
	Progress Drive	Step No.	
Q1	Amounts: Amounts of Distance	30	Pupils can identify and measure the diameter of a circle
		31	Pupils can identify and measure the radius of a circle
Q2	Amounts: Amounts of Turn	32	Pupils know 180° = sum of interior angles in every triangle (and can therefore find missing angles)
Q3	Amounts: Amounts of Turn	33	Pupils know 360° = sum of interior angles in every quadrilateral and every circle (and can therefore find missing angles)
Q4	Fractions: Fractions of a Set	14	Pupils can tell you the total if they know the value of a fraction
Q5	Fractions: Fractions: Calculation	18	Pupils can use common factors to simplify
Q6	Fractions: Fractions: Calculation	20	Pupils can multiply one fraction by another
Q7	Fractions: Fractions: Percentages	5	Pupils can find percentages of convenient numbers
Q8	Fractions: Fractions: Ratio	11	Pupils can maintain a ratio through differing totals
Q9	Explaining Data: Pie Charts	4	Pupils can find missing angles, given the proportional value and the total value
		5	Pupils can find missing proportional values given the angle and the total value
Q10	Explaining Data: Averages	6	Pupils can find the mean value for a set of data

Big Maths: Year 6 Term 2 End Points

SAFE Challenge 20			
	Step Location in the SAFE framework		**Title of Step**
	Progress Drive	**Step No.**	
Q1	Shape: Position & Direction	36	Pupils can find missing coordinates for a variety of shapes (without drawing the shape)
Q2	Amounts: Amounts of Space	28	Pupils can calculate volume using CLIC
Q3	Amounts: Amounts of Temperature	15	Pupils can increase a temperature by a given amount (including through zero)
		16	Pupils can decrease a temperature by a given amount (including through zero)
Q4	Amounts: Amounts of Turn	34	Pupils can use all of their angle knowledge to find missing angles in lots of different contexts
Q5	Fractions: Fractions: Calculation	22	Pupils can convert, simplify and find equivalent fractions ready for calculating... and calculate with them
Q6	Fractions: Fractions: Calculation	23	Pupils can divide proper fractions by whole numbers
Q7	Fractions: Fractions: Calculation	24	Pupils can turn fractions into decimals (not recurring)
Q8	Fractions: Fractions: Percentages	8	Pupils can find percentages of any number
Q9	Explaining Data: Averages	10	Pupils can find the median value for a set of data
Q10	Dangerous Maths: Algebra	18	Pupils can use their understanding of the order of operations to carry out calculations

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