

Version

9

Sample Planner

Foundation Tier One





▲ Foundation Tier One Sample Planner

Term 1 - Counting Forwards 1 to 10 p.4

Term 1
10 weeks

Teacher Led Activities 1 to 10
Exploratory Play Activities 1 to 5
Guided Play Matching Activities 1 to 32

Term 2 - Counting Backwards 10 to 1 p.7

Term 2
8 weeks

Teacher Led Activities 11 to 19
Exploratory Play Activities 6 to 9
Guided Play Choosing Activities 1 to 32

Term 3 - Counting Forwards 10 to 20 p.10

Term 3
10 weeks

Teacher Led Activities 20 to 30
Exploratory Play Activities 10 to 13
Guided Play Building Activities 1 to 32

Term 4 - Counting Backwards 20 to 10 p.13

Term 4
9 weeks

Teacher Led Activities 31 and 40
Exploratory Play Activities 14 to 17
Guided Play Filling Activities 1 to 32

Where Bond Blocks Fit

Bond Blocks are used within a Concrete–Representational–Abstract approach to teaching.

Bond Blocks are a **representational manipulative** designed to help students move from the concrete stage of counting single objects to the abstract stage of a mental number line. The length and number on the block represent a quantity of countable cubes.

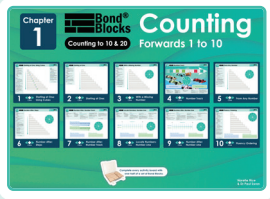
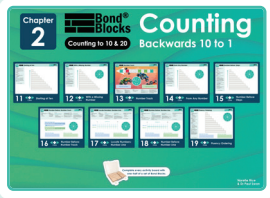
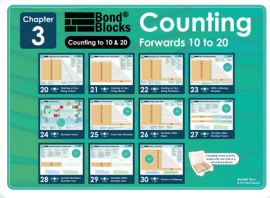

Before using Bond Blocks, students should practise counting objects that are the same size, shape and colour, in a collection, with one-to-one correspondence. Examples include cubes and counters on ten strips.

Focus on developing the first three counting principles.

- 1 Stable Order**
Number names are said in the conventional order.
- 2 One-to-One Correspondence**
Each item is counted once, as the corresponding word is said.
- 3 Cardinal Value**
The last number said indicated the total for the group.

Gelman, R. & Gallistel, C. (1978) *The Child's Understanding of Number*. Cambridge, MA. Harvard University Press.

After this, students repeat and consolidate this counting sequence using Bond Blocks. For example,





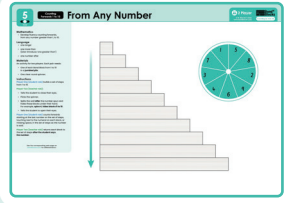
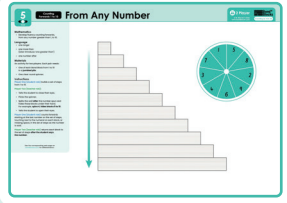
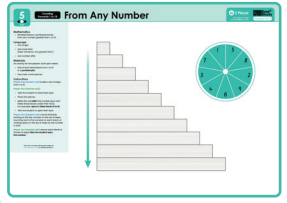
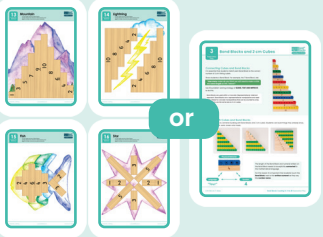




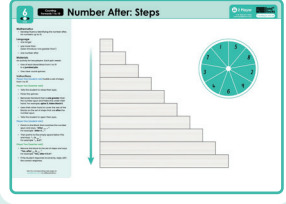
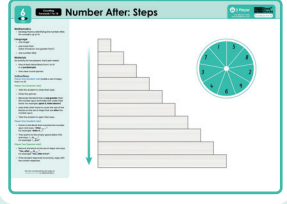
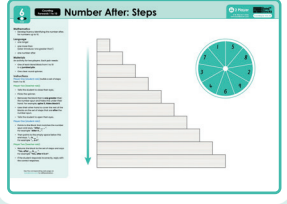
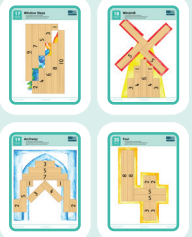




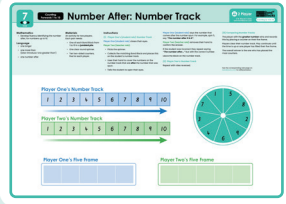
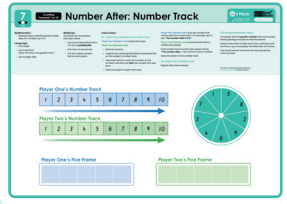
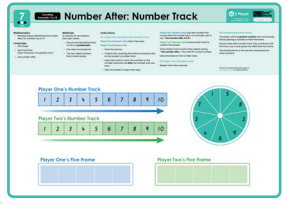

Term	Bond Blocks Focus	Class Maths Counting Focus
Term 1	 <p>Forwards 1 to 10</p>	<p>Forwards zero¹ to ten Backwards ten to zero</p>
Term 2	 <p>Backwards 10 to 1</p>	<p>Forwards ten to twenty Forwards beyond² twenty</p>
Term 3	 <p>Forwards 10 to 20</p>	<p>Backwards twenty to ten</p>
Term 4	 <p>Backwards 20 to 10</p>	<p>Review backwards from ten Forwards beyond twenty</p>

¹Zero can be used when Bond Blocks are arranged in a set of steps by pointing to the space on the before the 1 block. There is no Bond Block for zero, because zero means no blocks.

²It is essential students count beyond 20. Foundation curriculum states "to at least 20". Counting beyond 20 helps students see patterns in the ones and tens digits of two-digit numbers and understand how these digits relate to the size of the number. This increases students' awareness as to why writing the teen numbers as they are said is not correct. For example, it is common for students to initially write 'fourteen' incorrectly, as 41. However, once they learn the counting into the forties, they often self-correct, realising they have written 'forty-one'. Increasing students understanding of the number sequence past 20 is a more effective way to correct errors in writing teen numbers, than focusing on numbers only to 20. Stopping students learning about numbers beyond 20 because they write the teen numbers incorrectly is counterproductive.

Term 1 - Counting Forwards 1 to 10

Week	Activity			
1	Day 1 - Exploratory Play 20 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 20 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 20 min <input type="checkbox"/> Completed	Day 4 - Teacher Led Activity 20 min <input type="checkbox"/> Completed
	1) Introductory Play *Students must do this before the 'Starting at One: Using Cubes' teacher led counting activity	1) Starting at One: Using Cubes <ul style="list-style-type: none"> • Session 1: Set Up and Counting using cubes. 	1) Starting at One: Using Cubes <ul style="list-style-type: none"> • Session 2: Set Up and Counting using cubes. 	1) Starting at One: Using Cubes <ul style="list-style-type: none"> • Session 3: Set Up and Counting using cubes and Bond Blocks.
2	Day 1 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Guided Play 8 min <input type="checkbox"/> Completed
	2) Starting at One	2) Starting at One	2) Starting at One	Matching Activities 1 to 4
3	Day 1 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Guided Play 8 min <input type="checkbox"/> Completed
	3) With a Missing Number	3) With a Missing Number	3) With a Missing Number	Matching Activities 5 to 8
4	Day 1 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Guided Play or Exploratory Play 8 min <input type="checkbox"/> Completed
	4) Number Track	4) Number Track	4) Number Track	Matching Activities 9 to 12 or EP 2) Building Things I Know

Week	Activity			
5	Day 1 - Teacher Led Activity  8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity  8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity  8 min <input type="checkbox"/> Completed	Day 4 - Guided Play or Exploratory Play  8 min <input type="checkbox"/> Completed
				 <p>Matching Activities 13 to 16 or EP 3) Bond Blocks and 2 cm Cubes</p>
	5) From Any Number	5) From Any Number	5) From Any Number	
	Day 1 - Teacher Led Activity  8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity  8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity  8 min <input type="checkbox"/> Completed	Day 4 - Guided Play  8 min <input type="checkbox"/> Completed
				
6) Number After Steps	6) Number After Steps	6) Number After Steps	Matching Activities 17 to 20	
Day 1 - Teacher Led Activity  8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity  8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity  8 min <input type="checkbox"/> Completed	Day 4 - Guided Play  8 min <input type="checkbox"/> Completed	
				
7) Number After: Number Track	7) Number After: Number Track	7) Number After: Number Track	Matching Activities 21 to 24	





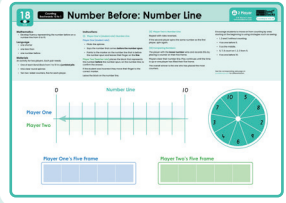
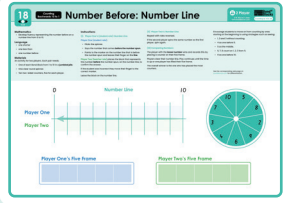
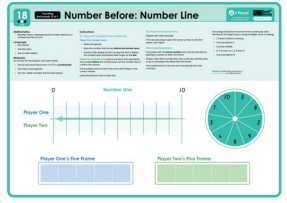
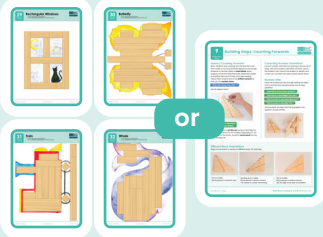




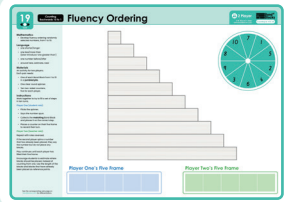
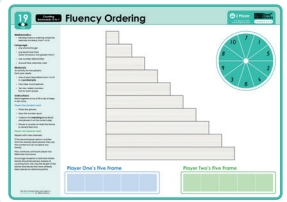
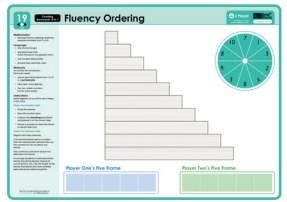


Week	Activity			
8	Day 1 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Guided Play or Exploratory Play 8 min <input type="checkbox"/> Completed
	8) Locate Numbers: Number Line	8) Locate Numbers: Number Line	8) Locate Numbers: Number Line	Matching Activities 25 to 28 or EP 4) How Many Cubes? Up to Three
9	Day 1 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Guided Play or Exploratory Play 8 min <input type="checkbox"/> Completed
	9) Number After: Number Line	9) Number After: Number Line	9) Number After: Number Line	Matching Activities 29 to 32 or EP 5) Building Roads: Routes
10	Day 1 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Guided Play 8 min <input type="checkbox"/> Completed
				Teacher's choice of a previous activity as review.
	10) Fluency Ordering	10) Fluency Ordering	10) Fluency Ordering	

Term 2 - Counting Backwards 10 to 1

Week	Activity			
1	Day 1 - Exploratory Play 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Teacher Led Activity 8 min <input type="checkbox"/> Completed
	<p>11) Starting at Ten</p>	<p>11) Starting at Ten</p>	<p>11) Starting at Ten</p>	<p>Choosing Activities 1 to 4</p>
2	Day 1 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Guided Play 8 min <input type="checkbox"/> Completed
	<p>12) With a Missing Number</p>	<p>12) With a Missing Number</p>	<p>12) With a Missing Number</p>	<p>Choosing Activities 5 to 8</p>
3	Day 1 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Guided Play 8 min <input type="checkbox"/> Completed
	<p>13) Number Track</p>	<p>13) Number Track</p>	<p>13) Number Track</p>	<p>Choosing Activities 9 to 12 or EP 6) Building Roads: Wheels and Ramps</p>
4	Day 1 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Guided Play or Exploratory Play 8 min <input type="checkbox"/> Completed
	<p>14) From Any Number</p>	<p>14) From Any Number</p>	<p>14) From Any Number</p>	<p>Choosing Activities 13 to 16 or EP 7) Building Roads: Counting Order</p>

Week	Activity			
5	Day 1 - Exploratory Play 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Teacher Led Activity 8 min <input type="checkbox"/> Completed
	15) Number Before: Steps	15) Number Before: Steps	15) Number Before: Steps	Choosing Activities 17 to 20
6	Day 1 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Guided Play 8 min <input type="checkbox"/> Completed
	16) Number Before: Number Track	16) Number Before: Number Track	16) Number Before: Number Track	Choosing Activities 21 to 24
7	Day 1 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Guided Play 8 min <input type="checkbox"/> Completed
	17) Locate Numbers: Number Line	17) Locate Numbers: Number Line	17) Locate Numbers: Number Line	Choosing Activities 25 to 28 or EP 8) Building Towers

Week	Activity			
8	Day 1 - Teacher Led Activity  8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity  8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity  8 min <input type="checkbox"/> Completed	Day 4 - Guided Play or Exploratory Play  8 min <input type="checkbox"/> Completed
	 <p>18) Number Before: Number Line</p>	 <p>18) Number Before: Number Line</p>	 <p>18) Number Before: Number Line</p>	 <p>Choosing Activities 29 to 32 or EP 9) Building Steps: Counting Forwards</p>
9	Day 1 - Teacher Led Activity  8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity  8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity  8 min <input type="checkbox"/> Completed	Day 4 - Guided Play  8 min <input type="checkbox"/> Completed
	 <p>19) Fluency Ordering</p>	 <p>19) Fluency Ordering</p>	 <p>19) Fluency Ordering</p>	<p>Teacher's choice of a previous activity as review.</p>

Term 3 - Counting Forwards 10 to 20

Week	Activity			
1	Day 1 - Exploratory Play 20 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 20 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 20 min <input type="checkbox"/> Completed	Day 4 - Teacher Led Activity 8 min <input type="checkbox"/> Completed
	20) Starting at Ten: Using Cubes <ul style="list-style-type: none"> • Session 1: Set Up and Counting using cubes. 	20) Starting at Ten: Using Cubes <ul style="list-style-type: none"> • Session 2: Set Up and Counting using cubes. 	20) Starting at Ten: Using Cubes <ul style="list-style-type: none"> • Session 3: Set Up and Counting using cubes and Bond Blocks. 	Building Activities 1 to 4
2	Day 1 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Guided Play 8 min <input type="checkbox"/> Completed
	21) Starting at Ten: Using Words	21) Starting at Ten: Using Words	21) Starting at Ten: Using Words	Matching Activities 5 to 8
3	Day 1 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Guided Play 8 min <input type="checkbox"/> Completed
	22) Starting at Ten: Using Numbers	22) Starting at Ten: Using Numbers	22) Starting at Ten: Using Numbers	Building Activities 9 to 12 or EP 10) Building Steps: Counting Backwards





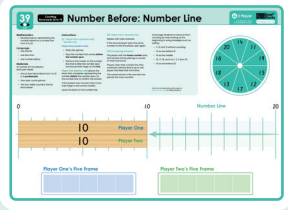
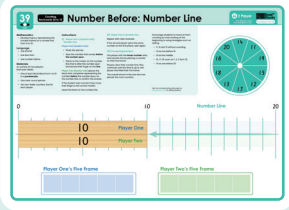
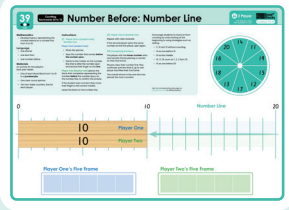
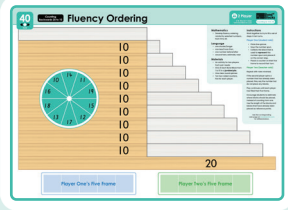
Week	Activity			
4	Day 1 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Guided Play or Exploratory Play 8 min <input type="checkbox"/> Completed
	23) With a Missing Number	23) With a Missing Number	23) With a Missing Number	Building Activities 13 to 16 or EP 11) Building Mountain Steps
5	Day 1 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Guided Play 8 min <input type="checkbox"/> Completed
	24) Number Track	24) Number Track	24) Number Track	Building Activities 17 to 20
6	Day 1 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Guided Play 8 min <input type="checkbox"/> Completed
	25) From Any Number	25) From Any Number	25) From Any Number	Building Activities 21 to 24
7	Day 1 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Guided Play 8 min <input type="checkbox"/> Completed
	26) Number After: Steps	26) Number After: Steps	26) Number After: Steps	Building Activities 25 to 28 or EP 12) How Many Cubes? Four or more.

Week	Activity			
8	Day 1 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Guided Play 8 min <input type="checkbox"/> Completed
	27) Number After: Number Track	27) Number After: Number Track	27) Number After: Number Track	Building Activities 29 to 32 or EP 13) Building Roads: Comparing Numbers
9	Day 1 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Guided Play 8 min <input type="checkbox"/> Completed
	28) Locate Numbers: Number Line	28) Locate Numbers: Number Line	28) Locate Numbers: Number Line	30) Fluency Ordering *A similar board appears in chapters one and two. This is an excellent review.
10	Day 1 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Guided Play 8 min <input type="checkbox"/> Completed
	29) Number After: Number Line	29) Number After: Number Line	29) Number After: Number Line	30) Fluency Ordering *A similar board appears in chapters one and two. This is an excellent review.

Term 4 - Counting Backwards 20 to 10

Week	Activity			
1	Day 1 - Exploratory Play 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Teacher Led Activity 8 min <input type="checkbox"/> Completed
	31) Starting at Twenty: Using Words	31) Starting at Twenty: Using Words	31) Starting at Twenty: Using Words	Filling Activities 1 to 4
2	Day 1 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Guided Play 8 min <input type="checkbox"/> Completed
	32) Starting at Twenty: Using Numbers	32) Starting at Twenty: Using Numbers	32) Starting at Twenty: Using Numbers	Filling Activities 5 to 8
3	Day 1 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Guided Play 8 min <input type="checkbox"/> Completed
	33) With a Missing Number	33) With a Missing Number	33) With a Missing Number	Filling Activities 9 to 12 or EP 14) Comparing Steps
4	Day 1 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Guided Play 8 min <input type="checkbox"/> Completed
	34) Number Track	34) Number Track	34) Number Track	Filling Activities 13 to 16 or EP 15) Comparing Mountain Steps

Week	Activity			
5	Day 1 - Exploratory Play 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Teacher Led Activity 8 min <input type="checkbox"/> Completed
35) From Any Number				Filling Activities 17 to 20
6	Day 1 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Guided Play 8 min <input type="checkbox"/> Completed
36) Number Before: Steps				Filling Activities 21 to 24
7	Day 1 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Guided Play 8 min <input type="checkbox"/> Completed
37) Number Before: Number Track				Filling Activities 25 to 28 or EP 16) Comparing Towers
8	Day 1 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity 8 min <input type="checkbox"/> Completed	Day 4 - Guided Play 8 min <input type="checkbox"/> Completed
38) Locate Numbers: Number Line				Filling Activities 29 to 32 or EP 17) Building Walls

Week	Activity			
9	Day 1 - Exploratory Play  8 min <input type="checkbox"/> Completed	Day 2 - Teacher Led Activity  8 min <input type="checkbox"/> Completed	Day 3 - Teacher Led Activity  8 min <input type="checkbox"/> Completed	Day 4 - Teacher Led Activity  8 min <input type="checkbox"/> Completed
	 <p>39) Number Before: Number Line</p>	 <p>39) Number Before: Number Line</p>	 <p>39) Number Before: Number Line</p>	 <p>40) Fluency Ordering</p> <p>*A similar board appears in chapters one, two and three. This is an excellent review.</p>