



Tier One Implementation Planner: Foundation WA / TAS





Follows on from Pre-Foundation Tier One

This planner is specifically designed for schools who have previously used the Bond Blocks Counting to 10 & 20 in **Pre-Foundation** and is a continuation of that planner.







A Tier One Implementation Planner: Foundation (WA/TAS)

Term 1 - Counting Forwards 1 to 10

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9	9 weeks	Teacher Led Activities	Exploratory Play Activities	Guided Play Activities	
V	weeks 1 - 6	• 2 to 7 Fluency: Warm Up			
V	weeks 7 - 8	• 8 & 9 Understanding: Lesson Body	• 1 to 5	Matching Activities 17 to 32	
V	week 9	• 10 Fluency: Warm Up			

Term 2 - Counting Backwards 10 to 1

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

Term 3 - Counting Forwards 10 to 20

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10 weeks	Teacher Led Activities	Exploratory Play Activities	Guided Play Activities	
weeks 1 - 4	• 20 to 22 Understanding: Lesson Body			
weeks 5 - 8	• 23 to 27 Fluency: Warm Up	• 12 and 13	Building Activities 17 to 32	
weeks 9 - 10	• 28 & 29 Understanding: Lesson Body			

Term 4 - Counting Backwards 20 to 10

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

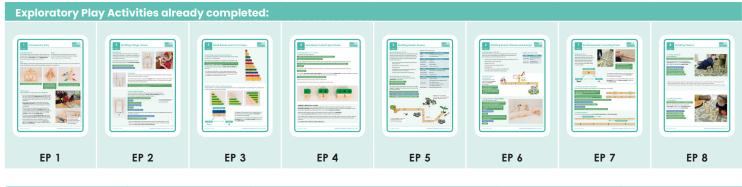
Understanding Boards

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 (2). These have a different video for every session.

Previously Completed Activities

This planner is a continuation of the "Bond Blocks Counting to 10 Pre-Foundation" planner. The following activities have already been completed.





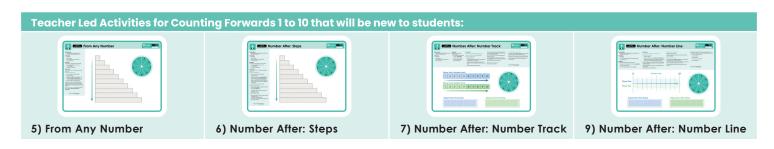


Some of these activities are repeated at the beginning of Foundation as a review. Repeating provides opportunities to develop whole class instruction routines. These activities are identified in the planner with a yellow star .

Please move through these more quickly than the planner states if students are fluent.

Foundation Only Teacher Led Activities

Counting to 10: Pre-Foundation only covers the counting forwards to ten sequence starting at one. It does not cover counting to 10 from any number. For this reason the following "Counting Forwards to 10" activities will be new to the students.



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.

Stable Order

Number names are said in the conventional order.

One-to-One Correspondence

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

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

Cardinal Value

The last number said indicated the total for the group.

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	Counting Counting Forwards 1 to 10 Forwards 2	Forwards 1 to 10
Term 2	Forwards ten to twenty Forwards beyond ² twenty	Chepter 2 Counting Education 10 to 1	Backwards 10 to 1
Term 3	Backwards twenty to ten	Chapter 3 Counting County Elock Counting Forwards 10 to 20 20 to 20 t	Forwards 10 to 20
Term 4	Review backwards from ten Forwards beyond twenty	Chopping Block Counting Block Counti	Backwards 20 to 10

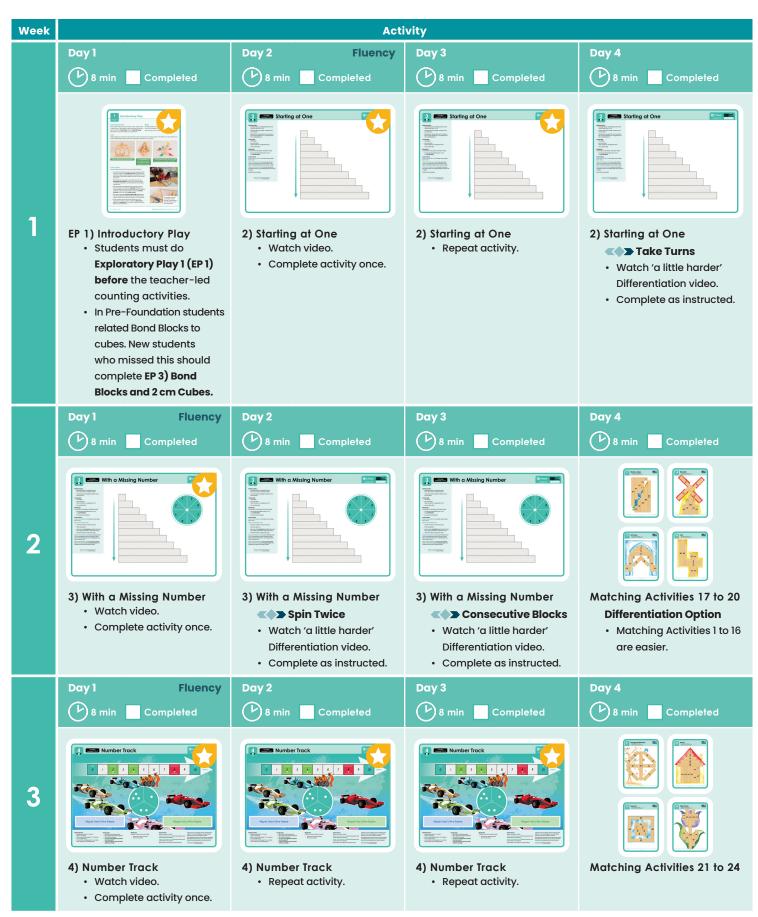
¹Zero can be used when Bond Blocks are arranged in a set of steps by pointing to the space before the 1 block.

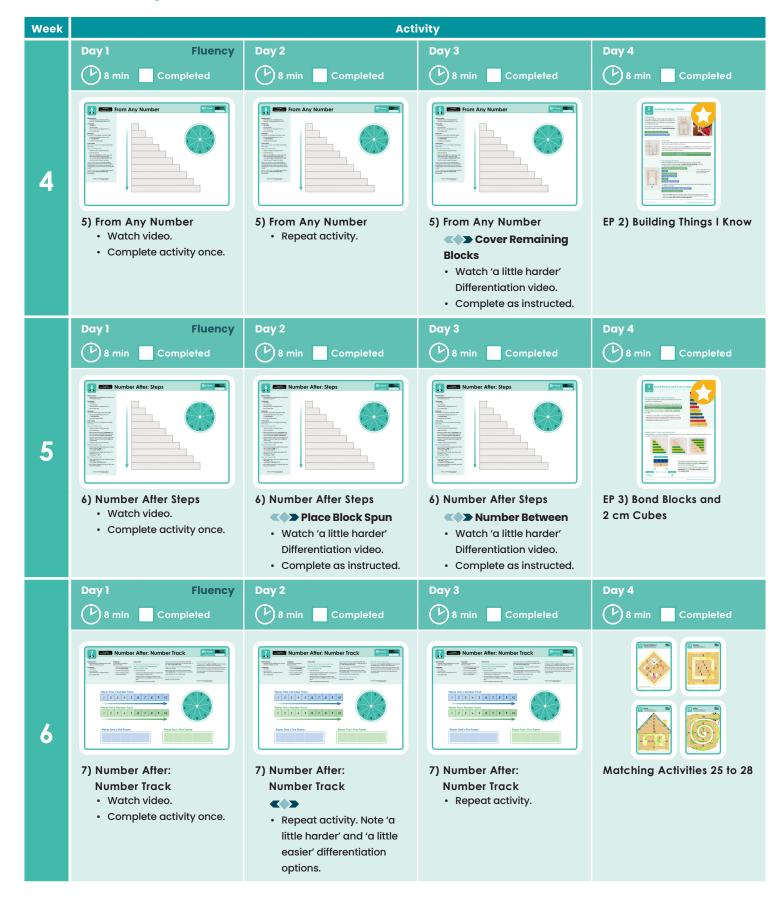
There is no Bond Block for zero, because zero means no blocks.

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.

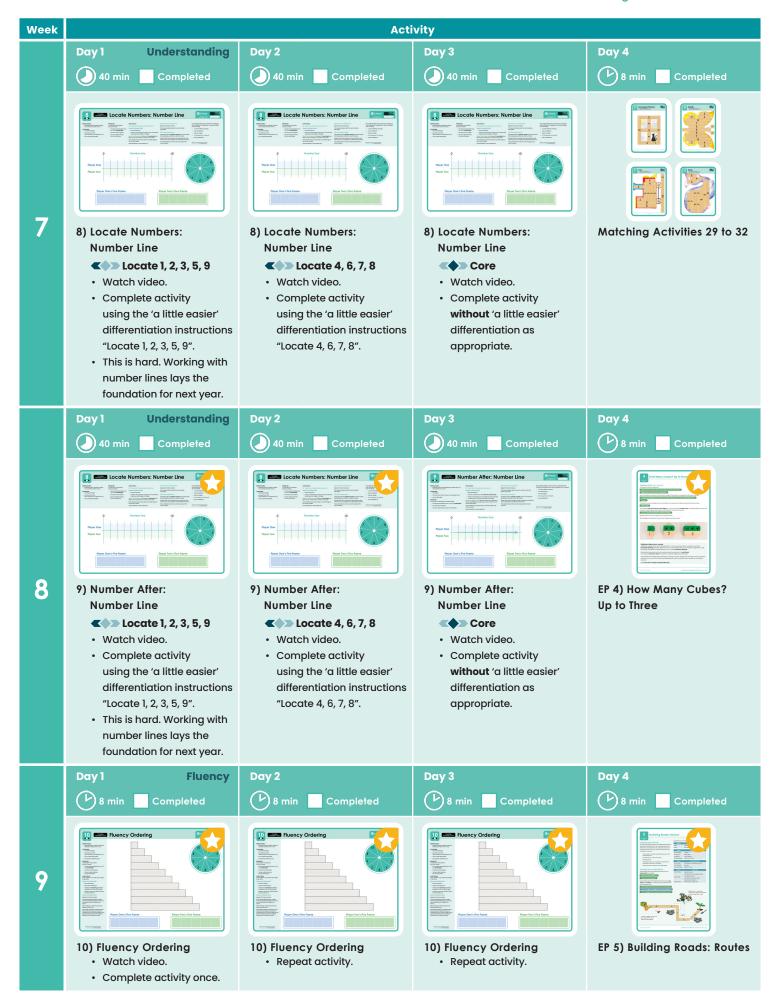


Term 1 - Counting Forwards 1 to 10



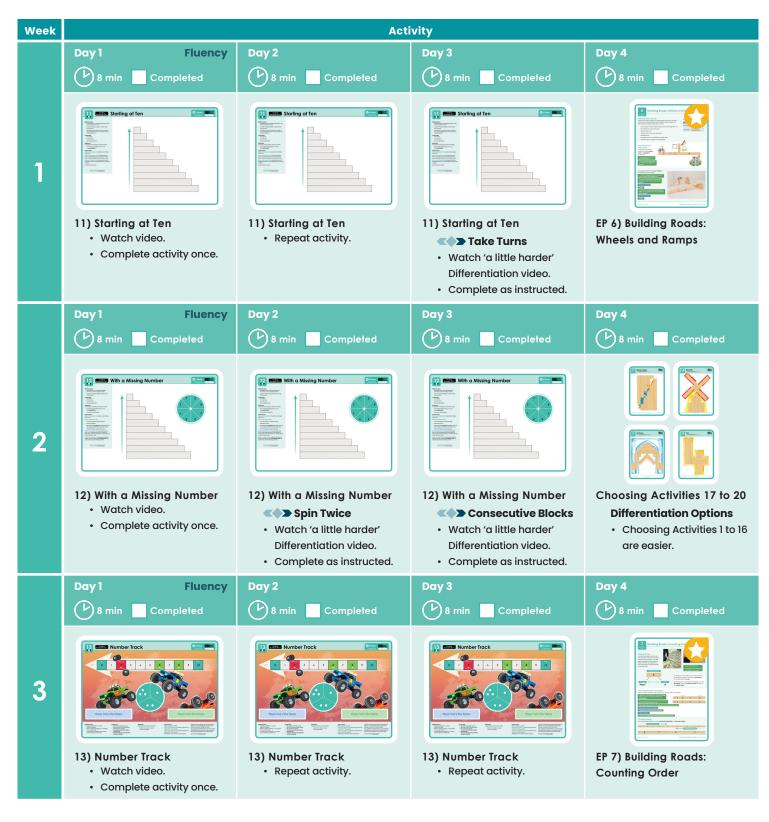




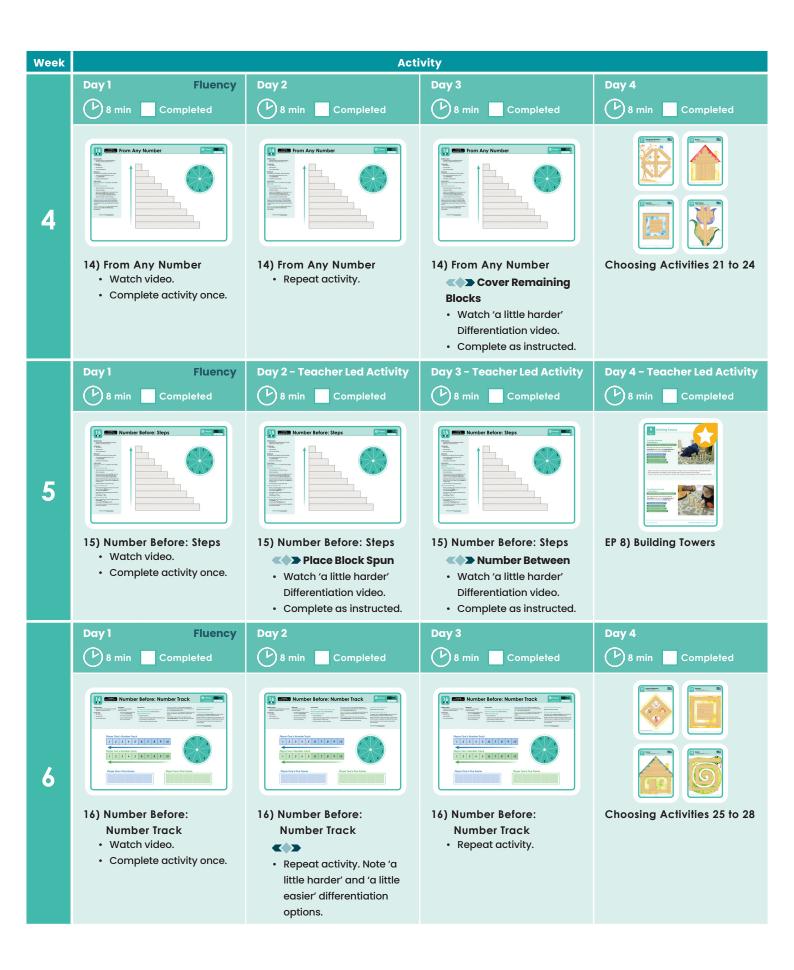




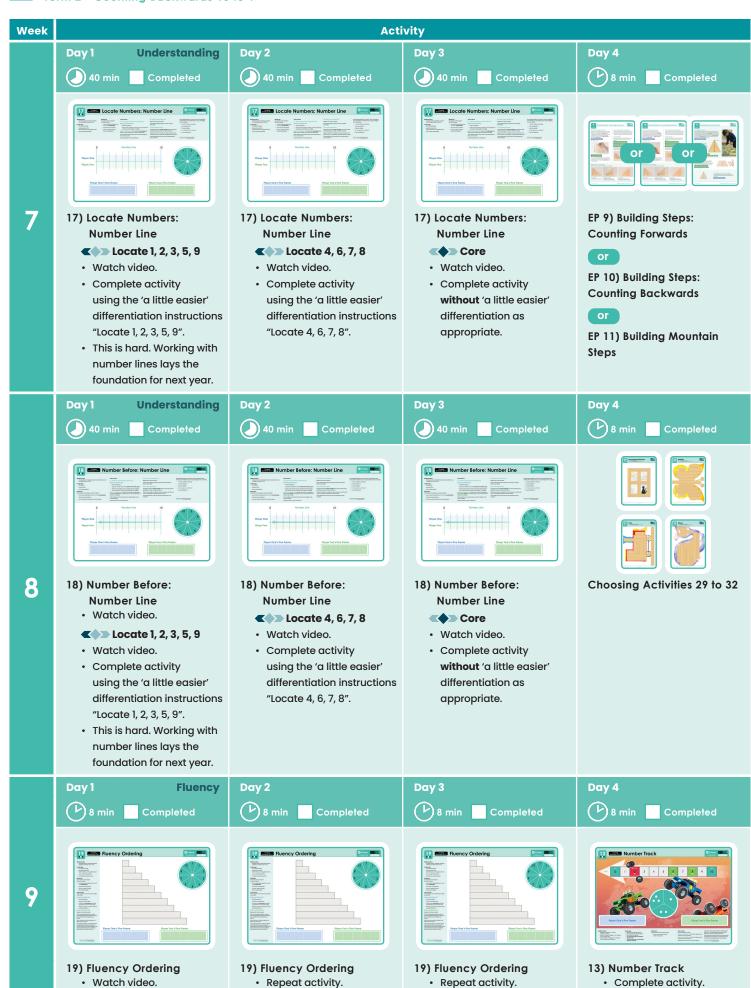
Term 2 - Counting Backwards 10 to 1









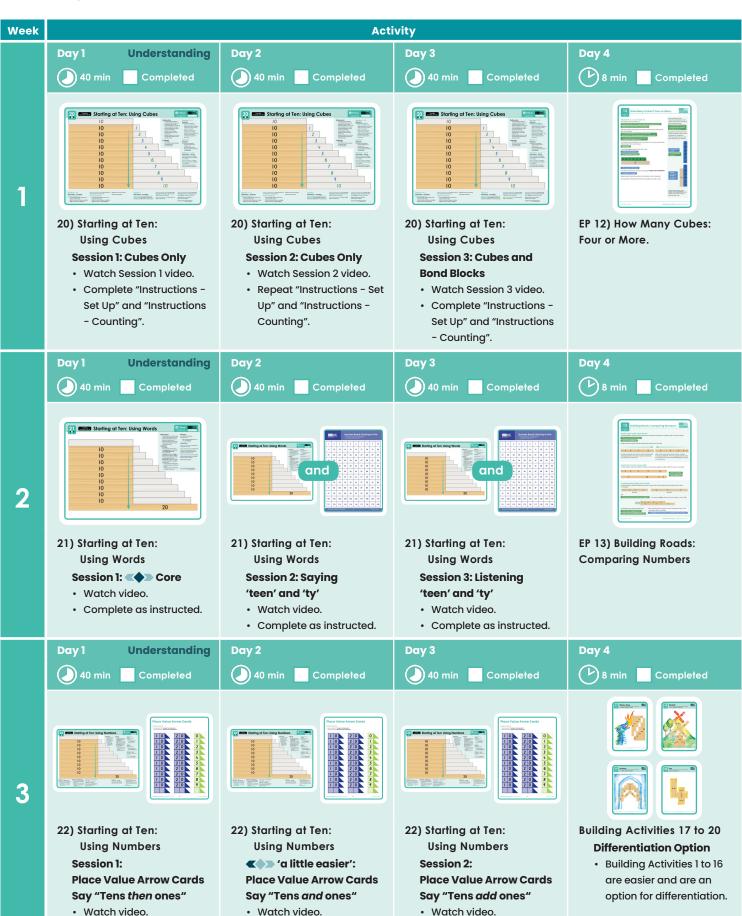


· Complete activity once.





Term 3 - Counting Forwards 10 to 20

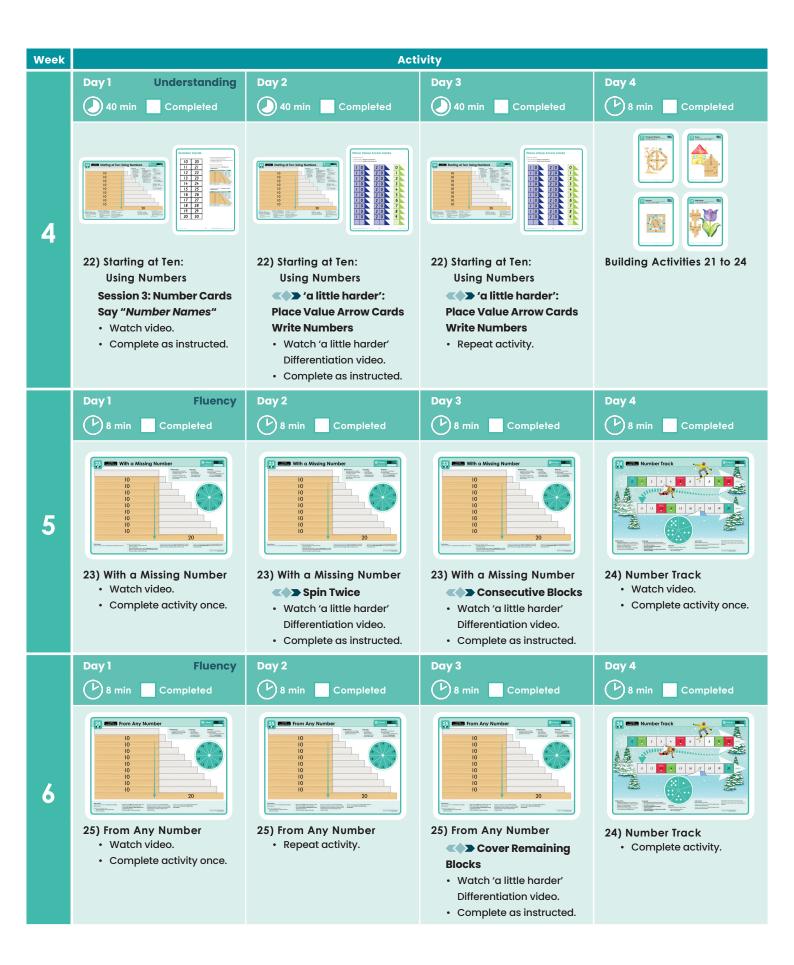


· Complete as instructed.

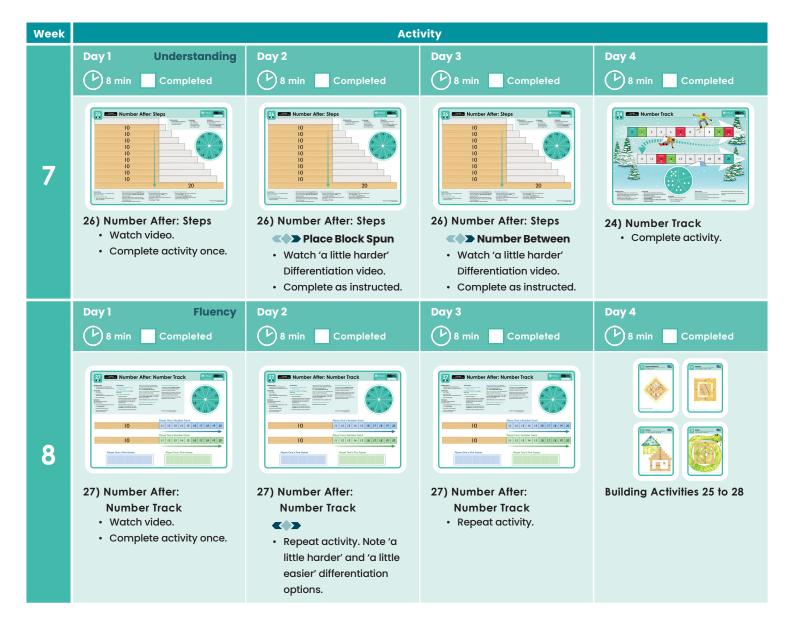
· Complete as instructed.

· Complete as instructed.

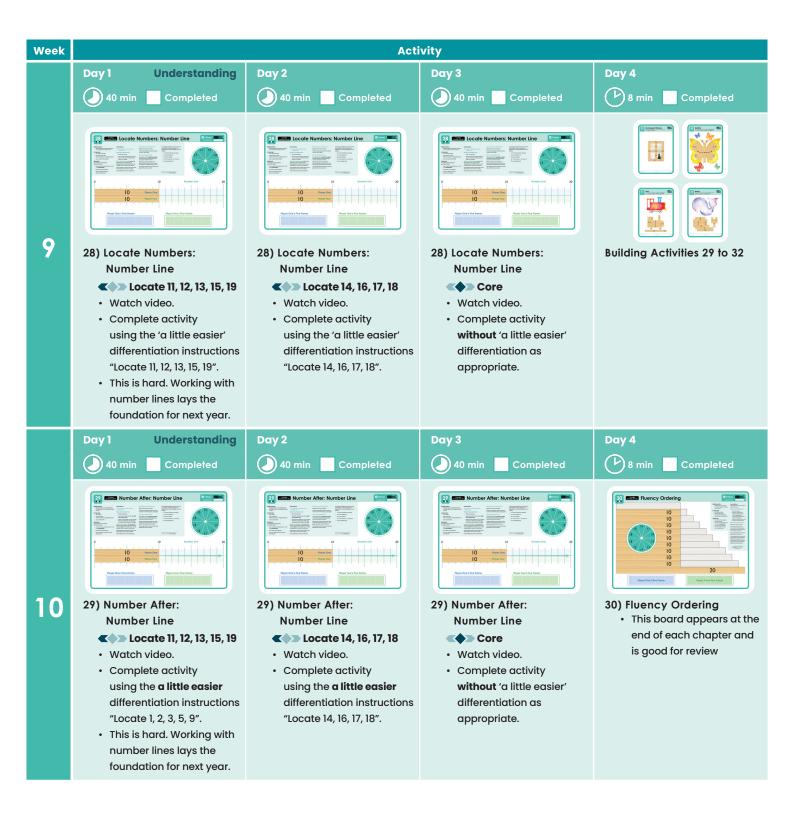






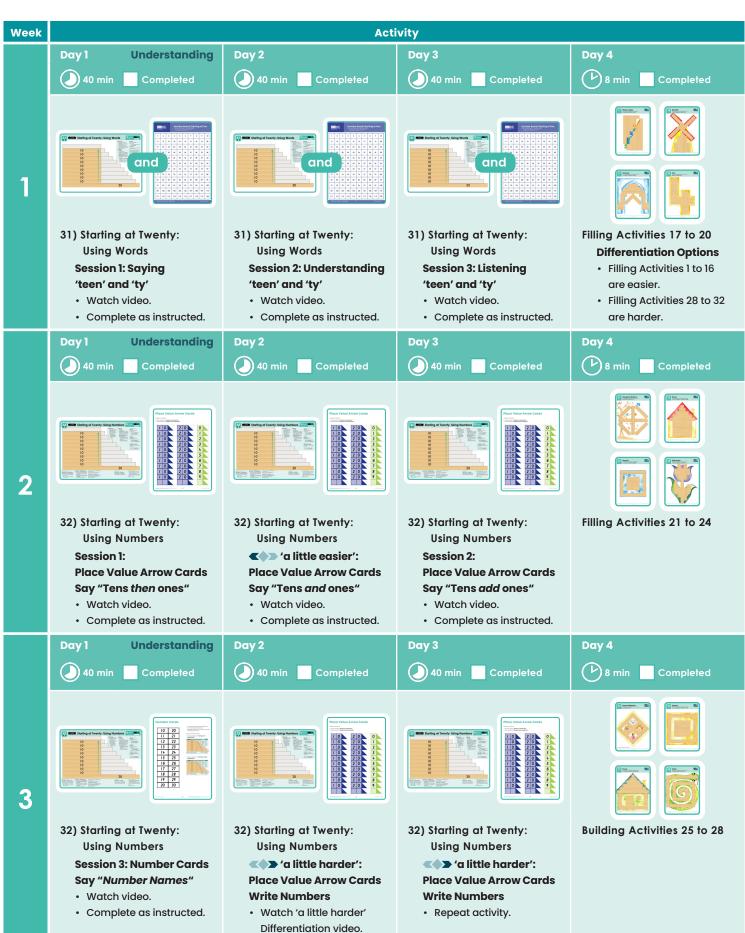






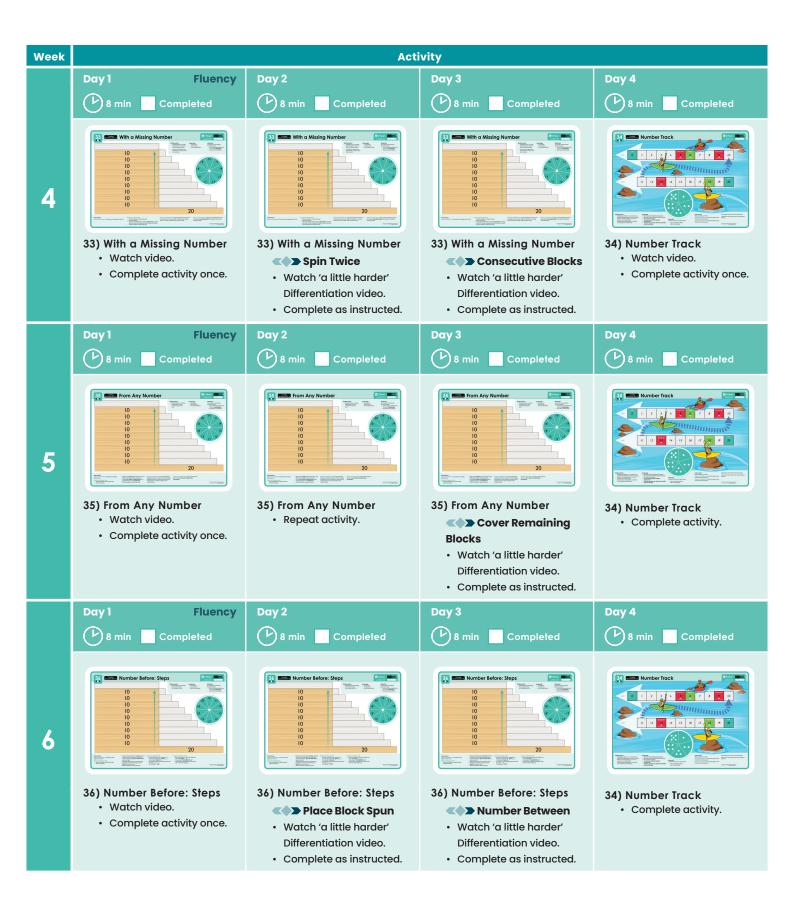


Term 4 - Counting Backwards 20 to 10

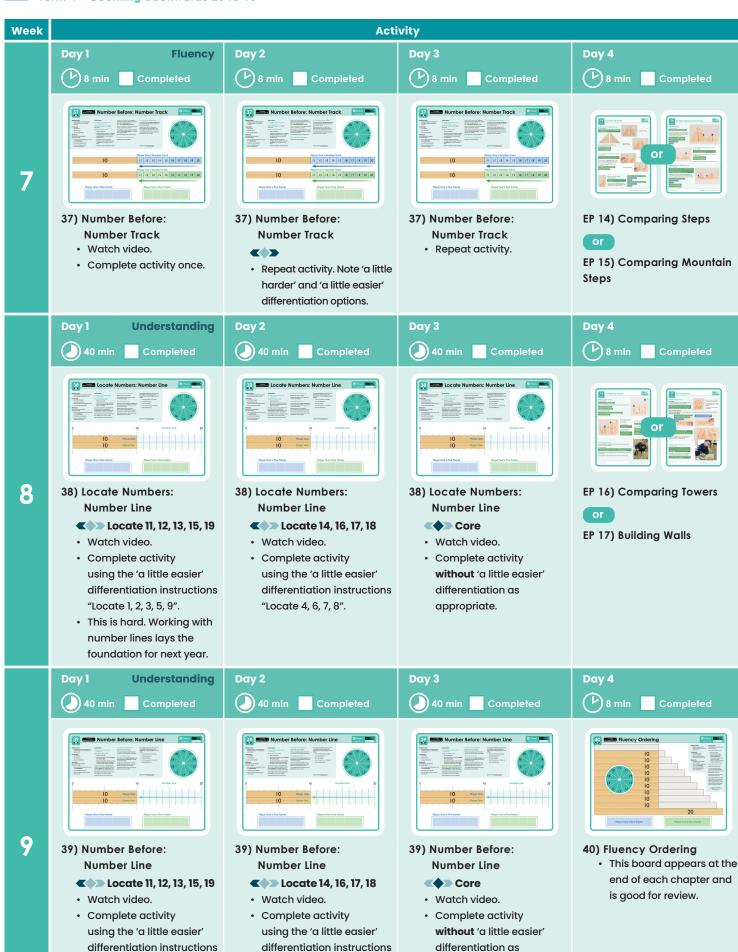


· Complete as instructed.









appropriate.

"Locate 4, 6, 7, 8".

"Locate 1, 2, 3, 5, 9".

 This is hard. Working with number lines lays the foundation for next year.