Bond® Blocks

Counting to 10 & 20

Version 9

Tier One Implementation Planner:

Foundation

Bond® Blocks

bondblocks.com

drpaulswan.com.au

Narelle Rice

& Dr Paul Swan

Counting to 10 & 20 | Foundation

Tier One Implementation Planner: Foundation

Term 1 - Counting Forwards 1 to 10 p.4

10 weeks	Teacher Led Activities	Exploratory Play Activities	Guided Play Activities
week 1	• 1 Understanding: Lesson Body	• 1 to 5	• Matching Activities 1 to 32
weeks 2 - 7	• 2 to 7 Fluency: Warm Up		
weeks 8 - 9	• 8 & 9 Understanding: Lesson Body		
week 10	• 10 Fluency: Warm Up		

Term 2 - Counting Backwards 10 to 1 p.8

9 weeks	Teacher Led Activities	Exploratory Play Activities	Guided Play Activities
weeks 1 - 6	• 11 to 16 Fluency: Warm Up	• 6 to 9	• Choosing Activities 1 to 32
weeks 7 - 8	• 17 & 18 Understanding: Lesson Body		
week 9	• 19 Fluency: Warm Up		

Term 3 - Counting Forwards 10 to 20 p.12

10 weeks	Teacher Led Activities	Exploratory Play Activities	Guided Play Activities
weeks 1 - 4	• 20 to 22 Understanding: Lesson Body	• 10 to 13	• Building Activities 17 to 32
weeks 5 - 8	• 23 to 27 Fluency: Warm Up		
weeks 9 - 10	• 28 & 29 Understanding: Lesson Body		

Term 4 - Counting Backwards 20 to 10 p.16

9 weeks	Teacher Led Activities	Exploratory Play Activities	Guided Play Activities
weeks 1 - 3	• 31 to 32 Understanding: Lesson Body	• 14 to 17	• Filling Activities 17 to 28
weeks 4 - 7	• 33 to 37 Fluency: Warm Up		
weeks 8 - 9	• 38 to 39 Understanding: Lesson Body		

Fluency Boards

Most of the Teacher-Led boards are fluency activities. These are completed during the lesson **warm-up** and typically have one video per week, shown in the first session.

Please note, it takes time to develop an efficient whole class routine. Over time the Teacher-Led Fluency Activities sessions can go from initially taking 30 minutes, down to 15 minutes. Within the 15 minutes students engage in the specific Bond Blocks activity for 8 minutes. On the planner, these are denoted with an 8 minute timer symbol. The goal is frequent, short practice.

Understanding Boards

A small number of Teacher-Led boards are understanding activities. These are completed as the **main body** of the lesson. During this lesson, do a non-Bond Block activity for the warm-up.

On the planner, understanding activities are are denoted with a 40 minute timer symbol. These have a **different video** for every session.

© N. Rice & P. Swan

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

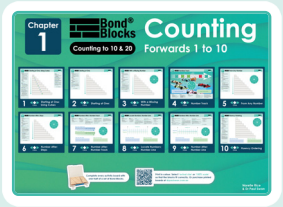
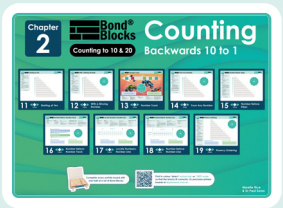
Each item is counted once, as the corresponding word is said.

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 consolidate and extend this counting sequence using Bond Blocks. For example,

Term	Counting *discrete objects* using the first three counting principles:	Consolidating and extending counting sequences using Bond Blocks	
Term 1	Forwards zero[1] to ten Backwards ten to zero		Forwards 1 to 10
Term 2	Forwards ten to twenty Forwards beyond[2] twenty		Backwards 10 to 1
Term 3	Backwards twenty to ten		Forwards 10 to 20
Term 4	Review backwards from ten Forwards beyond twenty		Backwards 20 to 10

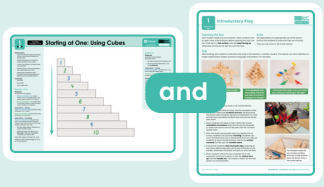
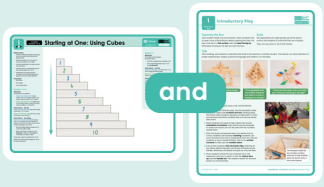
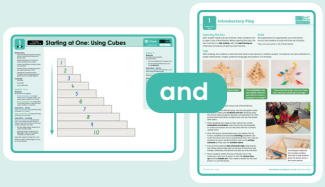
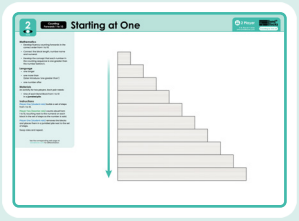
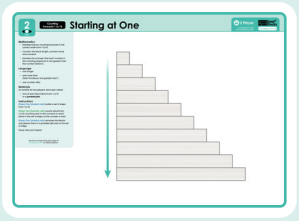
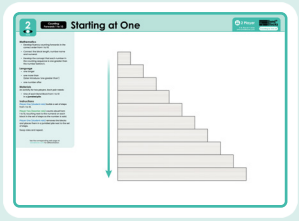
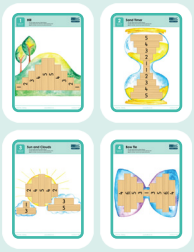
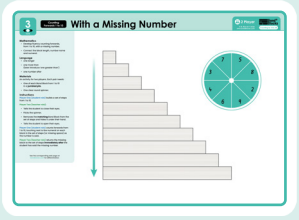
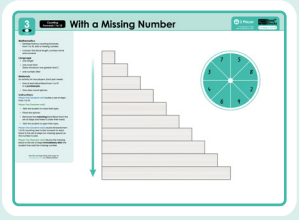
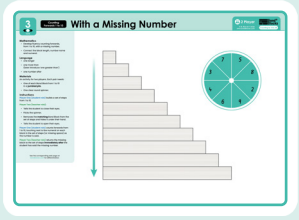
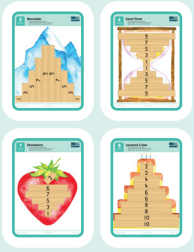
[1] Zero can be used when Bond Blocks are arranged in a set of steps by pointing to the space before the 1 block.
There is no Bond Block for zero, because zero means no blocks.

[2] It 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.

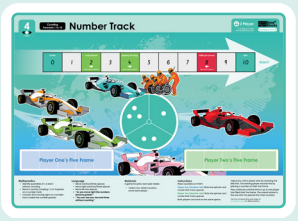
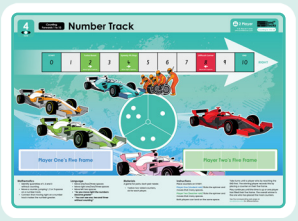
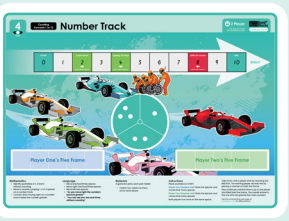
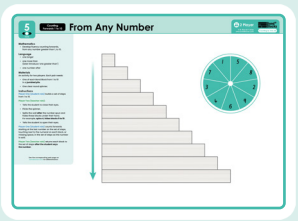
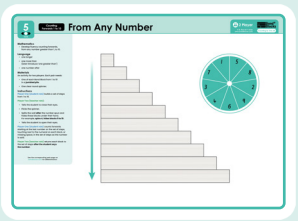
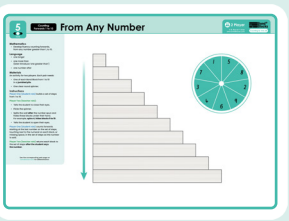
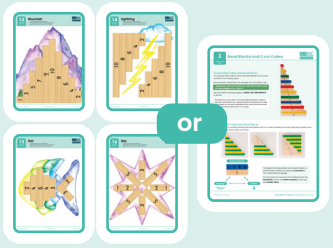
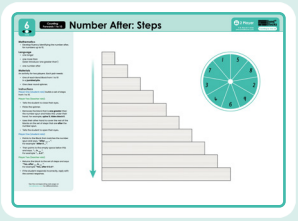
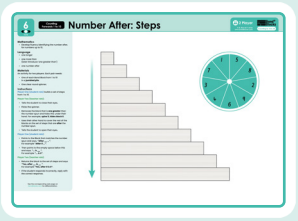
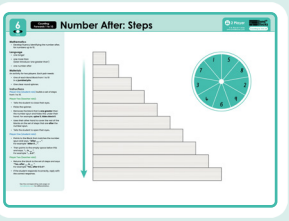
Version 9

Counting to 10 & 20 | Foundation

Term 1 - Counting Forwards 1 to 10

Week	Activity			
1	**Day 1** 8 min ☐ Completed	**Day 2** Understanding 40 min ☐ Completed	**Day 3** 40 min ☐ Completed	**Day 4** 40 min ☐ Completed
				
	EP 1) Introductory Play • Students must do **Exploratory Play 1 (EP 1) before** the Teacher Led counting activities.	**1) Starting at One: Using Cubes** **Session 1: Cubes Only** • Watch Session 1 video. • Complete "Instructions - Set Up" and "Instructions - Counting". **EP 1) Introductory Play**	**1) Starting at One: Using Cubes** **Session 2: Cubes Only** • Watch Session 2 video. • Repeat "Instructions - Set Up" and "Instructions - Counting". **EP 1) Introductory Play**	**1) Starting at One: Using Cubes** **Session 3: Cubes and Bond Blocks** • Watch Session 3 video. • Complete "Instructions - Set Up" and "Instructions - Counting". **EP 1) Introductory Play**
2	**Day 1** Fluency 8 min ☐ Completed	**Day 2** 8 min ☐ Completed	**Day 3** 8 min ☐ Completed	**Day 4** 8 min ☐ Completed
				
	2) Starting at One • Watch video. • Complete activity once.	**2) Starting at One** • Repeat activity.	**2) Starting at One** **Take Turns** • Watch 'a little harder' Differentiation video. • Complete as instructed.	**Matching Activities 1 to 4**
3	**Day 1** Fluency 8 min ☐ Completed	**Day 2** 8 min ☐ Completed	**Day 3** 8 min ☐ Completed	**Day 4** 8 min ☐ Completed
				
	3) With a Missing Number • Watch video. • Complete activity once.	**3) With a Missing Number** **Spin Twice** • Watch 'a little harder' Differentiation video. • Complete as instructed.	**3) With a Missing Number** **Consecutive Blocks** • Watch 'a little harder' Differentiation video. • Complete as instructed.	**Matching Activities 5 to 8**

© N. Rice & P. Swan

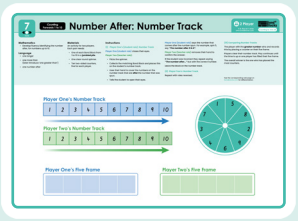
Week	Activity			
4	**Day 1** Fluency 8 min ☐ Completed	**Day 2** 8 min ☐ Completed	**Day 3** 8 min ☐ Completed	**Day 4** 8 min ☐ Completed
	 **4) Number Track** • Watch video. • Complete activity once.	 **4) Number Track** • Repeat activity.	 **4) Number Track** • Repeat activity.	 **Matching Activities 9 to 12** or **EP 2) Building Things I Know**
5	**Day 1** Fluency 8 min ☐ Completed	**Day 2** 8 min ☐ Completed	**Day 3** 8 min ☐ Completed	**Day 4** 8 min ☐ Completed
	 **5) From Any Number** • Watch video. • Complete activity once.	 **5) From Any Number** • Repeat activity.	 **5) From Any Number** **Cover Remaining Blocks** • Watch 'a little harder' Differentiation video. • Complete as instructed.	 **Matching Activities 13 to 16** or **EP 3) Bond Blocks and 2 cm Cubes**
6	**Day 1** Fluency 8 min ☐ Completed	**Day 2** 8 min ☐ Completed	**Day 3** 8 min ☐ Completed	**Day 4** 8 min ☐ Completed
	 **6) Number After Steps** • Watch video. • Complete activity once.	 **6) Number After Steps** **Place Block Spun** • Watch 'a little harder' Differentiation video. • Complete as instructed.	 **6) Number After Steps** **Number Between** • Watch 'a little harder' Differentiation video. • Complete as instructed.	 **Matching Activities 17 to 20**

Week	Activity

Week 7

Day 1 — Fluency

8 min ☐ Completed

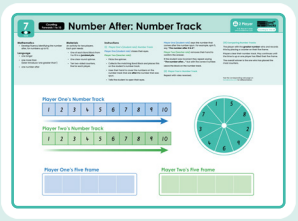


7) Number After: Number Track

- Watch video.
- Complete activity once.

Day 2

8 min ☐ Completed

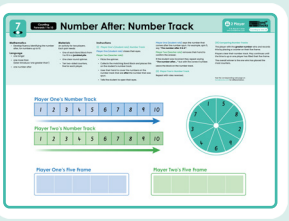


7) Number After: Number Track

- Repeat activity. Note 'a little harder' and 'a little easier' differentiation options.

Day 3

8 min ☐ Completed

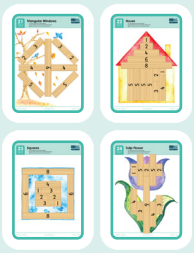


7) Number After: Number Track

- Repeat activity.

Day 4

8 min ☐ Completed

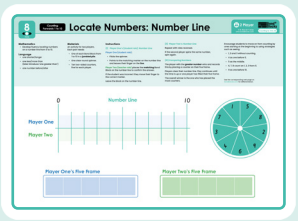


Matching Activities 21 to 24

Week 8

Day 1 — Understanding

40 min ☐ Completed



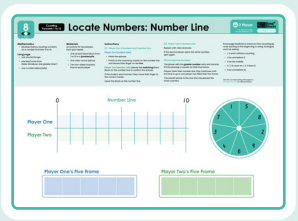
8) Locate Numbers: Number Line

Locate 1, 2, 3, 5, 9

- Watch video.
- Complete activity using the 'a little easier' differentiation instructions "Locate 1, 2, 3, 5, 9".
- This is hard. Working with number lines lays the foundation for next year.

Day 2

40 min ☐ Completed



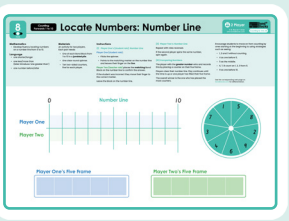
8) Locate Numbers: Number Line

Locate 4, 6, 7, 8

- Watch video.
- Complete activity using the 'a little easier' differentiation instructions "Locate 4, 6, 7, 8".

Day 3

40 min ☐ Completed



8) Locate Numbers: Number Line

Core

- Watch video.
- Complete activity **without** 'a little easier' differentiation as appropriate.

Day 4

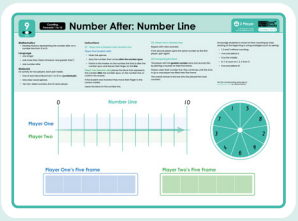
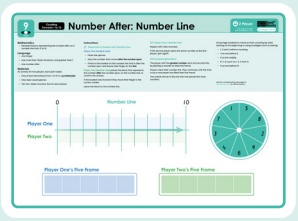
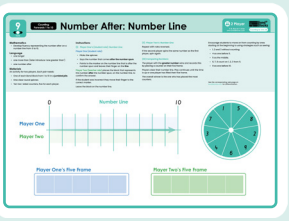
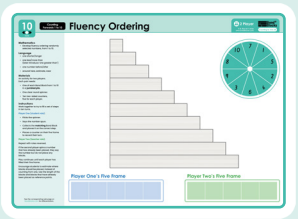
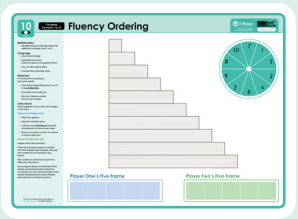
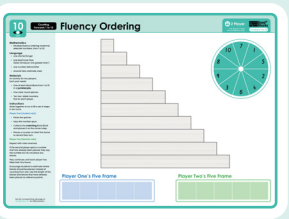
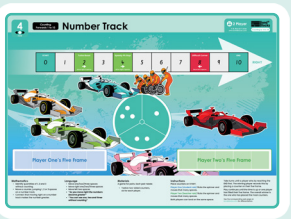
8 min ☐ Completed

Matching Activities 25 to 28

or

EP 4) How Many Cubes? Up to Three

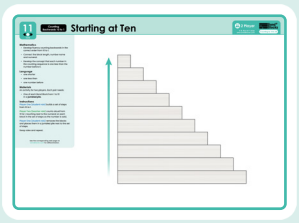
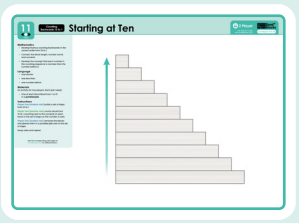
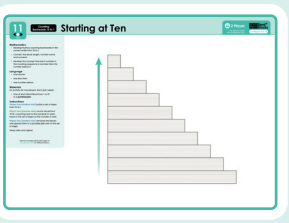
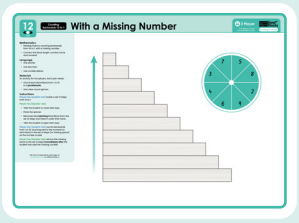
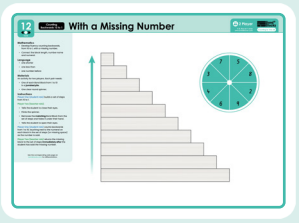
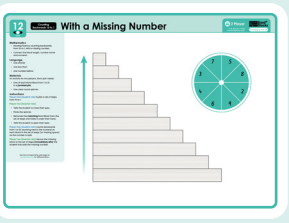
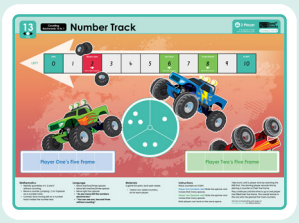
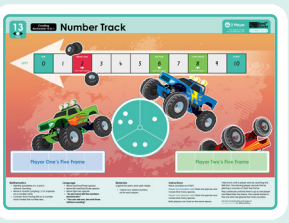
© N. Rice & P. Swan

Week	Activity			
9	**Day 1** Understanding 40 min ☐ Completed	**Day 2** 40 min ☐ Completed	**Day 3** 40 min ☐ Completed	**Day 4** 8 min ☐ Completed
	 **9) Number After: Number Line** **Locate 1, 2, 3, 5, 9** • Watch video. • Complete activity using the 'a little easier' differentiation instructions "Locate 1, 2, 3, 5, 9". • This is hard. Working with number lines lays the foundation for next year.	 **9) Number After: Number Line** **Locate 4, 6, 7, 8** • Watch video. • Complete activity using the 'a little easier' differentiation instructions "Locate 4, 6, 7, 8".	 **9) Number After: Number Line** **Core** • Watch video. • Complete activity **without** 'a little easier' differentiation as appropriate.	 **Matching Activities 29 to 32** or **EP 5) Building Roads: Routes**
10	**Day 1** Fluency 8 min ☐ Completed	**Day 2** 8 min ☐ Completed	**Day 3** 8 min ☐ Completed	**Day 4** 8 min ☐ Completed
	 **10) Fluency Ordering** • Watch video. • Complete activity once.	 **10) Fluency Ordering** • Repeat activity.	 **10) Fluency Ordering** • Repeat activity.	 **4) Number Track** • Complete activity.

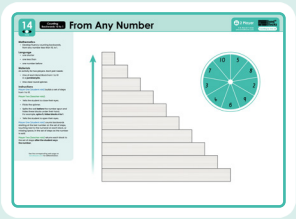
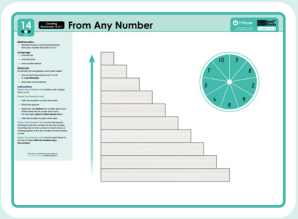
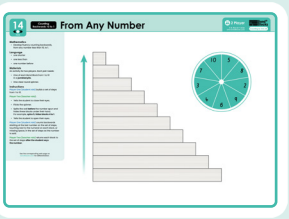
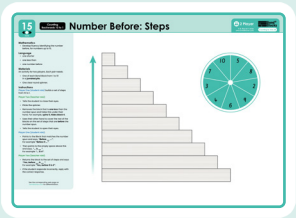
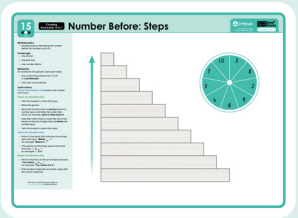
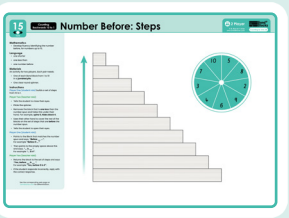
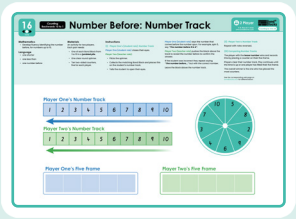
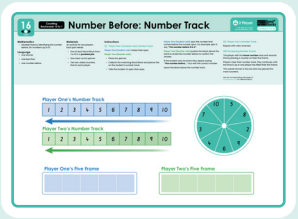
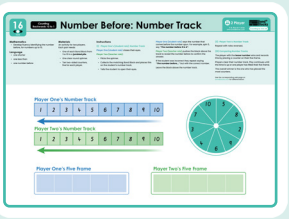
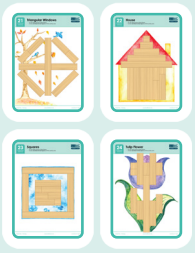
Version 9

Counting to 10 & 20 | Foundation

Term 2 - Counting Backwards 10 to 1

Week	Activity			
1	**Day 1** Fluency 8 min ☐ Completed	**Day 2** 8 min ☐ Completed	**Day 3** 8 min ☐ Completed	**Day 4** 8 min ☐ Completed
				
	11) Starting at Ten • Watch video. • Complete activity once.	**11) Starting at Ten** • Repeat activity.	**11) Starting at Ten** **Take Turns** • Watch 'a little harder' Differentiation video. • Complete as instructed.	**Choosing Activities 1 to 4**
2	**Day 1** Fluency 8 min ☐ Completed	**Day 2** 8 min ☐ Completed	**Day 3** 8 min ☐ Completed	**Day 4** 8 min ☐ Completed
				
	12) With a Missing Number • Watch video. • Complete activity once.	**12) With a Missing Number** **Spin Twice** • Watch 'a little harder' Differentiation video. • Complete as instructed.	**12) With a Missing Number** **Consecutive Blocks** • Watch 'a little harder' Differentiation video. • Complete as instructed.	**Choosing Activities 5 to 8**
3	**Day 1** Fluency 8 min ☐ Completed	**Day 2** 8 min ☐ Completed	**Day 3** 8 min ☐ Completed	**Day 4** 8 min ☐ Completed
				
	13) Number Track • Watch video. • Complete activity once.	**13) Number Track** • Repeat activity.	**13) Number Track** • Repeat activity.	**Choosing Activities 9 to 12** **or** **EP 6) Building Roads: Wheels and Ramps**

© N. Rice & P. Swan

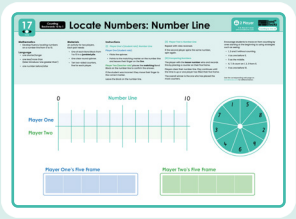
Week	Activity			
4	**Day 1** Fluency 8 min ☐ Completed  **14) From Any Number** • Watch video. • Complete activity once.	**Day 2** 8 min ☐ Completed  **14) From Any Number** • Repeat activity.	**Day 3** 8 min ☐ Completed  **14) From Any Number** **Cover Remaining Blocks** • Watch 'a little harder' Differentiation video. • Complete as instructed.	**Day 4** 8 min ☐ Completed  **Choosing Activities 13 to 16** or **EP 7) Building Roads: Counting Order**
5	**Day 1** Fluency 8 min ☐ Completed  **15) Number Before: Steps** • Watch video. • Complete activity once.	**Day 2 – Teacher Led Activity** 8 min ☐ Completed  **15) Number Before: Steps** **Place Block Spun** • Watch 'a little harder' Differentiation video. • Complete as instructed.	**Day 3 – Teacher Led Activity** 8 min ☐ Completed  **15) Number Before: Steps** **Number Between** • Watch 'a little harder' Differentiation video. • Complete as instructed.	**Day 4 – Teacher Led Activity** 8 min ☐ Completed  **Choosing Activities 17 to 20**
6	**Day 1** Fluency 8 min ☐ Completed  **16) Number Before: Number Track** • Watch video. • Complete activity once.	**Day 2** 8 min ☐ Completed  **16) Number Before: Number Track** • Repeat activity. Note 'a little harder' and 'a little easier' differentiation options.	**Day 3** 8 min ☐ Completed  **16) Number Before: Number Track** • Repeat activity.	**Day 4** 8 min ☐ Completed  **Choosing Activities 21 to 24**

Week	Activity

7

Day 1 — Understanding

40 min ☐ Completed



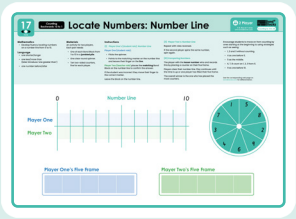
17) Locate Numbers: Number Line

Locate 1, 2, 3, 5, 9

- Watch video.
- Complete activity using the 'a little easier' differentiation instructions "Locate 1, 2, 3, 5, 9".
- This is hard. Working with number lines lays the foundation for next year.

Day 2

40 min ☐ Completed



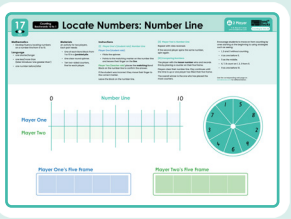
17) Locate Numbers: Number Line

Locate 4, 6, 7, 8

- Watch video.
- Complete activity using the 'a little easier' differentiation instructions "Locate 4, 6, 7, 8".

Day 3

40 min ☐ Completed



17) Locate Numbers: Number Line

Core

- Watch video.
- Complete activity **without** 'a little easier' differentiation as appropriate.

Day 4

8 min ☐ Completed

Choosing Activities 25 to 28

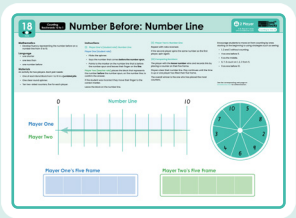
or

EP 8) Building Towers

8

Day 1 — Understanding

40 min ☐ Completed



18) Number Before: Number Line

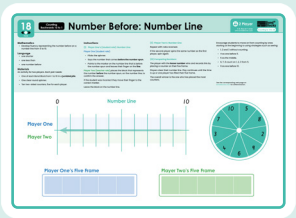
- Watch video.

Locate 1, 2, 3, 5, 9

- Watch video.
- Complete activity using the 'a little easier' differentiation instructions "Locate 1, 2, 3, 5, 9".
- This is hard. Working with number lines lays the foundation for next year.

Day 2

40 min ☐ Completed



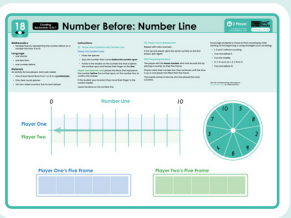
18) Number Before: Number Line

Locate 4, 6, 7, 8

- Watch video.
- Complete activity using the 'a little easier' differentiation instructions "Locate 4, 6, 7, 8".

Day 3

40 min ☐ Completed



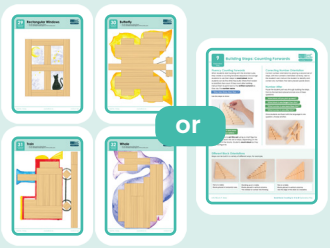
18) Number Before: Number Line

Core

- Watch video.
- Complete activity **without** 'a little easier' differentiation as appropriate.

Day 4

8 min ☐ Completed

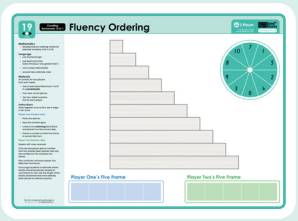
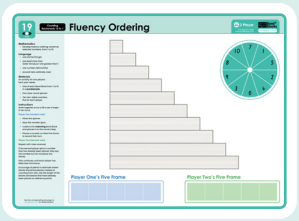
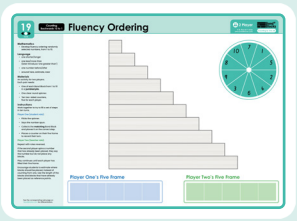
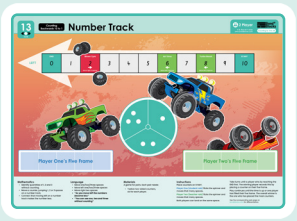


Choosing Activities 29 to 32

or

EP 9) Building Steps: Counting Forwards

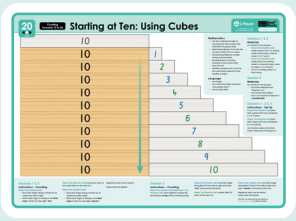
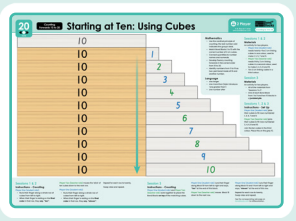
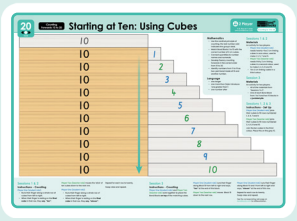
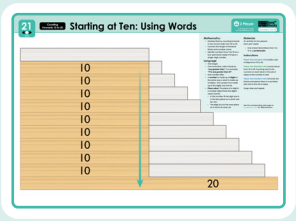
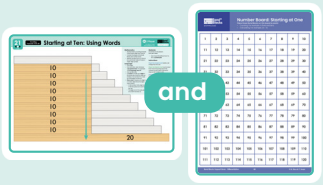
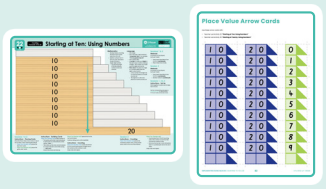
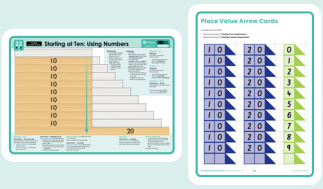
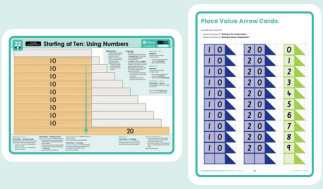
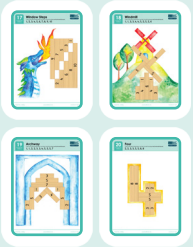
© N. Rice & P. Swan

Week	Activity			
9	**Day 1** Fluency 8 min ☐ Completed	**Day 2** 8 min ☐ Completed	**Day 3** 8 min ☐ Completed	**Day 4** 8 min ☐ Completed
	 **19) Fluency Ordering** • Watch video. • Complete activity once.	 **19) Fluency Ordering** • Repeat activity.	 **19) Fluency Ordering** • Repeat activity.	 **13) Number Track** • Complete activity.

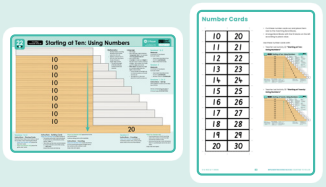
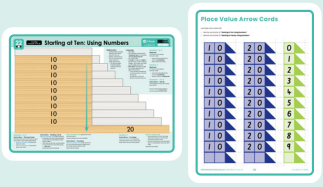
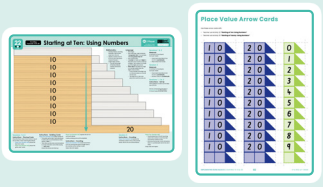
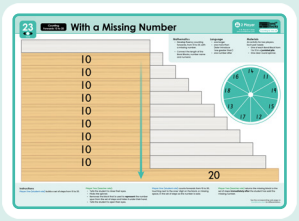
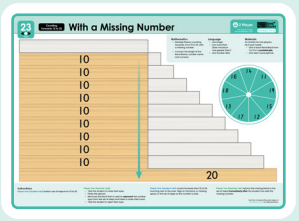
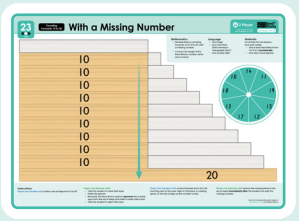
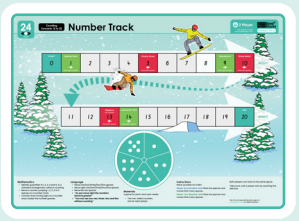
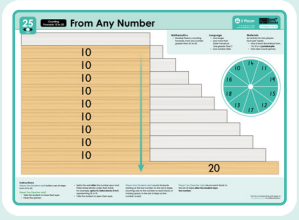
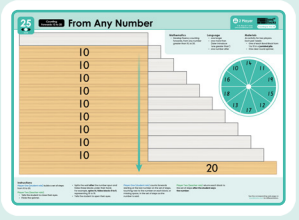
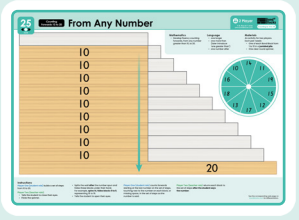
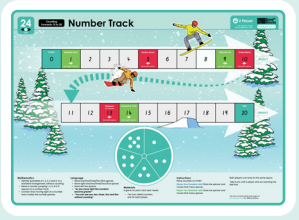
Version 9

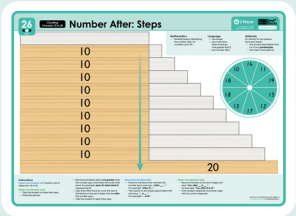
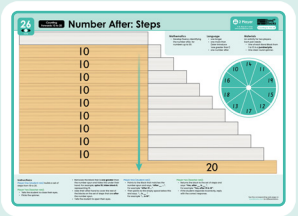
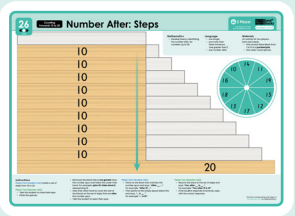
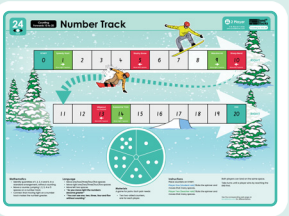
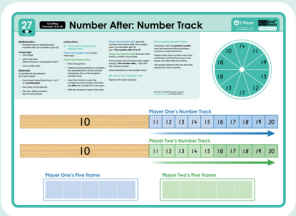
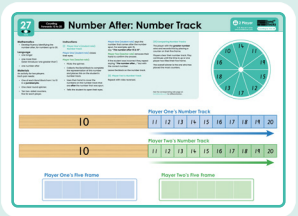
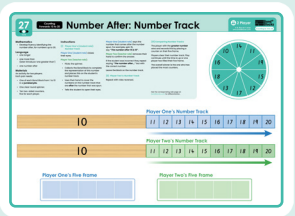
Counting to 10 & 20 | Foundation

Term 3 - Counting Forwards 10 to 20

Week	Activity			
1	**Day 1** Understanding 40 min ☐ Completed	**Day 2** 40 min ☐ Completed	**Day 3** 40 min ☐ Completed	**Day 4** 8 min ☐ Completed
	 **20) Starting at Ten: Using Cubes** **Session 1: Cubes Only** • Watch Session 1 video. • Complete "Instructions - Set Up" and "Instructions - Counting".	 **20) Starting at Ten: Using Cubes** **Session 2: Cubes Only** • Watch Session 2 video. • Repeat "Instructions - Set Up" and "Instructions - Counting".	 **20) Starting at Ten: Using Cubes** **Session 3: Cubes and Bond Blocks** • Watch Session 3 video. • Complete "Instructions - Set Up" and "Instructions - Counting".	 **EP 10) Building Steps: Counting Backwards**
2	**Day 1** Understanding 40 min ☐ Completed	**Day 2** 40 min ☐ Completed	**Day 3** 40 min ☐ Completed	**Day 4** 8 min ☐ Completed
	 **21) Starting at Ten: Using Words** **Session 1: ◆ Core** • Watch video. • Complete as instructed.	 **21) Starting at Ten: Using Words** **Session 2: Saying 'teen' and 'ty'** • Watch video. • Complete as instructed.	 **21) Starting at Ten: Using Words** **Session 3: Listening 'teen' and 'ty'** • Watch video. • Complete as instructed.	 **EP 11) Building Mountain Steps**
3	**Day 1** Understanding 40 min ☐ Completed	**Day 2** 40 min ☐ Completed	**Day 3** 40 min ☐ Completed	**Day 4** 8 min ☐ Completed
	 **22) Starting at Ten: Using Numbers** **Session 1:** **Place Value Arrow Cards** **Say "Tens *then* ones"** • Watch video. • Complete as instructed.	 **22) Starting at Ten: Using Numbers** ◆ **'a little easier':** **Place Value Arrow Cards** **Say "Tens *and* ones"** • Watch video. • Complete as instructed.	 **22) Starting at Ten: Using Numbers** **Session 2:** **Place Value Arrow Cards** **Say "Tens *add* ones"** • Watch video. • Complete as instructed.	 **Building Activities 17 to 20** **Differentiation Option** • Building Activities 1 to 16 are easier and are an option for differentiation.

© N. Rice & P. Swan

Week	Activity			
4	**Day 1** Understanding 40 min ☐ Completed  **22) Starting at Ten: Using Numbers** **Session 3: Number Cards** **Say "*Number Names*"** • Watch video. • Complete as instructed.	**Day 2** 40 min ☐ Completed  **22) Starting at Ten: Using Numbers** **'a little harder':** **Place Value Arrow Cards** **Write Numbers** • Watch 'a little harder' Differentiation video. • Complete as instructed.	**Day 3** 40 min ☐ Completed  **22) Starting at Ten: Using Numbers** **'a little harder':** **Place Value Arrow Cards** **Write Numbers** • Repeat activity.	**Day 4** 8 min ☐ Completed  **Building Activities 21 to 24**
5	**Day 1** Fluency 8 min ☐ Completed  **23) With a Missing Number** • Watch video. • Complete activity once.	**Day 2** 8 min ☐ Completed  **23) With a Missing Number** **Spin Twice** • Watch 'a little harder' Differentiation video. • Complete as instructed.	**Day 3** 8 min ☐ Completed  **23) With a Missing Number** **Consecutive Blocks** • Watch 'a little harder' Differentiation video. • Complete as instructed.	**Day 4** 8 min ☐ Completed  **24) Number Track** • Watch video. • Complete activity once.
6	**Day 1** Fluency 8 min ☐ Completed  **25) From Any Number** • Watch video. • Complete activity once.	**Day 2** 8 min ☐ Completed  **25) From Any Number** • Repeat activity.	**Day 3** 8 min ☐ Completed  **25) From Any Number** **Cover Remaining Blocks** • Watch 'a little harder' Differentiation video. • Complete as instructed.	**Day 4** 8 min ☐ Completed  **24) Number Track** • Complete activity.

Week	Activity			
7	**Day 1** Understanding 8 min ☐ Completed	**Day 2** 8 min ☐ Completed	**Day 3** 8 min ☐ Completed	**Day 4** 8 min ☐ Completed
	 **26) Number After: Steps** • Watch video. • Complete activity once.	 **26) Number After: Steps** **Place Block Spun** • Watch 'a little harder' Differentiation video. • Complete as instructed.	 **26) Number After: Steps** **Number Between** • Watch 'a little harder' Differentiation video. • Complete as instructed.	 **24) Number Track** • Complete activity.
8	**Day 1** Fluency 8 min ☐ Completed	**Day 2** 8 min ☐ Completed	**Day 3** 8 min ☐ Completed	**Day 4** 8 min ☐ Completed
	 **27) Number After: Number Track** • Watch video. • Complete activity once.	 **27) Number After: Number Track** • Repeat activity. Note 'a little harder' and 'a little easier' differentiation options.	 **27) Number After: Number Track** • Repeat activity.	 **Building Activities 25 to 28** or **EP 12) How Many Cubes? Four or more.**

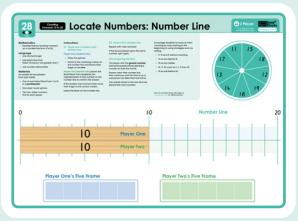
© N. Rice & P. Swan

Week	Activity

9

Day 1 — Understanding

40 min ☐ Completed



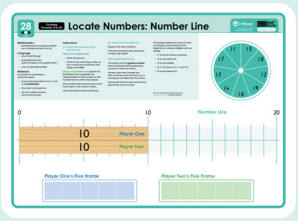
28) Locate Numbers: Number Line

Locate 11, 12, 13, 15, 19

- Watch video.
- Complete activity using the 'a little easier' differentiation instructions "Locate 11, 12, 13, 15, 19".
- This is hard. Working with number lines lays the foundation for next year.

Day 2

40 min ☐ Completed



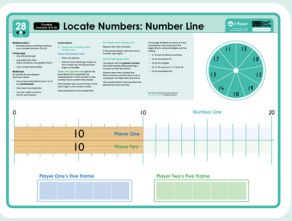
28) Locate Numbers: Number Line

Locate 14, 16, 17, 18

- Watch video.
- Complete activity using the 'a little easier' differentiation instructions "Locate 14, 16, 17, 18".

Day 3

40 min ☐ Completed



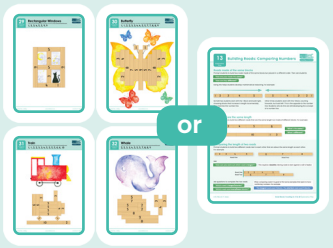
28) Locate Numbers: Number Line

Core

- Watch video.
- Complete activity **without** 'a little easier' differentiation as appropriate.

Day 4

8 min ☐ Completed



Building Activities 29 to 32

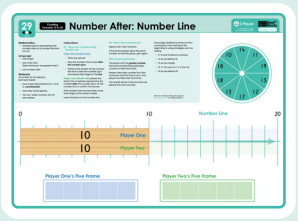
or

EP 13) Building Roads: Comparing Numbers

10

Day 1 — Understanding

40 min ☐ Completed



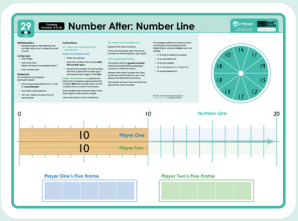
29) Number After: Number Line

Locate 11, 12, 13, 15, 19

- Watch video.
- Complete activity using the **a little easier** differentiation instructions "Locate 1, 2, 3, 5, 9".
- This is hard. Working with number lines lays the foundation for next year.

Day 2

40 min ☐ Completed



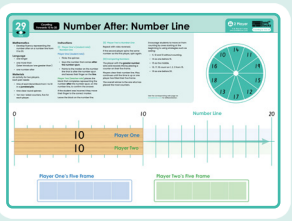
29) Number After: Number Line

Locate 14, 16, 17, 18

- Watch video.
- Complete activity using the **a little easier** differentiation instructions "Locate 14, 16, 17, 18".

Day 3

40 min ☐ Completed



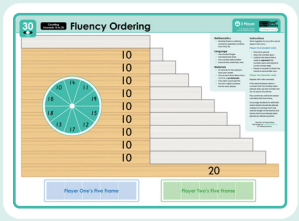
29) Number After: Number Line

Core

- Watch video.
- Complete activity **without** 'a little easier' differentiation as appropriate.

Day 4

8 min ☐ Completed



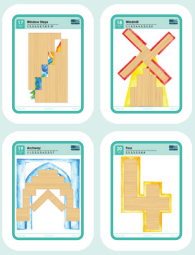
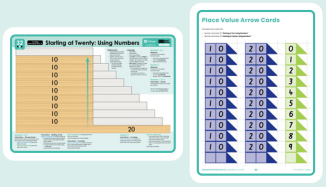
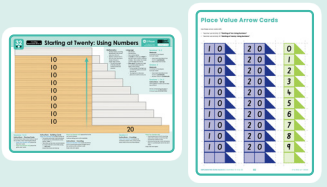
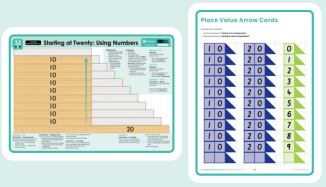
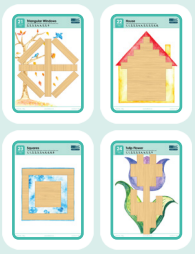
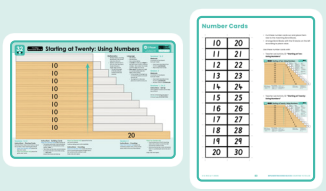
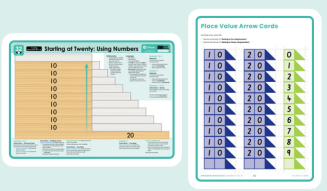
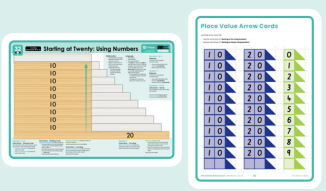
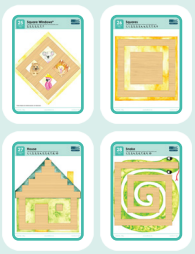
30) Fluency Ordering

- This board appears at the end of each chapter and is good for review

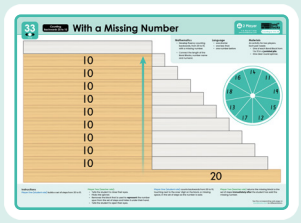
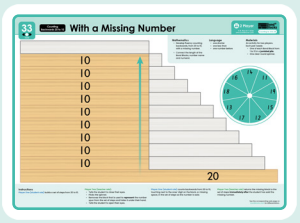
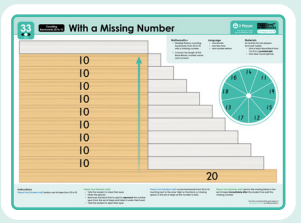
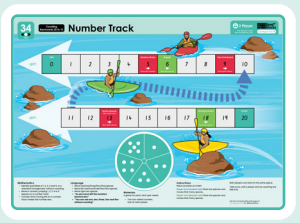
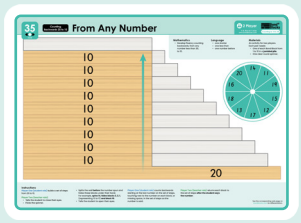
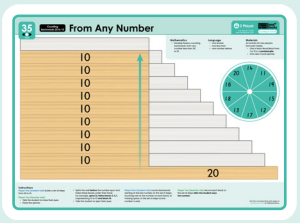
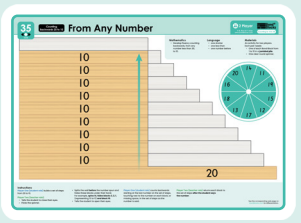
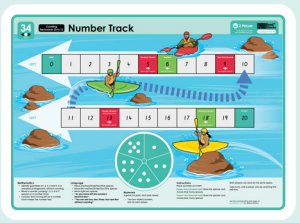
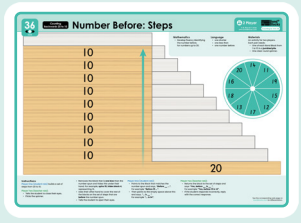
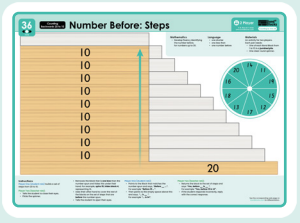
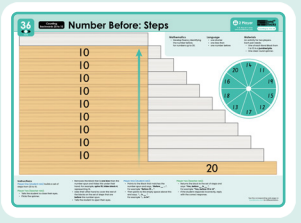
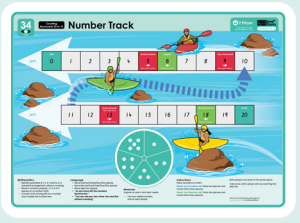
Version 9

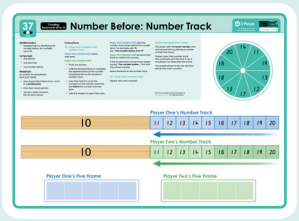
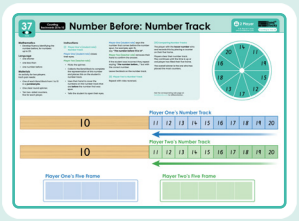
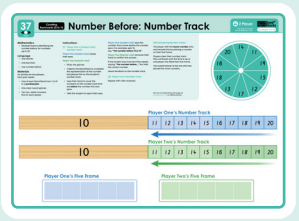
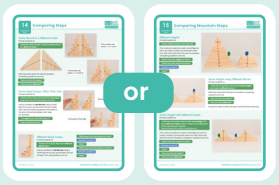
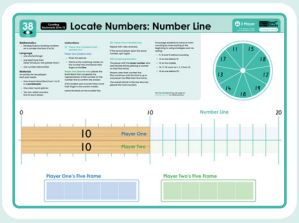
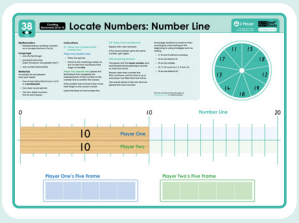
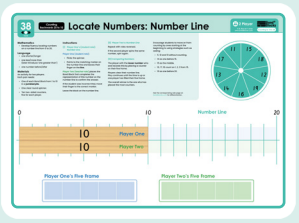
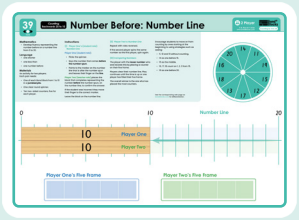
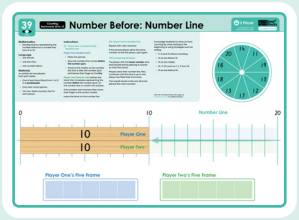
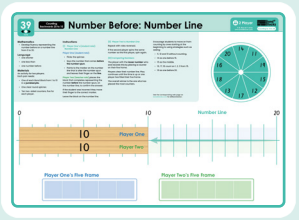
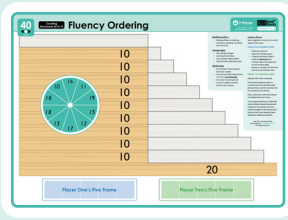
Counting to 10 & 20 | Foundation

Term 4 - Counting Backwards 20 to 10

Week	Activity
1	**Day 1** Understanding — 40 min ☐ Completed  31) Starting at Twenty: Using Words **Session 1: Saying 'teen' and 'ty'** • Watch video. • Complete as instructed.
	Day 2 — 40 min ☐ Completed  31) Starting at Twenty: Using Words **Session 2: Understanding 'teen' and 'ty'** • Watch video. • Complete as instructed.
	Day 3 — 40 min ☐ Completed  31) Starting at Twenty: Using Words **Session 3: Listening 'teen' and 'ty'** • Watch video. • Complete as instructed.
	Day 4 — 8 min ☐ Completed  Filling Activities 17 to 20 **Differentiation Options** • Filling Activities 1 to 16 are easier. • Filling Activities 28 to 32 are harder.
2	**Day 1** Understanding — 40 min ☐ Completed  32) Starting at Twenty: Using Numbers **Session 1: Place Value Arrow Cards** **Say "Tens *then* ones"** • Watch video. • Complete as instructed.
	Day 2 — 40 min ☐ Completed  32) Starting at Twenty: Using Numbers **'a little easier': Place Value Arrow Cards** **Say "Tens *and* ones"** • Watch video. • Complete as instructed.
	Day 3 — 40 min ☐ Completed  32) Starting at Twenty: Using Numbers **Session 2: Place Value Arrow Cards** **Say "Tens *add* ones"** • Watch video. • Complete as instructed.
	Day 4 — 8 min ☐ Completed  Filling Activities 21 to 24
3	**Day 1** Understanding — 40 min ☐ Completed  32) Starting at Twenty: Using Numbers **Session 3: Number Cards** **Say "*Number Names*"** • Watch video. • Complete as instructed.
	Day 2 — 40 min ☐ Completed  32) Starting at Twenty: Using Numbers **'a little harder': Place Value Arrow Cards** **Write Numbers** • Watch 'a little harder' Differentiation video. • Complete as instructed.
	Day 3 — 40 min ☐ Completed  32) Starting at Twenty: Using Numbers **'a little harder': Place Value Arrow Cards** **Write Numbers** • Repeat activity.
	Day 4 — 8 min ☐ Completed  Building Activities 25 to 28

© N. Rice & P. Swan

Week	Activity			
4	**Day 1** Fluency 8 min ☐ Completed  **33) With a Missing Number** • Watch video. • Complete activity once.	**Day 2** 8 min ☐ Completed  **33) With a Missing Number** **Spin Twice** • Watch 'a little harder' Differentiation video. • Complete as instructed.	**Day 3** 8 min ☐ Completed  **33) With a Missing Number** **Consecutive Blocks** • Watch 'a little harder' Differentiation video. • Complete as instructed.	**Day 4** 8 min ☐ Completed  **34) Number Track** • Watch video. • Complete activity once.
5	**Day 1** Fluency 8 min ☐ Completed  **35) From Any Number** • Watch video. • Complete activity once.	**Day 2** 8 min ☐ Completed  **35) From Any Number** • Repeat activity.	**Day 3** 8 min ☐ Completed  **35) From Any Number** **Cover Remaining Blocks** • Watch 'a little harder' Differentiation video. • Complete as instructed.	**Day 4** 8 min ☐ Completed  **34) Number Track** • Complete activity.
6	**Day 1** Fluency 8 min ☐ Completed  **36) Number Before: Steps** • Watch video. • Complete activity once.	**Day 2** 8 min ☐ Completed  **36) Number Before: Steps** **Place Block Spun** • Watch 'a little harder' Differentiation video. • Complete as instructed.	**Day 3** 8 min ☐ Completed  **36) Number Before: Steps** **Number Between** • Watch 'a little harder' Differentiation video. • Complete as instructed.	**Day 4** 8 min ☐ Completed  **34) Number Track** • Complete activity.

Week	Activity			
7	**Day 1** Fluency 8 min ☐ Completed  **37) Number Before: Number Track** • Watch video. • Complete activity once.	**Day 2** 8 min ☐ Completed  **37) Number Before: Number Track** • Repeat activity. Note 'a little harder' and 'a little easier' differentiation options.	**Day 3** 8 min ☐ Completed  **37) Number Before: Number Track** • Repeat activity.	**Day 4** 8 min ☐ Completed  **EP 14) Comparing Steps** or **EP 15) Comparing Mountain Steps**
8	**Day 1** Understanding 40 min ☐ Completed  **38) Locate Numbers: Number Line** **Locate 11, 12, 13, 15, 19** • Watch video. • Complete activity using the 'a little easier' differentiation instructions "Locate 1, 2, 3, 5, 9". • This is hard. Working with number lines lays the foundation for next year.	**Day 2** 40 min ☐ Completed  **38) Locate Numbers: Number Line** **Locate 14, 16, 17, 18** • Watch video. • Complete activity using the 'a little easier' differentiation instructions "Locate 4, 6, 7, 8".	**Day 3** 40 min ☐ Completed  **38) Locate Numbers: Number Line** **Core** • Watch video. • Complete activity **without** 'a little easier' differentiation as appropriate.	**Day 4** 8 min ☐ Completed  **EP 16) Comparing Towers** or **EP 17) Building Walls**
9	**Day 1** Understanding 40 min ☐ Completed  **39) Number Before: Number Line** **Locate 11, 12, 13, 15, 19** • Watch video. • Complete activity using the 'a little easier' differentiation instructions "Locate 1, 2, 3, 5, 9". • This is hard. Working with number lines lays the foundation for next year.	**Day 2** 40 min ☐ Completed  **39) Number Before: Number Line** **Locate 14, 16, 17, 18** • Watch video. • Complete activity using the 'a little easier' differentiation instructions "Locate 4, 6, 7, 8".	**Day 3** 40 min ☐ Completed  **39) Number Before: Number Line** **Core** • Watch video. • Complete activity **without** 'a little easier' differentiation as appropriate.	**Day 4** 8 min ☐ Completed  **40) Fluency Ordering** • This board appears at the end of each chapter and is good for review

© N. Rice & P. Swan