



# Big Maths CLIC Long Term Planning Overview

Steps shown in each term indicate where a new step is introduced. Previous steps recapped according to Big Maths online planning tool.

Term	Autumn	Spring	Summer
<b>Nursery</b>	<p><b>Little Big Maths</b>  <b>Amounts:</b>            Amounts Compared 1 – Step 1: Uses any adjective.            Amounts are Needed – Step 1: Asks for more.            Amounts are Needed – Step 2: Understands not enough.            Amounts are Needed – Step 3: Understands too much.            Amounts Change – Step 1: Bigger, hotter, older, faster etc.            Amounts Change – Step 2: Smaller, colder, younger, slower etc.            Amounts Change – Step 3: Amount in a group increases.            Amounts Change – Step 4: Amount in a group decreases.            No Amount (Zero) – Step 1: Understands ‘gone’.            No Amount (Zero) – Step 2: Understands ‘all gone’  <b>Counting:</b>            Saying Numbers: 1-10 – Step 1: Says some familiar numbers.</p>	<p><b>Little Big Maths</b>  <b>Amounts:</b>            Amounts Compared 1 – Step 2: Big, long, hot, old, far, fast.            Amounts Compared 1 – Step 3: Small, short, cold, young, near, slow.            Amounts are Needed – Step 4: Understands ‘just right’ in Goldilocks story.            Amounts Change – Step 5: Amount in a group doesn’t change.            Amounts Compared 2 – Step 1: Bigger, hotter, older, further, faster.            Amounts Compared 2 – Step 2: Smaller, colder, younger, nearer, slower.            Amounts Compared 3 – Step 1: Biggest, hottest, oldest, furthest, fastest.            Amounts Compared 3 – Step 2: Smallest, coldest, youngest, nearest. Slowest.  <b>Counting:</b>            Saying Numbers: 1-10 – Step 2: 1, 2, 3.</p>	<p><b>Little Big Maths</b>  <b>Amounts:</b>            Amounts Compared 1 – Step 4: Recognises lots.            Amounts Compared 1 – Step 5: Recognises few.            Amounts are Needed – Step 5: Understands ‘just right’ in a range of contexts.            Amounts Compared 2 – Step 3: Recognises more than.            Amounts Compared 2 – Step 4: Recognises less than.            Amounts Compared 3 – Step 3: Recognises most.            Amounts Compared 3 – Step 4: Recognises least.  <b>Counting:</b>            Saying Numbers: 1-10 – Step 3: 1, 2, 3, 4, 5.</p>
<b>Reception</b>	<p><b>Little Big Maths</b>  <b>Amounts:</b>            Amounts Compared 2 – Step 5: Recognises same.            Amounts Compared 3 – Step 5: Recognises same.  <b>Counting:</b>            Saying Numbers: 1-10 – Step 4: 1, 2, 3, 4, 5, 6, 7.            Saying Numbers: 1-10 – Step 5: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10.            Saying Numbers: 1-100 Skills – Step 1: Hello 1, Hello 2...</p> <p><b>Big Maths</b>  <b>Counting:</b>            Saying Numbers - Step 1: I can count to 10.            Actual Counting – Step 1: I can count 3 objects.  <b>Learn-its:</b>            1 + 1, 2 + 2  <b>It’s Nothing New:</b>            No new learning steps introduced.  <b>Calculation:</b>            No new learning steps introduced.</p>	<p><b>Little Big Maths</b>  <b>Amounts:</b>            No new learning steps introduced.  <b>Counting:</b>            Saying Numbers: 11-20 – Step 1: 11, 12.            Saying Numbers: 11-20 – Step 2: 11, 12, 13.</p> <p><b>Big Maths</b>  <b>Counting:</b>            Reading Numbers – Step 1: I can read 1d numbers.            Mastery of Numbers – Step 1: I can understand numbers to 10.            Actual Counting – Step 2 – I can count 4 objects.            Actual Counting – Step 3: I can count 5 objects.            Actual Counting – Step 4: I can count 6 objects.            Actual Counting – Step 5: I can count 10 objects.            Counting On – Step 1: I can count on and count back 1.  <b>Learn-its:</b>            3 + 3, 4 + 4, 5 + 5  <b>It’s Nothing New:</b>            Doubling with PIM (without crossing 10) – Step 1: I can double 1d numbers.  <b>Calculation:</b>            Addition – Step 1: I know when to add some more.            Addition – Step 2: I know how to find the total.            Subtraction – Step 1: I know when to take some away.            Subtraction – Step 2: I know to take some away, then count how many are left.            Division – Step 1: I can give out objects fairly.</p>	<p><b>Little Big Maths</b>  <b>Amounts:</b>            Amounts Compared by Counting – Step 1: Recognises biggest.            Amounts Compared by Counting – Step 2: Recognises smallest.            Amounts Compared by Counting – Step 3: Recognises ‘Most’.            Amounts Compared by Counting – Step 4: Recognises ‘Least’.            Amounts Compared by Counting – Step 5: Recognises ‘Same’.            No Amount (Zero) – Step 3: Can count back, taking away with support.            No Amount (Zero) – Step 4: Can count back with objects to zero.            No Amount (Zero) – Step 5: Can count back from 10, taking away.  <b>Counting:</b>            Saying Numbers: 11-20 – Step 3: 11, 12, 13, 14, 15.            Saying Numbers: 11-20 – Step 4: 11, 12, 13, 14, 15, 16, 17.            Saying Numbers: 11-20 – Step 5: 11, 12, 13, 14, 15, 16, 17, 18, 19, 20.            Saying Numbers: 1-100 Skills – Step 2: Twenty 1, Twenty 2...            Saying Numbers: 1-100 I’m Reading – Step 1: 1 to 20.</p> <p><b>Big Maths</b>  <b>Counting:</b>            Saying Numbers – Step 2: I can count to 20.            Reading Numbers – Step 2: I can read the numbers 11-20.            Actual Counting – Step 6: I can count 20 objects.            Counting On – Step 2: I can count on and count back 2.            Counting On – Step 3: I can count on and count back 3.            Counting On – Step 4: I can count on and count back 4.            Counting On – Step 5: I can count on and count back 5.            Counting Multiples – Step 1: I can count in 10s.  <b>Learn-its:</b>            2 + 1, 2 + 3, Multiples of 10  <b>It’s Nothing New:</b>            Swapping the Units – Step 1: Swap ‘the thing’ to another object.  <b>Calculation:</b>            Addition – Step 3: I add the right amount.            Addition – Step 4: I add the right amount and can count how many altogether.            Addition – Step 5: I can add numbers of objects to 10.            Subtraction – Step 3: I take the right amount.            Subtraction – Step 4: I take away the right amount and count how many are left.            Subtraction – Step 5: I can take away numbers of objects to 10.            Multiplication – Step 1: I can set out groups of toys when I play.            Multiplication – Step 2: I can find the total amount of toys.            Division – Step 2: I can count how many each person was given.</p>



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			Division – Step 3: I can share an even number of objects between two people. Division – Step 4: I can half an even number of objects. Division – Step 5: I can share 6, 9, 12 or 15 objects between 3 people.
<b>Year 1</b>	<p><b>Little Big Maths</b></p> <p><b>Counting:</b>            Saying Numbers: 1-100 Skills – Step 3: Thirty..., Forty..., 50, 60, 70, 80, 90.            Saying Numbers: 1-100 Skills – Step 4: I know my first 10 multiples of 10.            Saying Numbers: 1-100 Skills – Step 5: 57, 58, 59, 60, 61.            Saying Numbers: 1-100 I'm Reading – Step 2: 1 to 29.            Saying Numbers: 1-100 I'm Reading – Step 3: 1 to 50.            Saying Numbers: 1-100 I'm Reading – Step 4: 1 to 70.            Saying Numbers: 1-100 I'm Reading – Step 5: 1 to 100.</p> <p><b>Big Maths</b></p> <p><b>Counting:</b>            Saying Numbers – Step 3: I can count from 60 to 69            Saying Numbers – Step 4: I can count to 100.            Reading Numbers – Step 3: I can read 2d multiples of 10.            Reading Numbers – Step 4: I can read 2d numbers.            Counting Multiples – Step 2: I can count in 5s.</p> <p><b>Learn-its:</b>            1 + 9, 2 + 8, 3 + 7, 4 + 6, 5 + 5, Multiples of 5</p> <p><b>It's Nothing New:</b>            INN: Number Bonds to 10 – Step 1: I can find the missing piece to 10.</p> <p><b>Calculation:</b>            Multiplication – Step 3: I can set out groups of blocks when I play.            Multiplication – Step 4: I can find the total amount of blocks.</p>	<p><b>Counting:</b>            Reading Numbers – Step 5: I can read 3d multiples of 100.</p> <p><b>Learn-its:</b>            4 + 2, 5 + 2, 6 + 2, 7 + 2, 9 + 2, 4 + 3, 5 + 3, 6 + 3</p> <p><b>It's Nothing New:</b>            Doubling with PIM (without crossing 10) – Step 2: I can double 2d multiples of 10.</p> <p><b>Calculation:</b>            Addition – Step 6: I can read a number sentence.            Addition – Step 7: I can rearrange a number sentence.            Addition – Step 8: I can solve a number sentence.            Addition – Step 9: I can solve addition on a number line.            Subtraction – Step 6: I can read a subtraction number sentence.            Subtraction – Step 7: I can arrange a subtraction number sentence.            Subtraction – Step 8: I can solve a subtraction number sentence.            Subtraction – Step 9: I can solve subtraction on a number line.            Division – Step 6: I can share 6, 9, 12 or 15 objects into 3.</p>	<p><b>Counting:</b>            Saying Numbers – Step 5: I can count past 100.            Place Value – Step 1: I can partition a 2d number.            Mastery of Numbers – Step 2: I can understand numbers to 20.            Counting Multiples – Step 3: I can count in 2s.            Counting Along in 4 Ways: I can count in 1s, 10s, 2s and 5s.</p> <p><b>Learn-its:</b>            6 + 6, 7 + 7, 8 + 8, 9 + 9, Multiple of 2</p> <p><b>It's Nothing New:</b>            Doubling with PIM (with crossing 10) – Step 1: I can double 1d numbers.            Halving with PIM – Step 1: I can find half of 3, 5, 7, 9.            INN: Fact Families – Step 1: I know the Fact Families for 1d + 1d facts.</p> <p><b>Calculation:</b>            Addition – Step 10: I can add 1 to a number up to 20.            Addition – Step 11: I can add 2 or 3 to a number up to 20.            Addition – Step 12: I can add a 1d number to a number to 20.            Subtraction – Step 10: I can take 1 from a number to 20.            Subtraction – Step 11: I can take 2 or 3 from a number to 20.            Subtraction – Step 12: I can take a 1d number from a number to 20.            Multiplication – Step 5: I can draw out groups of dots.            Multiplication – Step 6: I can find the total amount of dots.            Division – Step 7: I can share 8, 12, 16 or 20 objects between 4 people.            Division – Step 8: I can share 8, 12, 16 or 20 objects into 4.            Division – Step 9: I can share equally to solve division problems.            Division – Step 10: I can make groups of 2, 5 or 10.            Division – Step 11: I can find how many altogether by count through each group.</p>
<b>Year 2</b>	<p><b>Counting:</b>            Counting Along in 4 Ways: I can count in 100s.</p> <p><b>Learn-its:</b>            3 + 8, 3 + 9, 4 + 7, 4 + 8, 4 + 9, 10x table</p> <p><b>It's Nothing New:</b>            INN: Addition and Subtraction – Step 1: I can add tens.            Doubling with PIM (without crossing 10) – Step 3: I can double 2d numbers.            Doubling with PIM (with crossing 10) – Step 2: I can double 2d multiples of 10.            Halving with PIM – Step 2: I know half of 30, 50, 70, 90.</p> <p><b>Calculation:</b>            Addition – Step 13: I can add 1 to a 2d number.            Addition – Step 14: I can add 10 to a 2d tens number.            Addition – Step 15: I can add 10 to any 2d number.            Subtraction – Step 13: I can take 10 from a multiple of 10.            Subtraction – Step 14: I can take 10 from a 2d number.            Subtraction – Step 15: I can take a multiple of 10 from a multiple of 10.            Multiplication – Step 7: I can write out repeated addition.            Multiplication – Step 8: I can solve repeated addition.            Division – Step 12: I can find how many altogether by counting in 2s, 5s or 10s.</p> <p><b>Column Methods:</b>            No new learning steps introduced.</p>	<p><b>Counting:</b>            Reading Numbers – Step 6: I can read 3d numbers.            Counting Along in 4 Ways: I can count in 50s, 500s, 5000s and ½s.            Counting Along Scales – Step 1: I can count along when the numbers are written in.</p> <p><b>Learn-its:</b>            5 + 4, 5 + 6, 6 + 7, 8 + 7, 8 + 9, 5x table</p> <p><b>It's Nothing New:</b>            INN: Addition and Subtraction – Step 2: I can add hundreds            INN: Number Bonds to 10 – Step 2: I can find the missing piece to the next multiple of 10.            INN: Finding Multiples – Step 1: I can find Mully using my tables.            INN: Fact Families – Step 2: I can turn 1d + 1d facts into multiples of 10.</p> <p><b>Calculation:</b>            Addition – Step 16: I can add a 1d number to a 2d tens number.            Addition – Step 17: I can solve 2d + 1d.            Addition – Step 18: I can add a 2d tens number to another one.            Addition – Step 19: I can solve any 1d + 1d in my head.            Subtraction – Step 16: I can take a 1d number from a multiple of 10.            Subtraction – Step 17: I can solve 2d – 1d.            Subtraction – Step 18: I can solve any 2d – 1d            Subtraction – Step 19: I can solve any 3d – 1d.            Division – Step 13: I can arrange a division number sentence..            Division – Step 14: I can solve a division number sentence with objects.            Division – Step 15: I can solve division, using objects (with remainders).</p> <p><b>Column Methods:</b>            No new learning steps introduced.</p>	<p><b>Counting:</b>            Mastery of Numbers – Step 3: I can understand 2d numbers.            Counting Multiples – Step 4: I can count in 3s.            Counting Along in 4 Ways: I can count in 20s, 200s, 2000s and ¼s.</p> <p><b>Learn-its:</b>            5 + 7, 5 + 8, 5 + 9, 6 + 8, 6 + 9, 7 + 9, 2x table</p> <p><b>It's Nothing New:</b>            INN: Addition and Subtraction – Step 3: I can add thousands            Doubling with PIM (with crossing 10) – Step 3: I can double 2d numbers.            Halving with PIM – Step 3: I know half of 300, 500, 700, 900.            INN: Number Bonds to 10 – Step 3: I can find the missing piece to 100.            Multiplying by 10 – Step 1: I can multiply whole numbers by 10.            Dividing by 10 – Step 1: I can divide multiples of 10 by 10.            Coin Multiplication – Step 1: I can complete a 1, 10 card.            Coin Multiplication – Step 2: I can complete a 1, 2, 5, 10 card.            INN: Fact Families – Step 3: I know the Fact Family when given a single addition fact.            INN: Fact Families – Step 4: I know the Fact Families for 1d x 1d facts.</p> <p><b>Calculation:</b>            Addition – Step 20: I can solve any 2d +1d.            Addition – Step 21: I can add any 2d tens number to another one.            Addition – Step 22: I can add a 2d tens number to a 2d number.            Addition – Step 23: I can add a 2d number to a 2d number.            Subtraction – Step 20: I can spot the next multiple of 10.            Subtraction – Step 21: I can count to the next multiple.            Subtraction – Step 22: I know the gap to the next multiple of 10.            Subtraction – Step 23: I know the 1d gap from a multiple of 10.</p>



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			Subtraction – Step 24: I know the total gap across a multiple of 10. Subtraction – Step 25: I can take a multiple of 10 from any 2d number. Subtraction – Step 26: I can find the 2 gaps in a 2d – 2d question. Subtraction – Step 27: I can solve any 2d – 2d. Multiplication – Step 9: I can solve 1d x 1d (2, 3, 5x tables) Division – Step 16: I can use a Table Fact to find a division fact (2, 3, 4, 5x tables). Division – Step 17: I can use a Tables Fact to find a division fact (with remainders) (2, 3, 4, 5x tables). <b>Column Methods:</b> Addition Column Method - Step 1: I can solve a 2d + 2d. Subtraction Column Methods - Step 1: I can solve a 2d - 2d.
<b>Year 3</b>	<b>Counting:</b> No new learning steps introduced. <b>Learn-its:</b> 3x table <b>It's Nothing New:</b> No new learning steps introduced. <b>Calculation:</b> Addition – Step 25: I can solve any 2d + 2d. Subtraction – Step 28: I can take any 2d number from 100. <b>Column Methods:</b> Addition Column Method - Step 2: I can solve any 2d + 2d. Subtraction Column Methods - Step 2: I can solve any 2d - 2d.	<b>Counting:</b> Counting Multiples – Step 5: I can count in 4s. Counting Along in 4 Ways: I can count in 1000s Counting Along Scales – Step 2: I can count along even when the numbers aren't written in. <b>Learn-its:</b> 4x table <b>It's Nothing New:</b> Doubling with PIM (without crossing 10) – Step 4: I can double 3d multiples of 100. Doubling with PIM (with crossing 10) – Step 4: I can double 3d multiples of 100. INN: Multiplication – Step 1: I can multiply multiples of 10. INN: Multiplication – Step 2: I can write Smile Multiplication tables. Coin Multiplication – Step 3: I can complete a full Coin Card. INN: Finding Multiples – Step 2: I can find Mully 10 lots and a Tables Fact. <b>Calculation:</b> Addition – Step 26: I can solve 3d + 2d. Addition – Step 27: I can solve any 3d + 2d. Multiplication – Step 10: I can do Smile Multiplication (2, 3, 4, 5x tables). <b>Column Methods:</b> Addition Column Method - Step 3: I can solve a 3d + 2d. Subtraction Column Methods - Step 3: I can solve a 3d - 2d. Subtraction Column Methods - Step 4: I can solve any 3d - 2d.	<b>Counting:</b> Place Value – Step 2: I can partition a 3d number, then a 4d number. Place Value – Step 3: I can partition a 1dp number. Mastery of Numbers – Step 4: I can understand 3d numbers. Counting Multiples – Step 6: I can count in 8s. Counting Along in 4 Ways: I can count in 1/10s and 0.1s <b>Learn-its:</b> 8x table <b>It's Nothing New:</b> Swapping the Units – Step 2: Swap 'the thing' to an amount. Swapping the Units – Step 3: Swap 'the thing' to a unit of measure. Doubling with PIM (without crossing 10) – Step 5: I can double 3d numbers. Doubling with PIM (with crossing 10) – Step 5: I can double 3d numbers. INN: Multiplication – Step 3: I can write Smile Multiplication Fact Families. INN: Fact Families – Step 5: I know Smile Multiplication Fact Families. <b>Calculation:</b> Addition – Step 28: I can solve 3d + 3d. Subtraction – Step 29: I can subtract with 3d numbers. Multiplication – Step 11: I can solve 1d x 2d (2, 3, 4, 5x tables). Division – Step 18: I can combine 2 or more Tables Facts to solve division (2, 3, 4, 5x tables). <b>Column Methods:</b> Addition Column Method - Step 4: I can solve any 3d + 2d. Addition Column Method - Step 5: I can solve a 3d + 3d. Addition Column Method - Step 6: I can solve any 3d + 3d. Subtraction Column Methods - Step 5: I can solve any 3d - 3d. Multiplication Column Methods - Step 1: I can solve a 2d x 1d. Division Column Method - Step 1: I can solve a 2d ÷ 1d (using x2, 3, 4, 5) with no remainders inside the question.
<b>Year 4</b>	<b>Counting:</b> Place Value – Step 4: I can partition a 2dp number. Mastery of Numbers – Step 5: I can understand 4d numbers. Counting Multiples – Step 7: I can count in 6s. Counting Multiples – Step 8: I can count in 7s. Counting Multiples – Step 9: I can count in 9s. Counting Along in 4 Ways: I can count in 25s, 250s and 2500s. Counting Along Scales – Step 3: I can still count along for all of Count Fourways' challenges. <b>Learn-its:</b> The 6 Fact Challenge – 6 x 6, 6 x 7, 7 x 7, 6 x 9, 7 x 9, 9 x 9 <b>It's Nothing New:</b> INN: Addition and Subtraction – Step 4: I can add tenths. INN: Number Bonds to 10 – Step 4: I can find the missing piece to 1000. Multiplying by 10 – Step 2: I can multiply whole numbers by 100. Dividing by 10 – Step 2: I can divide whole numbers by 10 or 100 giving decimal answers. <b>Calculation:</b> Multiplication – Step 12: I can solve any 1d x 1d. Multiplication – Step 13: I can do any Smile Multiplication.	<b>Counting:</b> Mastery of Numbers – Step 6: I can understand 1dp numbers. Counting Along in 4 Ways: I can count in 0.2s, 0.5s and 0.25s. Counting Along Scales – Step 4: I can even count along when there are no lines. <b>Learn-its:</b> 11x table <b>It's Nothing New:</b> Halving with PIM – Step 4: I know half of 3, 5, 7, 9 as decimals. Coin Multiplication – Step 4: I know when to add 2 multiples together. <b>Calculation:</b> Addition – Step 29: I can solve any 3d + 3d. Multiplication – Step 14: I can solve any 1d x 2d. <b>Column Methods:</b> Addition Column Method - Step 7: I can solve any 4d + 2d / 3d. Multiplication Column Methods - Step 2: I can solve any 2d x 1d.	<b>Counting:</b> Mastery of Numbers – Step 7: I can understand 2dp numbers. Counting Along in 4 Ways: I can count in 1/5s <b>Learn-its:</b> 12x table <b>It's Nothing New:</b> Halving with PIM – Step 5: I can half any 2d number Halving with PIM – Step 6: I can half any 3d number. INN: Finding Multiples – Step 3: I can find Mully using Smile Multiplication. Multiple-Factor-Prime – Step 1: I can find multiples. Multiple-Factor-Prime – Step 2: I can find factors. <b>Calculation:</b> Addition – Step 30: I can solve 3d + 3d as money. Addition – Step 31: I can solve any 3d + 3d as money. Subtraction – Step 30: I can solve 3d – 2d. Division – Step 20: I can use a Tables Fact to find a division fact (6, 7, 8, 9x tables). Division – Step 21: I can use a Tables Fact to find a division fact (with remainders) (6, 7, 8, 9x tables). Division – Step 22: I can combine 2 or more Tables Facts to solve division (6, 7, 8, 9x tables).



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Term	Autumn	Spring	Summer
	<p>Division – Step 19: I can combine 2 or more Tables Facts to solve division (with remainders) (2, 3, 4, 5x tables).</p> <p><b>Column Methods:</b> Subtraction Column Methods - Step 6: I can solve any 4d - 2d or 3d. Division Column Method - Step 2: I can solve <math>2d \div 1d</math> (using x2, 3, 4, 5) with no remainders in the answer.</p>		<p>Division – Step 23: I can combine 2 or more Tables Facts to solve division (with remainders) (6, 7, 8, 9x tables).</p> <p><b>Column Methods:</b> Addition Column Method - Step 8: I can solve any <math>4d + 4d</math>. Subtraction Column Methods - Step 7: I can solve any <math>4d - 4d</math>. Multiplication Column Methods - Step 3: I can solve any <math>3d \times 1d</math>. Division Column Method - Step 3: I can solve <math>2d \div 1d</math> (using any table) with no remainders in the answer. Division Column Method - Step 4: I can solve a <math>3d \div 1d</math> (using any table) with no remainders in the answer. Division Column Method - Step 5: I can solve a <math>4d \div 1d</math> (using any table) with no remainders in the answer.</p>
<b>Year 5</b>	<p><b>Counting:</b> Reading Numbers – Step 7: I can read 6d numbers. Reading Numbers – Step 8: I can read 5d numbers. Reading Numbers – Step 9: I can read 4d numbers. Counting Along in 4 Ways: I can count in -1s.</p> <p><b>Learn-its:</b> No new learning steps introduced.</p> <p><b>It's Nothing New:</b> INN: Addition and Subtraction – Step 5: I can add hundredths. INN: Number Bonds to 10 – Step 5: I can find the missing decimal piece. Multiplying by 10 – Step 3: I can multiply decimals by 10. Dividing by 10 – Step 3: I can divide decimals by 10. INN: Multiplication – Step 4: I can do Smile Multiplication for tenths. INN: Finding Multiples – Step 4: I can find Mully using Smile Multiplication and Tables Facts.</p> <p><b>Calculation:</b> Addition – Step 32: I can solve <math>1dp + 1dp</math>. Addition – Step 33: I can solve any <math>1dp + 1dp</math>. Subtraction – Step 31: I can solve <math>4d - 2d</math>. Division – Step 24: I can use a Smile Multiplication fact to find a division fact. Division – Step 25: I can use a Smile Multiplication fact to find a division fact (with remainders).</p> <p><b>Column Methods:</b> Multiplication Column Methods - Step 4: I can solve any <math>2d \times 2d</math>.</p>	<p><b>Counting:</b> Reading Numbers – Step 10: I can read 9, 8, 7d numbers. Reading Numbers – Step 11: I can read each digit with decimal places. Counting Along in 4 Ways: I can count in -2s and -5s. Counting Along Scales – Step 5: I can count along any number line.</p> <p><b>Learn-its:</b> No new learning steps introduced.</p> <p><b>It's Nothing New:</b> Multiplying by 10 – Step 4: I can multiply decimals by 100. Dividing by 10 – Step 4: I can divide decimals by 100. INN: Multiplication – Step 5: I can do Smile Multiplication for hundredths. Coin Multiplication – Step 5: know when to add 3 multiples together. INN: Finding Multiples – Step 5: I can find Mully using Coin Multiplication. Multiple-Factor-Prime – Step 3: I understand square numbers.</p> <p><b>Calculation:</b> Addition – Step 34: I can solve <math>1d.1dp + 1d.1dp</math>. Addition – Step 35: I can solve any <math>1d.1dp + 1d.1dp</math>. Subtraction – Step 32: I can solve <math>3d - 3d</math>. Subtraction – Step 33: I can solve <math>3d - 3d</math> as money. Multiplication – Step 15: I can solve <math>1d \times 3d</math>. Multiplication – Step 16: I can show my understanding for <math>2d \times 2d</math>. Division – Step 26: I can combine a Smile Multiplication fact with a Tables Fact to solve division. Division – Step 27: I can combine a Smile Multiplication fact with a Tables Fact to solve division (with remainders).</p> <p><b>Column Methods:</b> Addition Column Method - Step 9: I can use Column Addition for several numbers. Subtraction Column Methods - Step 8: I can solve any <math>5d - 5d</math>. Multiplication Column Methods - Step 5: I can solve any <math>3d \times 2d</math>. Division Column Method - Step 6: I can solve any <math>2d \div 1d</math> and <math>3d \div 1d</math> with remainders.</p>	<p><b>Counting:</b> Place Value – Step 5: I can partition a 3dp number. Mastery of Numbers – Step 8: I can understand 3dp numbers. Mastery of Numbers – Step 8: I can understand 5, 6, 7, 8d numbers. Counting Along in 4 Ways: I can count in -25s. Counting Along Scales – Step 6: I can find the gap between 2 negative numbers.</p> <p><b>Learn-its:</b> No new learning steps introduced.</p> <p><b>It's Nothing New:</b> Multiplying by 10 – Step 5: I can multiply whole numbers and decimals by 1000. Dividing by 10 – Step 5: I can divide whole numbers and decimals by 1000. Multiple-Factor-Prime – Step 4: I understand prime numbers.</p> <p><b>Calculation:</b> Addition – Step 36: I can solve additions with 2dp. Addition – Step 37: I can solve any additions with 2dp. Addition – Step 38: I can solve addition with larger numbers. Subtraction – Step 34: I can subtract numbers with hundredths. Subtraction – Step 35: I can subtract numbers with tenths. Subtraction – Step 36: I can solve subtraction with large numbers. Division – Step 28: I can use a coin fact to find a division fact. Division – Step 29: I can use a coin fact to find a division fact (with remainders). Division – Step 30: I can combine 2 or more Coin Facts to solve division. Division – Step 31: I can combine 2 or more Coin Facts to solve division (with remainders).</p> <p><b>Column Methods:</b> Addition Column Method - Step 10: I can solve any <math>5d + 5d</math>. Multiplication Column Methods - Step 6: I can solve any <math>4d \times 1d</math>. Division Column Method - Step 7: I can solve any <math>4d \div 1d</math> and interpret the context of the remainder.</p>
<b>Year 6</b>	<p><b>Counting:</b> Mastery of Numbers – Step 10: I can understand numbers with different decimal places. Counting Along Scales – Step 7: I can find the gap between a negative number and a positive number.</p> <p><b>Learn-its:</b> No new learning steps introduced.</p> <p><b>It's Nothing New:</b> No new learning steps introduced.</p> <p><b>Calculation:</b> Addition – Step 39: I can solve additions with several numbers. Addition – Step 40: I can solve <math>2dp + 1dp</math>. Addition – Step 41: I can solve any <math>2dp + 1dp</math>. Subtraction – Step 37: I can subtract numbers with different decimal places. Multiplication – Step 17: I can solve <math>1d \times 1d.1dp</math>. Multiplication – Step 18: I can solve <math>1d \times 1d.2dp</math>.</p>	<p><b>Counting:</b> No new learning steps introduced.</p> <p><b>Learn-its:</b> No new learning steps introduced.</p> <p><b>It's Nothing New:</b> No new learning steps introduced.</p> <p><b>Calculation:</b> No new learning steps introduced.</p> <p><b>Column Methods:</b> No new learning steps introduced.</p>	<p><b>Counting:</b> No new learning steps introduced.</p> <p><b>Learn-its:</b> No new learning steps introduced.</p> <p><b>It's Nothing New:</b> No new learning steps introduced.</p> <p><b>Calculation:</b> No new learning steps introduced.</p> <p><b>Column Methods:</b> No new learning steps introduced.</p>



## Big Maths CLIC Long Term Planning Overview

Steps shown in each term indicate where a new step is introduced. Previous steps recapped according to Big Maths online planning tool.

Term	Autumn	Spring	Summer
	<p>Multiplication – Step 19: I can show my understanding for 2d x 3d.</p> <p>Division – Step 32: I can use a Tables Fact to find a decimal division fact.</p> <p>Division – Step 33: I can combine 2 or more Tables Facts to solve decimal division.</p> <p><b>Column Methods:</b></p> <p>Addition Column Method - Step 11: I can add numbers with 1dp.</p> <p>Addition Column Method - Step 12: I can add numbers with 2dp.</p> <p>Addition Column Method - Step 13: I can add numbers with 3dp.</p> <p>Addition Column Method - Step 14: I can add numbers with mixed amounts of decimal places.</p> <p>Subtraction Column Methods - Step 9: I can subtract numbers with 1dp.</p> <p>Subtraction Column Methods - Step 10: I can subtract numbers with 2dp.</p> <p>Subtraction Column Methods - Step 11: I can subtract numbers with 3dp.</p> <p>Subtraction Column Methods - Step 12: I can subtract numbers with mixed amounts of decimal places.</p> <p>Multiplication Column Methods - Step 7: I can solve any 4d x 2d.</p> <p>Multiplication Column Methods - Step 8: I can solve any 1d.1dp x 1d.</p> <p>Multiplication Column Methods - Step 9: I can solve any 1d.2dp x 1d.</p> <p>Multiplication Column Methods - Step 10: I can solve any 1d.1dp x 2d.</p> <p>Multiplication Column Methods - Step 11: I can solve any 1d.2dp x 2d.</p> <p>Division Column Method - Step 8: I can solve any 3d ÷ 2d.</p> <p>Division Column Method - Step 9: I can solve any 4d ÷ 2d and show the remainder as a fraction.</p> <p>Division Column Method – Step 10: I can solved division with decimal plances in the answer.</p>		