



# Big Maths

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## Little Big Maths & Development Matters

# Planning



A-CLIC



Counting



Learn Its



It's Nothing New



Calculation

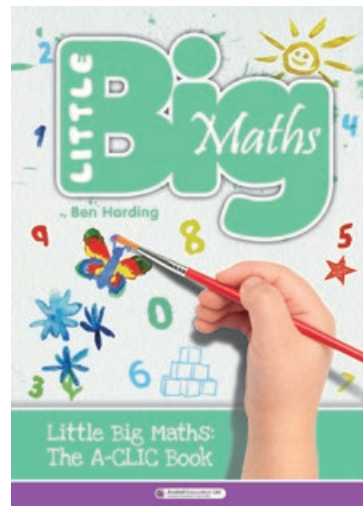
## What is this document for?

- Shows teachers what aspects of LBM to teach each year and for each term.
- Provides a detailed description of the successful 'core numeracy track' (learning journey) that each cohort of children goes on.
- The track starts at Nursery Term 1 and goes on to Year 1 Term 3.
- The track can be used in conjunction with the partner document 'CLIC on Your Planning' from Big Maths. This track finishes with children attaining Level 5 Core Numeracy by the end of the first term in Year 6.
- Empowers teachers to track each child against that planned journey – are they ahead of it, on it, or behind it?
- Shows teachers precisely where a child is off target, and in conjunction with Big Maths Online or Little Big Maths: The A-CLIC Book, allows teachers to 'drill down' the Progress Drives and teach the child's next steps to bring them back 'on track' for that aspect of core numeracy - thus providing high-end personalised intervention through a simple system. This system also allows easy identification of children ahead of this track, i.e. exceeding expectations.
- Using the approach described here gives valuable information as to what the 'core numeracy track' looks like for young children, however it must be remembered that children develop at different rates.
- Although this document will prove invaluable to many schools, it is not an essential component of delivering Little Big Maths in school. A good deal of teachers are able to know their children's numeracy development in such detail that they will 'feel' which aspects of CLIC and which Progress Drives to spend time on. However, even in this situation the termly planning sheets will provide a useful benchmark to assess against.

- Links are also made in this document between the steps of progression in the Little Big Maths Progress Drives and the document 'Development Matters'.
- Links are also made in this document between the steps of progression in the Little Big Maths Progress Drives and the 'Development Matters' statements.

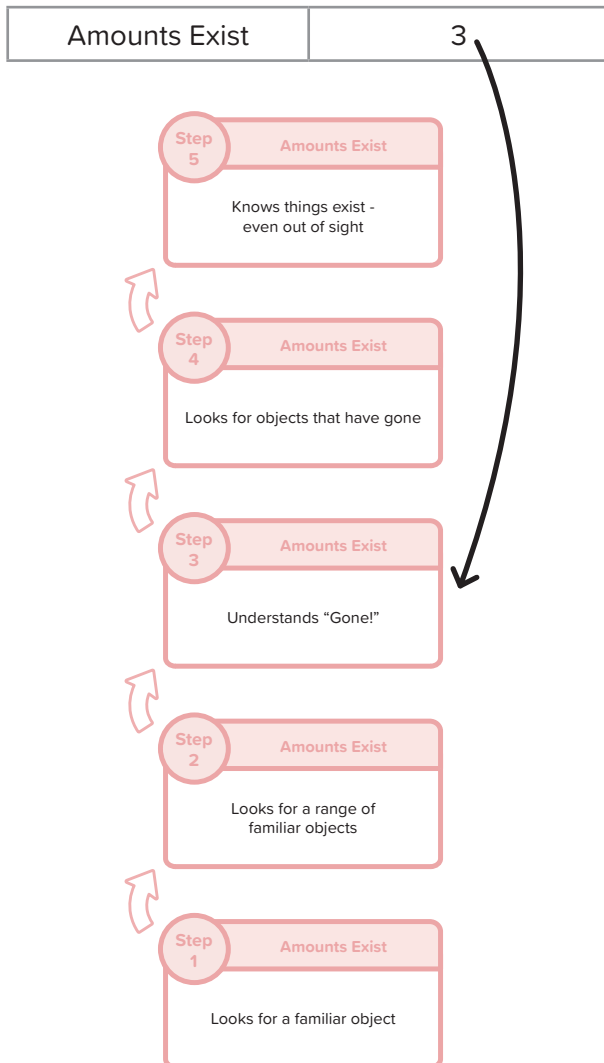
## How to use 'CLIC on Your Little Big Maths Planning'

- This document should be used in conjunction with Big Maths Online or Little Big Maths: The A-CLIC Book and Little Big Maths: The Tracking Book.



- At the start of each term look at the termly planning sheet. This provides a 'Little Big Maths curriculum' for each term, and therefore for the year.

Each Progress Drive from CLIC is represented on the planning sheet. The numbers refer to the individual steps as you move up the Progress Drives.



### Blank Cells

Where the cell for that Progress Drive is blank then that Progress Drive will be started in a later term and the teacher does not need to be concerned by it.

Halving	
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### Green Numbered Cells

Where the cell has a number on it and the background of the cell is green, this means that children that are 'on track' should be taught this step in this term. The green cells therefore signify 'new learning'.

Reading Numbers	7, 8, 9
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### White Numbered Cells

The white numbered cells show the step on a Progress Drive that is already secure. However in this term there is no new learning but it is vital that the Progress Drive is still revisited to ensure learning loss does not occur and that the child remains 'ready for progress' when the time comes. These are called 'Revisits'.

Ordering Numbers	3
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Crucially, in both cases, if the teacher discovers a step on a Progress Drive that a child is not able to secure then this process allows the teacher to identify this easily, to drill down the Progress Drive looking for a step that the child is secure with, and then head back up the Progress Drive with the aim of getting the child back on track.

In other words this system shows teachers precisely where a child is off target, and in conjunction with the teacher's Little Big Maths: The A-CLIC book, allows teachers to drill down the Progress Drives and teach the child's next steps to bring them back on track for that aspect of Core Numeracy - thus providing high-end personalised intervention through a simple system.

### Ticked Cells

The ticked cells indicate that the Progress Drive is completed. In many cases it is also worth revisiting these Progress Drives to ensure that learning loss does not occur. These are also 'Revisits'.

Doubling	✓
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A	Progress Drive	Steps
	Amounts Exist	✓
	Amounts Compared 1	1
	Amounts are Needed	1, 2, 3
	Amounts Change	1, 2, 3, 4
	Amounts Compared 2	1, 2
	Amounts Compared 3	1, 2
	Amounts Compared by Counting	5
	No Amount (Zero)	1, 2

Progress Drive	Steps
Saying Numbers	
1 to 10	1
11 to 20	
1 to 100 Skills	
1 to 100 I'm Ready	
Counting Past 100 Skills	
Counting Past 100 I'm Ready	
Counting Backwards	

**C** Progress Drives

L	Progress Drive	Steps
	My First Flashcards	1, 2, 3, 4, 5
	My Body Learn Its	1
	My Finger Double Learn Its	5
	My Halving Learn Its	
	Double Facts	
	My First Number Sentences	
	Number Buddy (Bonds to 10)	
	Add on 2 Learn Its	
	Add on 3 Learn Its	
	Single Digit Doubles	
	Finger Games	

Reading Numbers	
1 to 10	1
11 to 20	
Multiples of 10	
2d Numbers	
Multiples of 100	

Counting Skills	
When to Count	
Last Number is the Total	
1 to 1 Correspondence	1

Actual Counting	
1 to 10	
1 to 20 & From a Pile	

I	Progress Drive	Steps
	Pim is Counting	1
	Pim Knows his Learn Its	
	Pim Swaps Amounts	1
	Doubling Amounts	
	Halving Amounts	
	Who Won?	
	Little Jigsaws	
Fact Families		

Ordering Numbers	
1 to 10	
Different Amounts & 1 to 20	
2d Numbers (2 Options)	
2d Numbers (5 Options)	

Counting Multiples	
Multiples of 10	
Multiples of 5	
Multiples of 2	

C	Progress Drive	Steps
	Addition	
	Subtraction	
	Multiplication	
	Division	

Squiggleworth	
2d Numbers	

	Progress Drive	Steps
<b>S</b>	Explore & Draw	1
	2D Shapes	1
	3D Shapes	
	Position & Direction	1

	Progress Drive	Steps
<b>A</b>	Amounts of Distance	2
	Amounts of Mass	1
	Amounts of Money	
	Amounts of Space	1
	Amounts of Temperature	
	Amounts of Time	3
	Amounts of Time: Telling the Time	
	Amounts of Turn	

	Progress Drive	Steps
<b>F</b>	Fractions of a Whole	
	Fractions of a Set	
	Fractions: Counting	
	Fractions: Learn Its	
	Fractions: It's Nothing New	
	Fractions: Calculation	
	Percentages	
	Ratio	

	Progress Drive	Steps
<b>E</b>	Diagrams & Tables	1
	Bar Charts	
	Averages	
	Line Graphs	
	Pie Charts	
	Probability	

	Progress Drive	Steps
<b>D</b>	Pattern Spotting	2
	Algebra	
	Prove It!	

A	Progress Drive	Steps
	Amounts Exist	✓
	Amounts Compared 1	2, 3
	Amounts are Needed	4
	Amounts Change	5
	Amounts Compared 2	2, 3
	Amounts Compared 3	2, 3
	Amounts Compared by Counting	
	No Amount (Zero)	2

**C** Progress Drives

L	Progress Drive	Steps
	My First Flashcards	✓
	My Body Learn Its	2
	My Finger Double Learn Its	
	My Halving Learn Its	
	Double Facts	
	My First Number Sentences	
	Number Buddy (Bonds to 10)	
	Add on 2 Learn Its	
	Add on 3 Learn Its	
Single Digit Doubles		

I	Progress Drive	Steps
	Pim is Counting	
	Pim Knows his Learn Its	
	Pim Swaps Amounts	1
	Doubling Amounts	
	Halving Amounts	
	Who Won?	
	Little Jigsaws	
Fact Families		

C	Progress Drive	Steps
	Addition	
	Subtraction	
	Multiplication	
	Division	

Progress Drive	Steps
Saying Numbers	
1 to 10	2
11 to 20	
1 to 100 Skills	
1 to 100 I'm Ready	
Counting Past 100 Skills	
Counting Past 100 I'm Ready	
Counting Backwards	

Reading Numbers	
1 to 10	1
11 to 20	
Multiples of 10	
2d Numbers	
Multiples of 100	

Counting Skills	
When to Count	1, 2
Last Number is the Total	
1 to 1 Correspondence	2, 3, 4

Actual Counting	
1 to 10	
1 to 20 & From a Pile	

Ordering Numbers	
1 to 10	
Different Amounts & 1 to 20	
2d Numbers (2 Options)	
2d Numbers (5 Options)	

Counting Multiples	
Multiples of 10	
Multiples of 5	
Multiples of 2	

Squiggleworth	
2d Numbers	

	Progress Drive	Steps
<b>S</b>	Explore & Draw	2
	2D Shapes	1
	3D Shapes	1
	Position & Direction	2, 3

	Progress Drive	Steps
<b>A</b>	Amounts of Distance	2
	Amounts of Mass	2
	Amounts of Money	1
	Amounts of Space	2
	Amounts of Temperature	1, 2
	Amounts of Time	4
	Amounts of Time: Telling the Time	
	Amounts of Turn	

	Progress Drive	Steps
<b>F</b>	Fractions of a Whole	
	Fractions of a Set	
	Fractions: Counting	
	Fractions: Learn Its	
	Fractions: It's Nothing New	
	Fractions: Calculation	
	Percentages	
	Ratio	

	Progress Drive	Steps
<b>E</b>	Diagrams & Tables	1
	Bar Charts	
	Averages	
	Line Graphs	
	Pie Charts	
	Probability	

	Progress Drive	Steps
<b>D</b>	Pattern Spotting	2
	Algebra	
	Prove It!	

A	Progress Drive	Steps
	Amounts Exist	✓
	Amounts Compared 1	4, 5
	Amounts are Needed	5
	Amounts Change	✓
	Amounts Compared 2	4, 5
	Amounts Compared 3	5
	Amounts Compared by Counting	
	No Amount (Zero)	2

**C** Progress Drives

L	Progress Drive	Steps
	My First Flashcards	✓
	My Body Learn Its	3
	My Finger Double Learn Its	
	My Halving Learn Its	
	Double Facts	
	My First Number Sentences	
	Number Buddy (Bonds to 10)	
	Add on 2 Learn Its	
	Add on 3 Learn Its	
Single Digit Doubles		

I	Progress Drive	Steps
	Pim is Counting	1
	Pim Knows his Learn Its	
	Pim Swaps Amounts	1
	Doubling Amounts	
	Halving Amounts	
	Who Won?	
	Little Jigsaws	
Fact Families		

C	Progress Drive	Steps
	Addition	
	Subtraction	
	Multiplication	
	Division	

Progress Drive	Steps
Saying Numbers	
1 to 10	3
11 to 20	
1 to 100 Skills	
1 to 100 I'm Ready	
Counting Past 100 Skills	
Counting Past 100 I'm Ready	
Counting Backwards	

Reading Numbers	
1 to 10	2
11 to 20	
Multiples of 10	
2d Numbers	
Multiples of 100	

Counting Skills	
When to Count	3, 4, 5
Last Number is the Total	1, 2, 3
1 to 1 Correspondence	5

Actual Counting	
1 to 10	
1 to 20 & From a Pile	

Ordering Numbers	
1 to 10	
Different Amounts & 1 to 20	
2d Numbers (2 Options)	
2d Numbers (5 Options)	

Counting Multiples	
Multiples of 10	
Multiples of 5	
Multiples of 2	

Squiggleworth	
2d Numbers	



	Progress Drive	Steps
<b>S</b>	Explore & Draw	3
	2D Shapes	2
	3D Shapes	1
	Position & Direction	4, 5

	Progress Drive	Steps
<b>A</b>	Amounts of Distance	2
	Amounts of Mass	2
	Amounts of Money	2
	Amounts of Space	2
	Amounts of Temperature	2
	Amounts of Time	4
	Amounts of Time: Telling the Time	
	Amounts of Turn	

	Progress Drive	Steps
<b>F</b>	Fractions of a Whole	
	Fractions of a Set	
	Fractions: Counting	
	Fractions: Learn Its	
	Fractions: It's Nothing New	
	Fractions: Calculation	
	Percentages	
	Ratio	

	Progress Drive	Steps
<b>E</b>	Diagrams & Tables	2
	Bar Charts	
	Averages	
	Line Graphs	
	Pie Charts	
	Probability	

	Progress Drive	Steps
<b>D</b>	Pattern Spotting	3
	Algebra	
	Prove It!	

A	Progress Drive	Steps
	Amounts Exist	✓
	Amounts Compared 1	✓
	Amounts are Needed	✓
	Amounts Change	✓
	Amounts Compared 2	5
	Amounts Compared 3	5
	Amounts Compared by Counting	
	No Amount (Zero)	2

**C** Progress Drives

L	Progress Drive	Steps
	My First Flashcards	✓
	My Body Learn Its	3
	My Finger Double Learn Its	1, 2
	My Halving Learn Its	1, 2
	Double Facts	1, 2
	My First Number Sentences	
	Number Buddy (Bonds to 10)	
	Add on 2 Learn Its	
	Add on 3 Learn Its	
Single Digit Doubles		

I	Progress Drive	Steps
	Pim is Counting	1
	Pim Knows his Learn Its	
	Pim Swaps Amounts	1
	Doubling Amounts	
	Halving Amounts	
	Who Won?	
	Little Jigsaws	
Fact Families		

C	Progress Drive	Steps
	Addition	
	Subtraction	
	Multiplication	
	Division	

Progress Drive	Steps
Saying Numbers	
1 to 10	4, 5
11 to 20	
1 to 100 Skills	1
1 to 100 I'm Ready	
Counting Past 100 Skills	
Counting Past 100 I'm Ready	
Counting Backwards	

Reading Numbers	
1 to 10	3, 4
11 to 20	
Multiples of 10	
2d Numbers	
Multiples of 100	

Counting Skills	
When to Count	✓
Last Number is the Total	✓
1 to 1 Correspondence	✓

Actual Counting	
1 to 10	1
1 to 20 & From a Pile	

Ordering Numbers	
1 to 10	
Different Amounts & 1 to 20	
2d Numbers (2 Options)	
2d Numbers (5 Options)	

Counting Multiples	
Multiples of 10	
Multiples of 5	
Multiples of 2	

Squigglesworth	
2d Numbers	

	Progress Drive	Steps
<b>S</b>	Explore & Draw	4
	2D Shapes	3
	3D Shapes	2
	Position & Direction	6

	Progress Drive	Steps
<b>A</b>	Amounts of Distance	2
	Amounts of Mass	2
	Amounts of Money	2
	Amounts of Space	2
	Amounts of Temperature	3, 4
	Amounts of Time	5
	Amounts of Time: Telling the Time	
	Amounts of Turn	1

	Progress Drive	Steps
<b>F</b>	Fractions of a Whole	
	Fractions of a Set	
	Fractions: Counting	
	Fractions: Learn Its	
	Fractions: It's Nothing New	
	Fractions: Calculation	
	Percentages	
	Ratio	

	Progress Drive	Steps
<b>E</b>	Diagrams & Tables	2
	Bar Charts	
	Averages	
	Line Graphs	
	Pie Charts	
	Probability	

	Progress Drive	Steps
<b>D</b>	Pattern Spotting	4
	Algebra	
	Prove It!	

A	Progress Drive	Steps
	Amounts Exist	✓
	Amounts Compared 1	✓
	Amounts are Needed	✓
	Amounts Change	✓
	Amounts Compared 2	✓
	Amounts Compared 3	✓
	Amounts Compared by Counting	
	No Amount (Zero)	2

Progress Drive	Steps
Saying Numbers	
1 to 10	✓
11 to 20	1, 2
1 to 100 Skills	1
1 to 100 I'm Ready	
Counting Past 100 Skills	
Counting Past 100 I'm Ready	
Counting Backwards	

**C** Progress Drives

L	Progress Drive	Steps
	My First Flashcards	✓
	My Body Learn Its	4, 5
	My Finger Double Learn Its	3, 4, 5
	My Halving Learn Its	3, 4, 5
	Double Facts	3, 4, 5
	My First Number Sentences	
	Number Buddy (Bonds to 10)	
	Add on 2 Learn Its	
	Add on 3 Learn Its	
Single Digit Doubles		

Reading Numbers	
1 to 10	5
11 to 20	
Multiples of 10	
2d Numbers	
Multiples of 100	

Counting Skills	
When to Count	✓
Last Number is the Total	✓
1 to 1 Correspondence	✓

I	Progress Drive	Steps
	Pim is Counting	1
	Pim Knows his Learn Its	
	Pim Swaps Amounts	1
	Doubling Amounts	
	Halving Amounts	
	Who Won?	
	Little Jigsaws	
Fact Families	1, 2	

Actual Counting	
1 to 10	2, 3, 4, 5
1 to 20 & From a Pile	

Ordering Numbers	
1 to 10	1 - 5
Different Amounts & 1 to 20	
2d Numbers (2 Options)	
2d Numbers (5 Options)	

C	Progress Drive	Steps
	Addition	1 - 6
	Subtraction	1 - 6
	Multiplication	
Division	1	

Counting Multiples	
Multiples of 10	1, 2, 3
Multiples of 5	
Multiples of 2	

Squiggleworth	
2d Numbers	

	Progress Drive	Steps
<b>S</b>	Explore & Draw	5
	2D Shapes	4, 5, 6, 7
	3D Shapes	3, 4, 5
	Position & Direction	7

	Progress Drive	Steps
<b>A</b>	Amounts of Distance	3
	Amounts of Mass	3
	Amounts of Money	3
	Amounts of Space	3
	Amounts of Temperature	4
	Amounts of Time	6
	Amounts of Time: Telling the Time	
	Amounts of Turn	1

	Progress Drive	Steps
<b>F</b>	Fractions of a Whole	
	Fractions of a Set	1
	Fractions: Counting	
	Fractions: Learn Its	
	Fractions: It's Nothing New	
	Fractions: Calculation	
	Percentages	
	Ratio	

	Progress Drive	Steps
<b>E</b>	Diagrams & Tables	3
	Bar Charts	
	Averages	
	Line Graphs	
	Pie Charts	
	Probability	

	Progress Drive	Steps
<b>D</b>	Pattern Spotting	5
	Algebra	
	Prove It!	

A	Progress Drive	Steps
	Amounts Exist	✓
	Amounts Compared 1	✓
	Amounts are Needed	✓
	Amounts Change	✓
	Amounts Compared 2	✓
	Amounts Compared 3	✓
	Amounts Compared by Counting	1 - 5
	No Amount (Zero)	3, 4, 5

**C** Progress Drives

L	Progress Drive	Steps
	My First Flashcards	✓
	My Body Learn Its	✓
	My Finger Double Learn Its	✓
	My Halving Learn Its	✓
	Double Facts	✓
	My First Number Sentences	1, 2
	Number Buddy (Bonds to 10)	
	Add on 2 Learn Its	
	Add on 3 Learn Its	
Single Digit Doubles		

I	Progress Drive	Steps
	Pim is Counting	2, 3, 4
	Pim Knows his Learn Its	1
	Pim Swaps Amounts	2
	Doubling Amounts	1
	Halving Amounts	1
	Who Won?	1, 2
	Little Jigsaws	
Fact Families	3, 4	

C	Progress Drive	Steps
	Addition	7 - 12
	Subtraction	7, 8, 9
	Multiplication	1, 2
	Division	2, 3, 4, 5

Progress Drive	Steps
Saying Numbers	
1 to 10	✓
11 to 20	3, 4, 5
1 to 100 Skills	2
1 to 100 I'm Ready	1
Counting Past 100 Skills	
Counting Past 100 I'm Ready	
Counting Backwards	2

Reading Numbers	
1 to 10	✓
11 to 20	1 - 5
Multiples of 10	
2d Numbers	
Multiples of 100	

Counting Skills	
When to Count	✓
Last Number is the Total	✓
1 to 1 Correspondence	✓

Actual Counting	
1 to 10	✓
1 to 20 & From a Pile	1 - 5

Ordering Numbers	
1 to 10	✓
Different Amounts & 1 to 20	1 - 5
2d Numbers (2 Options)	
2d Numbers (5 Options)	

Counting Multiples	
Multiples of 10	4, 5
Multiples of 5	1, 2
Multiples of 2	1, 2

Squiggleworth	
2d Numbers	

	Progress Drive	Steps
<b>S</b>	Explore & Draw	6
	2D Shapes	8, 9, 10
	3D Shapes	6, 7
	Position & Direction	8

	Progress Drive	Steps
<b>A</b>	Amounts of Distance	4
	Amounts of Mass	4
	Amounts of Money	4
	Amounts of Space	4
	Amounts of Temperature	4
	Amounts of Time	7, 8, 9
	Amounts of Time: Telling the Time	
	Amounts of Turn	2

	Progress Drive	Steps
<b>F</b>	Fractions of a Whole	
	Fractions of a Set	2
	Fractions: Counting	
	Fractions: Learn Its	
	Fractions: It's Nothing New	
	Fractions: Calculation	
	Percentages	
	Ratio	

	Progress Drive	Steps
<b>E</b>	Diagrams & Tables	4
	Bar Charts	1
	Averages	
	Line Graphs	
	Pie Charts	
	Probability	

	Progress Drive	Steps
<b>D</b>	Pattern Spotting	6
	Algebra	
	Prove It!	

A	Progress Drive	Steps
	Amounts Exist	✓
	Amounts Compared 1	✓
	Amounts are Needed	✓
	Amounts Change	✓
	Amounts Compared 2	✓
	Amounts Compared 3	✓
	Amounts Compared by Counting	✓
	No Amount (Zero)	✓

Progress Drive	Steps
Saying Numbers	
1 to 10	✓
11 to 20	✓
1 to 100 Skills	2, 3, 4, 5
1 to 100 I'm Ready	2, 3, 4, 5
Counting Past 100 Skills	
Counting Past 100 I'm Ready	
Counting Backwards	3

**C** Progress Drives

L	Progress Drive	Steps
	My First Flashcards	✓
	My Body Learn Its	✓
	My Finger Double Learn Its	✓
	My Halving Learn Its	✓
	Double Facts	✓
	My First Number Sentences	✓
	Number Buddy (Bonds to 10)	1 - 5
	Add on 2 Learn Its	
	Add on 3 Learn Its	
Single Digit Doubles		

Reading Numbers	
1 to 10	✓
11 to 20	✓
Multiples of 10	1 - 5
2d Numbers	1 - 5
Multiples of 100	

Counting Skills	
When to Count	✓
Last Number is the Total	✓
1 to 1 Correspondence	✓

I	Progress Drive	Steps
	Pim is Counting	5
	Pim Knows his Learn Its	2, 3, 4, 5
	Pim Swaps Amounts	3, 4, 5
	Doubling Amounts	1
	Halving Amounts	1
	Who Won?	3, 4, 5
	Little Jigsaws	1
Fact Families	4	

Actual Counting	
1 to 10	✓
1 to 20 & From a Pile	✓

Ordering Numbers	
1 to 10	✓
Different Amounts & 1 to 20	✓
2d Numbers (2 Options)	
2d Numbers (5 Options)	

C	Progress Drive	Steps
	Addition	12
	Subtraction	9
	Multiplication	3, 4
Division	5	

Counting Multiples	
Multiples of 10	✓
Multiples of 5	1 - 5
Multiples of 2	3

Squigglesworth	
2d Numbers	



S	Progress Drive	Steps
	Explore & Draw	7
	2D Shapes	10
	3D Shapes	7
	Position & Direction	9

A	Progress Drive	Steps
	Amounts of Distance	5
	Amounts of Mass	4
	Amounts of Money	4
	Amounts of Space	4
	Amounts of Temperature	4
	Amounts of Time	10
	Amounts of Time: Telling the Time	
Amounts of Turn	2	

F	Progress Drive	Steps
	Fractions of a Whole	1, 2
	Fractions of a Set	3
	Fractions: Counting	
	Fractions: Learn Its	1
	Fractions: It's Nothing New	
	Fractions: Calculation	
	Percentages	
Ratio		

E	Progress Drive	Steps
	Diagrams & Tables	5, 6
	Bar Charts	1
	Averages	
	Line Graphs	
	Pie Charts	
	Probability	

D	Progress Drive	Steps
	Pattern Spotting	6
	Algebra	
Prove It!		

A	Progress Drive	Steps
	Amounts Exist	✓
	Amounts Compared 1	✓
	Amounts are Needed	✓
	Amounts Change	✓
	Amounts Compared 2	✓
	Amounts Compared 3	✓
	Amounts Compared by Counting	✓
	No Amount (Zero)	✓

**C** Progress Drives

L	Progress Drive	Steps
	My First Flashcards	✓
	My Body Learn Its	✓
	My Finger Double Learn Its	✓
	My Halving Learn Its	✓
	Double Facts	✓
	My First Number Sentences	✓
	Number Buddy (Bonds to 10)	✓
	Add on 2 Learn Its	1 - 5
	Add on 3 Learn Its	1, 2, 3
Single Digit Doubles		

I	Progress Drive	Steps
	Pim is Counting	✓
	Pim Knows his Learn Its	✓
	Pim Swaps Amounts	✓
	Doubling Amounts	2, 3, 4
	Halving Amounts	2, 3, 4
	Who Won?	✓
	Little Jigsaws	2
Fact Families	5	

C	Progress Drive	Steps
	Addition	13 - 16
	Subtraction	10 - 13
	Multiplication	4
Division	6	

Progress Drive	Steps
Saying Numbers	
1 to 10	✓
11 to 20	✓
1 to 100 Skills	✓
1 to 100 I'm Ready	✓
Counting Past 100 Skills	1 - 5
Counting Past 100 I'm Ready	
Counting Backwards	4

Reading Numbers	
1 to 10	✓
11 to 20	✓
Multiples of 10	✓
2d Numbers	✓
Multiples of 100	1 - 5

Counting Skills	
When to Count	✓
Last Number is the Total	✓
1 to 1 Correspondence	✓

Actual Counting	
1 to 10	✓
1 to 20 & From a Pile	✓

Ordering Numbers	
1 to 10	✓
Different Amounts & 1 to 20	✓
2d Numbers (2 Options)	1 - 5
2d Numbers (5 Options)	1, 2, 3

Counting Multiples	
Multiples of 10	✓
Multiples of 5	✓
Multiples of 2	3

Squigglesworth	
2d Numbers	

S	Progress Drive	Steps
	Explore & Draw	7
	2D Shapes	11
	3D Shapes	7
	Position & Direction	9

A	Progress Drive	Steps
	Amounts of Distance	6
	Amounts of Mass	5
	Amounts of Money	5, 6
	Amounts of Space	5
	Amounts of Temperature	5
	Amounts of Time	11, 12, 13
	Amounts of Time: Telling the Time	1, 2, 3
Amounts of Turn	2	

F	Progress Drive	Steps
	Fractions of a Whole	2
	Fractions of a Set	4
	Fractions: Counting	
	Fractions: Learn Its	1
	Fractions: It's Nothing New	
	Fractions: Calculation	
	Percentages	
Ratio		

E	Progress Drive	Steps
	Diagrams & Tables	6
	Bar Charts	1
	Averages	
	Line Graphs	
	Pie Charts	
	Probability	

D	Progress Drive	Steps
	Pattern Spotting	7
	Algebra	
Prove It!		

A	Progress Drive	Steps
	Amounts Exist	✓
	Amounts Compared 1	✓
	Amounts are Needed	✓
	Amounts Change	✓
	Amounts Compared 2	✓
	Amounts Compared 3	✓
	Amounts Compared by Counting	✓
	No Amount (Zero)	✓

**C** Progress Drives

L	Progress Drive	Steps
	My First Flashcards	✓
	My Body Learn Its	✓
	My Finger Double Learn Its	✓
	My Halving Learn Its	✓
	Double Facts	✓
	My First Number Sentences	✓
	Number Buddy (Bonds to 10)	✓
	Add on 2 Learn Its	✓
	Add on 3 Learn Its	✓
	Single Digit Doubles	1, 2, 3, 4

I	Progress Drive	Steps
	Pim is Counting	✓
	Pim Knows his Learn Its	✓
	Pim Swaps Amounts	✓
	Doubling Amounts	4
	Halving Amounts	4
	Who Won?	✓
	Little Jigsaws	3
Fact Families	✓	

C	Progress Drive	Steps
	Addition	17 - 20
	Subtraction	14 - 17
	Multiplication	5, 6
Division	7, 8	

Progress Drive	Steps
Saying Numbers	
1 to 10	✓
11 to 20	✓
1 to 100 Skills	✓
1 to 100 I'm Ready	✓
Counting Past 100 Skills	✓
Counting Past 100 I'm Ready	1 - 5
Counting Backwards	5

Reading Numbers	
1 to 10	✓
11 to 20	✓
Multiples of 10	✓
2d Numbers	✓
Multiples of 100	✓

Counting Skills	
When to Count	✓
Last Number is the Total	✓
1 to 1 Correspondence	✓

Actual Counting	
1 to 10	✓
1 to 20 & From a Pile	✓

Ordering Numbers	
1 to 10	✓
Different Amounts & 1 to 20	✓
2d Numbers (2 Options)	✓
2d Numbers (5 Options)	✓

Counting Multiples	
Multiples of 10	✓
Multiples of 5	✓
Multiples of 2	4, 5

Squiggleworth	
2d Numbers	1 - 5

S	Progress Drive	Steps
	Explore & Draw	7
	2D Shapes	12, 13
	3D Shapes	8, 9, 10
	Position & Direction	10

A	Progress Drive	Steps
	Amounts of Distance	6
	Amounts of Mass	6
	Amounts of Money	7
	Amounts of Space	6
	Amounts of Temperature	5
	Amounts of Time	13
	Amounts of Time: Telling the Time	4
	Amounts of Turn	3

F	Progress Drive	Steps
	Fractions of a Whole	3, 4, 5, 6, 7
	Fractions of a Set	5
	Fractions: Counting	
	Fractions: Learn Its	1
	Fractions: It's Nothing New	
	Fractions: Calculation	
	Percentages	
	Ratio	1

E	Progress Drive	Steps
	Diagrams & Tables	7 - 12
	Bar Charts	2
	Averages	
	Line Graphs	1
	Pie Charts	
	Probability	

D	Progress Drive	Steps
	Pattern Spotting	8
	Algebra	1, 2
	Prove It!	1

## Little Big Maths and Development Matters

Age Band	A Unique child observing what a child is learning	Where in the Little Big Maths Progress Drives?
<b>Birth to three</b> - babies, toddlers and young children will be learning to:	Combine objects like stacking blocks and cups. Put objects inside others and take them out again.	Pim Swaps Amounts: Step 1
	Take part in finger rhymes with numbers.	My Finger Double Learn Its: Step 5
	React to changes of amount in a group of up to three items.	Amounts Change: Step 3 & 4
	Compare amounts, saying 'lots', 'more' or 'same'.	Amounts Compared 1: Step 4 Amounts Compared 2: Step 5 Amounts Compared 3: Step 5
	Develop counting-like behaviour, such as making sounds, pointing or saying some numbers in sequence.	Saying Numbers 1: 1 to 10: Step 2 Pim is Counting: Step 1
	Count in everyday contexts, sometimes skipping numbers - '1-2-3-5.'	Saying Numbers 1: 1 to 10: Step 3 Counting Skills: When to Count: Step 3
	Climb and squeeze themselves into different types of spaces.	Shape: Position and Direction: Step 5
	Build with a range of resources.	
	Complete inset puzzles.	
	Compare sizes, weights etc. using gesture and language - 'bigger/little/smaller', 'high/low', 'tall', 'heavy'.	Amounts Compared 1: Step 3 Amounts Compared 2: Step 2 Amounts Compared: 3 Step 2
Notice patterns and arrange things in patterns.	Amounts Compared by Counting: Step 5  Dangerous Maths: Pattern Spotting: Step 4	

3 & 4 year olds - will be learning to:	Develop fast recognition of up to 3 objects, without having to count them individually ('subitising'). Recite numbers past 5.	Actual Counting: 1 to 10: Step 1
	Recite numbers past 5.	Saying Numbers: 1 to 10: Step 4
	Say one number for each item in order: 1,2,3,4,5.	Saying Numbers: 1 to 10: Step 4
	Know that the last number reached when counting a small set of objects tells you how many there are in total ('cardinal principle').	Counting Skills 2: Last Number is the Total: Step 3
	Show 'finger numbers' up to 5.	My Body Learn Its: Step 3
	Link numerals and amounts: for example, showing the right number of objects to match the numeral, up to 5.	PIM is Counting: Step 4
	Experiment with their own symbols and marks as well as numerals.	
	Solve real world mathematical problems with numbers up to 5.	Amounts: Amounts Compared by Counting: Step 5
	Compare quantities using language: 'more than', 'fewer than'.	Amounts: Amounts Compared 2: Step 3 Amounts: Amounts Compared 2: Step 4
	Talk about and explore 2D and 3D shapes (for example, circles, rectangles, triangles and cuboids) using informal and mathematical language: 'sides', 'corners'; 'straight', 'flat', 'round'.	Shape: 2D Shapes: Step 10 Shape: 3D Shapes: Step 7
	Understand position through words alone – for example, "The bag is under the table," –with no pointing.	Shape: Position & Direction: Step 8
	Describe a familiar route.	Shape: Position & Direction: Step 9
	Discuss routes and locations, using words like 'in front of' and 'behind'.	Shape: Position & Direction: Step 4
	Make comparisons between objects relating to size, length, weight and capacity.	Amounts: Amounts Compared 2: Step 5

3 & 4 year olds - will be learning to:	Select shapes appropriately: flat surfaces for building, a triangular prism for a roof etc.	Shape: Explore and Draw: Step 6  Shape: 2D Shapes: Step 2  Shape: 3D Shapes: Step 2
	Combine shapes to make new ones - an arch, a bigger triangle etc.	Shape: 2D Shapes: Step 2  Shape: 3D Shapes: Step 2
	Talk about and identify the patterns around them. For example: stripes on clothes, designs on rugs and wallpaper. Use informal language like 'pointy', 'spotty', 'blobs' etc.	Dangerous Maths: Pattern Spotting: Step 2
	Extend and create ABAB patterns – stick, leaf, stick, leaf.	Dangerous Maths: Pattern Spotting: Step 7
	Notice and correct an error in a repeating pattern.	Dangerous Maths: Pattern Spotting: Step 6
	Begin to describe a sequence of events, real or fictional, using words such as 'first', 'then...'	



<p>Children in Reception will be learning to:</p>	Count objects, actions and sounds.	<p>Actual Counting: 1 to 10: Step 5</p> <p>Actual Counting: 1 to 20: Step 5</p>
	Subitise.	Actual Counting: 1 to 10: Step 1
	Link the number symbol (numeral) with its cardinal number value.	Reading Numbers: 1 to 10: Step 5
	Count beyond ten.	<p>Saying Numbers: 11 to 20: Step 5</p> <p>Reading Numbers: 11 to 20: Step 5</p> <p>Actual Counting: 1 to 20: Step 3</p> <p>Actual Counting: Step 6</p>
	Compare numbers.	<p>Amounts: Amounts Compared 2: Step 5</p> <p>Amounts: Amounts Compared 3: Step 5</p> <p>Amounts: Amounts Compared 3: Step 5</p>
	Understand the 'one more than/one less than' relationship between consecutive numbers.	<p>Calculation: Addition: Step 4</p> <p>Calculation: Subtraction: Step 4</p>
	Explore the composition of numbers to 10.	<p>Counting Skills: Step 5</p> <p>Calculation: Addition: Step 4</p> <p>Calculation: Subtraction: Step 4</p>
	Automatically recall number bonds for numbers 0–10.	<p>INN: Number Bonds to 10: Step 1</p> <p>Learn Its: Step 4</p>

<p><b>Children in Reception</b> will be learning to:</p>	<p>Select, rotate and manipulate shapes in order to develop spatial reasoning skills.</p>	<p>Shape: Position &amp; Direction: Step 8</p> <p>Shape: 2D Shapes: Step 10</p> <p>Shape: 3d Shapes: Step 10</p> <p>Shape: Explore &amp; Draw: Step 5</p>
	<p>Compose and decompose shapes so that children recognise a shape can have other shapes within it, just as numbers can.</p>	<p>Shape: Explore &amp; Draw: Step 5</p> <p>Shape: 3d Shapes: Step 7</p>
	<p>Continue, copy and create repeating patterns.</p>	<p><b>Dangerous Maths: Pattern Spotting:</b> Step 7</p>
	<p>Compare length, weight and capacity.</p>	<p>Amounts of Mass: Step 4</p> <p>Amounts of Distance: Step 4</p> <p>Amounts of Space: Step 4</p>

