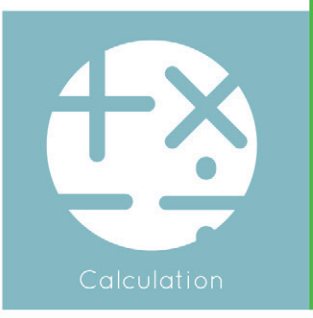
The Definitive Assessment Framework for Primary Mathematics

by Ben Harding

CLIC on your Little Big Maths Planning



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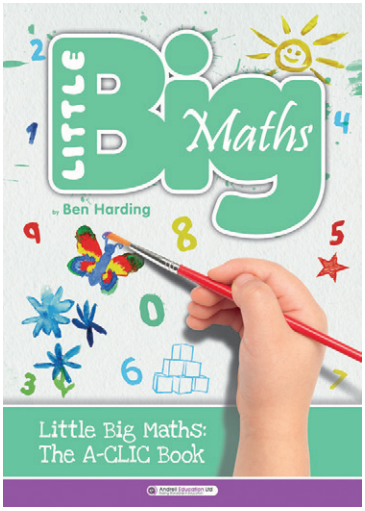
What is 'CLIC on Your Little Big Maths Planning' for?

- 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 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. 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 'Early Years Outcomes'.
- Links are also made in this document between the steps of progression in the Little Big Maths Progress Drives and the 'Early Learning Goal' statement for number.

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

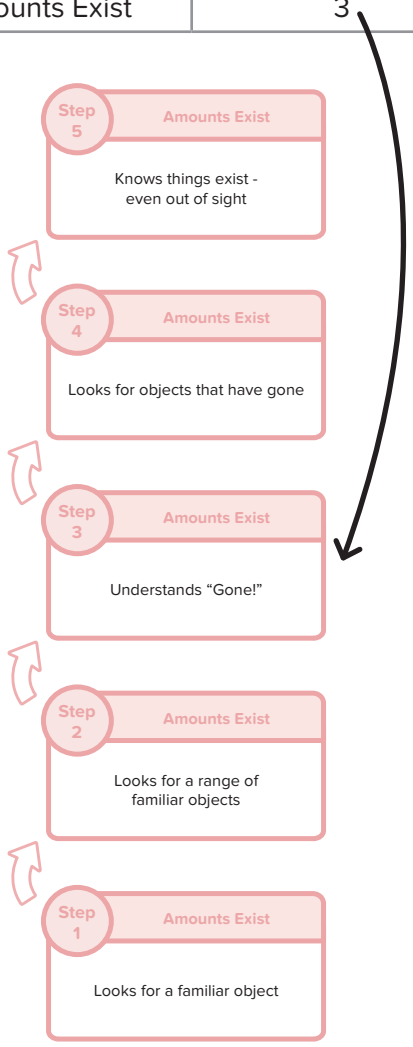
- This document should be used in conjunction with *Little Big Maths: The A-CLIC Book* and the *Little Big Maths: The Tracking Book*.



- 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.

Amounts Exist	3



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	

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

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

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	✓

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	
	Amounts Compared 3	
	Amounts Compared by Counting	
	No Amount (Zero)	1, 2

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	
	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	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	

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	

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	

A

Progress Drive	Steps
Amounts Exist	✓
Amounts Compared 1	2, 3
Amounts are Needed	4
Amounts Change	5
Amounts Compared 2	1, 2
Amounts Compared 3	1, 2
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	

A

Progress Drive	Steps
Amounts Exist	✓
Amounts Compared 1	4, 5
Amounts are Needed	5
Amounts Change	✓
Amounts Compared 2	3, 4
Amounts Compared 3	3, 4
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	

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	4
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	

Squiggleworth	
2d Numbers	

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

C Progress Drives

L	Progress Drive	Steps
	My First Flashcards	✓
	My Body Learn Its	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	

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

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

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	

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	✓

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)	

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

Squiggleworth	
2d Numbers	

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	

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)	1 - 5
	Add on 2 Learn Its	
	Add on 3 Learn Its	
	Single Digit Doubles	

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

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

Progress Drive	Steps
Saying Numbers	
1 to 10	✓
11 to 20	✓
1 to 100 Skills	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

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	✓

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	1 - 5
Multiples of 2	3

Squiggleworth	
2d Numbers	

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

Squiggleworth	
2d Numbers	

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

Little Big Maths and Early Years Outcomes

Age Band	A Unique child observing what a child is learning	Where in the Little Big Maths Progress Drives?
Birth - 11 months	Notices changes in number of objects/ images or sounds in group of up to 3.	Amounts 4: Amounts Change: Step 4
8 - 20 months	Develops an awareness of number names through their enjoyment of action rhymes and songs that relate to their experience of numbers.	Counting: Saying Numbers 1: 1 to 10: Step 1
	Has some understanding that things exist, even when out of sight.	Amounts 1: Amounts Exist: Step 4
16 - 26 months	Knows that things exist, even when out of sight.	Amounts 1: Amounts Exist: Step 5
	Beginning to organise and categorise objects, e.g. putting all the teddy bears together or teddies and cars in separate piles.	INN 3: Pim Swaps Amounts: Step 1
	Says some counting words randomly.	Counting: Saying Numbers 1: 1 to 10: Step 1
22 - 36 months	Selects a small number of objects from a group when asked, for example, 'please give me one', 'please give me two'.	Counting: Counting Skills 3: 1 to 1 Correspondence: Step 5
	Recites some number names in sequence.	Counting: Saying Numbers 1: 1 to 10: Step 3
	Creates and experiments with symbols and marks representing ideas of number.	
	Begins to make comparisons between quantities.	Amounts 5: Amounts Compared 2: Step 4
	Uses some language of quantities, such as 'more' and 'a lot'.	Amounts 5: Amounts Compared 2: Step 3 Amounts 2: Amounts Compared 1: Step 4
	Knows that a group of things changes in quantity when something is added or taken away.	Amounts 4: Amounts Change: Step 3 & 4

30 - 50 months	Uses some number names and number language spontaneously.	Counting: Saying Numbers 1: 1 to 10: Step 1
	Uses some number names accurately in play.	Counting: Actual Counting 1: 1 to 10: Step 1
	Recites numbers in order to 10.	Counting: Saying Numbers 1: 1 to 10: Step 5
	Knows that numbers identify how many objects are in a set.	Counting: Counting Skills 2: Last Number is the Total: Step 3
	Beginning to represent numbers using fingers, marks on paper or pictures.	
	Sometimes matches numeral and quantity correctly.	Counting: Actual Counting 1: 1 to 10: Step 3
	Shows curiosity about numbers by offering comments or asking questions.	
	Compares two groups of objects, saying when they have the same number	Amounts 7: Amounts Compared by Counting: Step 5
	Shows an interest in number problems.	
	Separates a group of three or four objects in different ways, beginning to recognise that the total is still the same.	INN 8: Fact Families - Saying: Step 3
	Shows an interest in numerals in the environment.	Counting: Reading Numbers 1: 1 to 10: Step 1
	Shows an interest in representing numbers.	
	Realises not only objects, but anything can be counted, including steps, claps or jumps.	INN 1: Pim is Counting: Step 3

40 - 60 months	Recognise some numerals of personal significance.	Counting: Reading Numbers 1: 1 to 10: Step 2
	Recognises numerals 1 to 5.	Counting: Reading Numbers 1: 1 to 10: Step 4
	Counts up to three or four objects by saying one number name for each item.	Counting: Actual Counting 1: 1 to 10: Step 2
	Counts actions or objects which cannot be moved.	Counting: Actual Counting 1: 1 to 10: Step 5
	Counts objects to 10, and beginning to count beyond 10.	Counting: Actual Counting 1: 1 to 10: Step 5
	Counts out up to six objects from a larger group	Counting: Actual Counting 2: From a Pile: Step 4
	Selects the correct numeral to represent 1 to 5, then 1 to 10 objects.	Counting: Actual Counting 1: 1 to 10: Step 3, then Step 5
	Counts an irregular arrangement of up to ten objects.	Counting: Actual Counting 1: 1 to 10: Step 5
	Estimates how many objects they can see and checks by counting them.	Counting: Actual Counting 1: 1 to 10: Step 5
	Uses the language of 'more' and 'fewer' to compare two sets of objects.	Amounts 5: Amounts Compared 2: Step 3 & 4
	Finds the total number of items in two groups by counting all of them.	Calculation: Addition: Step 12
	Says the number that is one more than a given number.	Calculation: Addition: Step 3
	Finds one more or one less from a group of up to five objects, then ten objects.	Calculation: Addition: Step 3 Calculation: Subtraction: Step 3
	In practical activities and discussion, beginning to use the vocabulary involved in adding and subtracting.	Calculation: Addition: Step 4 Calculation: Subtraction: Step 4
	Records, using marks that they can interpret and explain.	
	Begins to identify own mathematical problems based on own interests and fascinations	

Little Big Maths and the Early Learning Goal for Number

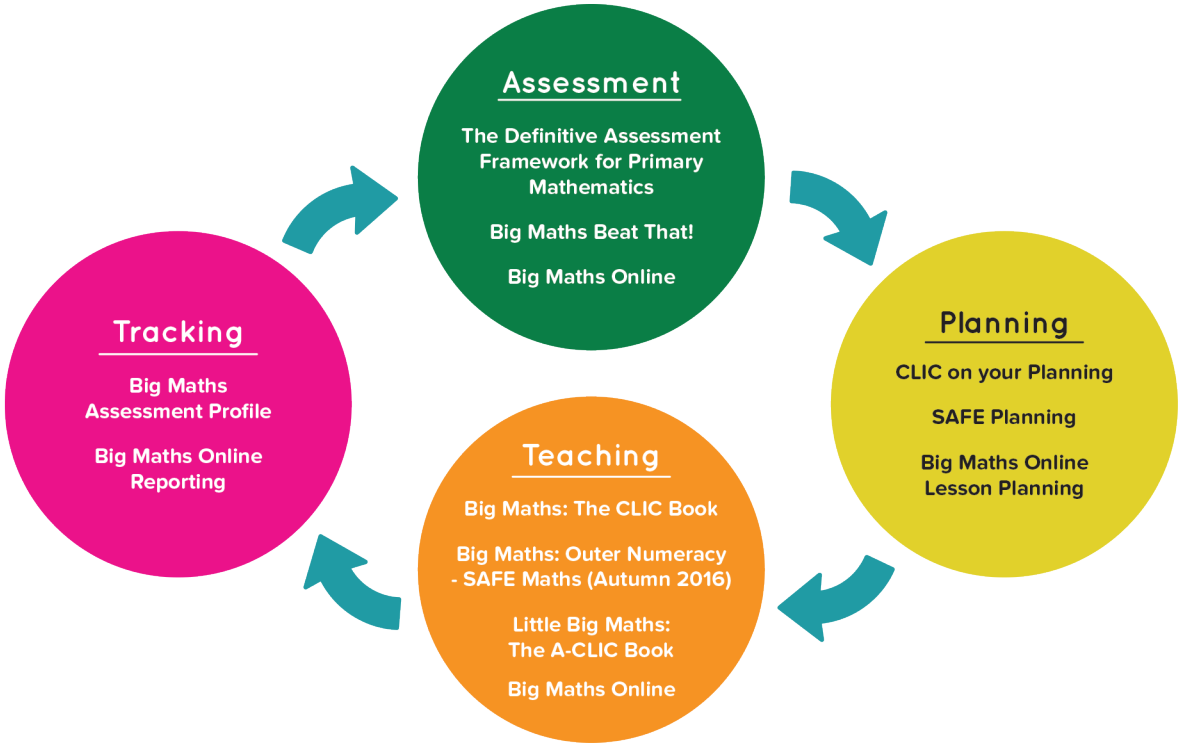
A Unique child observing what a child is learning	Where in the LBM Progress Drives?
Children count reliably with numbers from one to 20	Counting: Actual Counting 2: 1 to 20 Step 3
place them in order	Counting: Ordering Numbers 2: 1 to 20: Step 5
and say which number is one more than a given number.	Calculation: Addition: Step 3
and say which number is one less than a given number.	Calculation: Subtraction: Step 3
Using quantities and objects, they add two single-digit numbers	Calculation: Addition: Step 12
Using quantities and objects, they subtract two single-digit numbers	Calculation: Subtraction: Step 9
and count on to find the answer.	Calculation: Addition: Step 12
and count back to find the answer.	Calculation: Subtraction: Step 9
They solve problems, including doubling.	INN 4: Doubling Amounts: Step 1
They solve problems, including halving.	INN 5: Halving Amounts: Step 1
They solve problems, including sharing.	Calculation: Division: Step 5

Notes

The Definitive Assessment Framework for Primary Mathematics

"To be effective in producing profound, lasting change, professional development interventions had to be prolonged."

The Teacher Development Trust



How to Introduce Big Maths to your School

Training → Resources → Implementation → Support

Big Maths INSET training is the key starting point to sustained, successful implementation. For more information on how to access Big Maths training, give us a **call on +44 (0) 1924 229380.**

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Version Ref: 2.0 01/02/2016