



Early Years

Termly Plans

Academic Year 2023 - 2024

Mathematics
Learning for
number

Manageable
Steps

Spatial Reasoning
Patterns
and
Connections
Suggestions

Introduction



This termly plan has been carefully designed to support you to plan for successful learning of the year's maths from the Statutory Framework for the Early Years Foundation Stage.

The green columns provide the number element of the maths curriculum split into units and broken down further into manageable steps:

Manageable to teach and manageable to learn.

As part of the CanDoMaths Early Years membership there is a Maths Mastery Matrix with further support for teaching each of the Manageable Steps. There are also 'What it is not' animations to provoke discussion about possible misconceptions. There are also suggestions for continuous provision activities linked to a picture book.

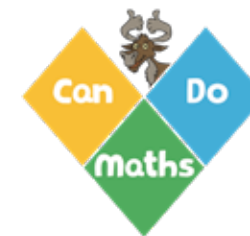
There are 'Extra Problem Solving' sessions included to provide some flexibility within the curriculum for you to respond to your learners.

The yellow column suggests you include daily counting, chanting, singing as an ongoing part of the children's maths experience. Also provide lots of opportunities for noticing and subitising. The CanDo NumberKit videos are ideal for this. Ordinality is a focus in term 5 and numbers beyond ten are a focus in term 6. There are some short animations you may want to use with your class.

The blue columns provide overview suggestions for the Spatial Reasoning and Patterns and Relationships parts of the curriculum, including learning for shape, space and measures. The timing of the plan is just a suggestion for you to make decisions for your own class.

The bright pink number check column suggests a number to prioritise throughout the week to secure and revisit, to plan for opportunities to really hit a number or a fact hard.

Early Years Term 1



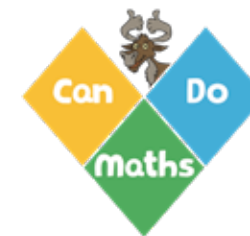
Term 1		On going	Number Manageable Steps to support learning. Use assessment to adapt as required		Numerals Check	Developing Spatial Reasoning Please note there are no resources provided with the CanDoMaths Club for this strand	
	F	Counting stories and rhymes, choral counting, group counting including beyond 10 Exploring patterns: What is the same and what is different?	Counting				
04/09/2023	M						
	T						
	W						
	T						
11/09/2023	F		Counting 5 Unit 1	The counting sequence stays the same.		5	Awareness of 3-dimensional space such as physical activities like crawling, tunnelling, climbing, hiding and building dens
	M			The last number counted represents how many are in the set.			
	T			As you count, the quantity increases.			
	W			Each object in the set is counted once and once only.			
	F			Extra Problem Solving			
18/09/2023	M		Counting 5 Unit 1	Count things that can be seen at a distance, not touched or moved.		5	Awareness of position exploring activities using spatial words such as 'above' 'below' 'inside' 'outside' and 'besides' as children carry out activities.
	T			Count things that we see, but then they are not visible.			
	W			Count things that happen or we hear			
	T			Count items onto a number track			
	F			Extra Problem Solving			
25/09/2023	M		Counting 5 Unit 1	The count of objects can begin with any object in the set and the total will remain the same		5	Awareness of 3-dimensional world such as building with building blocks, using shape-puzzles or small world toys.
	T			The count for a set of objects remains the same even if the objects are moved around, as long as no objects are added or removed.			
	W			The count for a set of objects gives the quantity regardless of the size or type of objects.			
	T			Subitise 5			
	F			Extra Problem Solving			
02/10/2023	M		Counting 6 Unit 2	The last number counted represents how many are in the set.		6	Awareness of 3-dimensional world such as exploring outside spaces and learn about making journeys and how to describe them.
	T			Each object in the set is counted once and once only.			
	W			Count things that we see, but then they are not visible.			
	T			Count things that happen or we hear			
	F			Extra Problem Solving			
09/10/2023	M		Counting 6 Unit 2	Count items onto a number track		6	Awareness of 3D shapes by: talking about how 3D shapes are the same or different, using mathematical terms to describe shapes, such as flat, straight, curved, 'it is like a...' building with 3D shapes
	T			The count of objects can begin with any object in the set and the total will remain the same			
	W			The count for a set of objects remains the same even if the objects are moved around, as long as no objects are added or removed.			
	T	The count for a set of objects gives the quantity regardless of the size or type of objects.					
	F	Extra Problem Solving					
16/10/2023	M	Counting 7 Unit 3	The last number counted represents how many are in the set.		7	matching some shapes by recognising similarities and orientation finding 3D shapes in the environment sorting everyday objects according to their shape	
	T		Each object in the set is counted once and once only.				
	W		Count things that we see, but then they are not visible.				
	T		Count things that happen or we hear				
	F		Extra Problem Solving				
Half Term							

Early Years Term 2



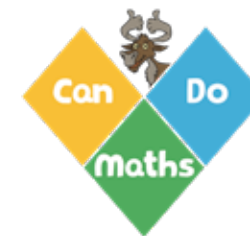
Term 2.		Ongoing	Number			Fact Check	Developing Spatial Reasoning
			Manageable Steps to support learning. Use assessment to adapt as required				please note there are no resources provided with the CanDoMaths Club for this strand
30/10/2023	M	Counting stories and rhymes, choral counting, group counting including beyond 10 Exploring patterns: What is the same and what is different?	Counting 7 Unit 3	Count items onto a number track		7	Awareness of size exploring when size changes such as what happens when you stretch elastic
	T			The count of objects can begin with any object in the set and the total will remain the same			
	W			The count for a set of objects remains the same even if the objects are moved around, as long as no objects are added or removed.			
	T			The count for a set of objects gives the quantity regardless of the size or type of objects.			
06/11/2023	F		Counting 8 Unit 4	Extra Problem Solving		8	Awareness of length such as exploring how long things are
	M			The last number counted represents how many are in the set.			
	T			Each object in the set is counted once and once only.			
	W			Count things that we see, but then they are not visible.			
13/11/2023	T		Counting 8 Unit 4	Count things that happen or we hear		8	Awareness of length such as exploring objects using the language of longer than and shorter than
	F			Extra Problem Solving			
	M			Count items onto a number track			
	T			The count of objects can begin with any object in the set and the total will remain the same			
20/11/2023	W		Counting 9 Unit 5	The count for a set of objects remains the same even if the objects are moved around, as long as no objects are added or removed.		9	Awareness of weight such as exploring how heavy things are
	T			The count for a set of objects gives the quantity regardless of the size or type of objects.			
	F			Extra Problem Solving			
	M			The last number counted represents how many are in the set.			
27/11/2023	T		Counting 9 Unit 5	Each object in the set is counted once and once only.		9	Awareness of weight such as exploring objects using the language of heavier than and lighter than
	W			Count things that we see, but then they are not visible.			
	T			Count things that happen or we hear			
	F			Extra Problem Solving			
04/12/2023	M		Counting 10 Unit 6	Count items onto a number track		10	Awareness of capacity such as exploring how much a container holds
	T			The count of objects can begin with any object in the set and the total will remain the same			
	W			The count for a set of objects remains the same even if the objects are moved around, as long as no objects are added or removed.			
	T			The count for a set of objects gives the quantity regardless of the size or type of objects.			
11/12/2023	F		Counting 10 Unit 6	Extra Problem Solving		10	Awareness of volume such as exploring how full or empty containers are
	M			Count items onto a number track			
	T			The count of objects can begin with any object in the set and the total will remain the same			
	W			The count for a set of objects remains the same even if the objects are moved around, as long as no objects are added or removed.			
Christmas break	T			The count for a set of objects gives the quantity regardless of the size or type of objects.			
	F			Extra Problem Solving			

Early Years Term 3



Term 3. W/c		Ongoing	Number Manageable Steps to support learning. Use assessment to adapt as required		Fact Check	Patterns and Relationships Please note there are no resources provided with the CanDoMaths Club for this strand
02/01/2024	M	Counting stories and rhymes, group counting including beyond 10	Composition of 2, 3 and 4 calculating within 4 Unit 7		Make 4	Awareness of a range of patterns, e.g. wallpaper and wrapping paper
	T			Subitise numbers up to 5		
	W			Partition 2, 3 and 4		
	T			Combine groups to make 2, 3 or 4		
08/01/2024	F			Find ways to make 2, 3, or 4	Make 4	Awareness of repeating patterns, continuing a pattern e.g. using 3D and 2D shapes and their attributes
	M		Composition of 2, 3 and 4 calculating within 4 Unit 7	Find totals up to 4 by combining groups, including the empty set		
	T			Find one more than numbers up to 4		
	W			Take away from 2, 3, or 4, including taking away zero		
	T			Find one less than numbers up to 4		
15/01/2024	F			Extra Problem Solving	Make 5	Awareness of repeating patterns, continuing a pattern e.g. using sounds and movements
	M		Composition of 5 and calculating within 5 Unit 8	Partition 5		
	T			Combine groups to make 5		
	W			Find totals up to 5 by combining groups, including the empty set		
	22/01/2024			T		
F				Extra Problem Solving		
M			Composition of 5 and calculating within 5 Unit 8	Take away from 5		
T				Take away from numbers up to 5		
W				Find one less than numbers up to 5		
29/01/2024	T				Find hidden numbers when calculating within 5	Make 6
	F			Extra Problem Solving		
	M		Composition of 6 and calculating within 6 Unit 9	Partition 6		
	T			Combine groups to make 6		
	W			Find totals up to 6 by combining groups, including the empty set		
05/02/2024	T				Find one more than numbers up to 6	Make 6
	F			Extra Problem Solving		
	M		Composition of 6 and calculating within 6 Unit 9	Take away from 6		
	T			Take away from numbers up to 6		
	W	Find one less than numbers up to 6				
	T			Find hidden numbers when calculating within 6		
	F		Extra Problem Solving			
Half Term						

Early Years Term 4



Term 4. W/c		Ongoing	Number Manageable Steps to support learning. Use assessment to adapt as required		Fact Check	Patterns and Relationships Please note there are no resources provided with the CanDoMaths Club for this strand	
19/02/2024	M	Counting stories and rhymes, choral counting, group counting including beyond 10 Exploring patterns: What is the same and what is different?	Compare numbers Unit 10	Identify groups that are the same	More than	Sequencing	Awareness of sequences within a day,
	T			Identify the group that has more and use language of comparison			
	W			Identify the group that has fewer and use language of comparison			
	T			Compare groups			
	F			Extra Problem Solving			
26/02/2024	M		Compare numbers Unit 10	Identify numbers that are more	Less than		Awareness of sequences of events, e.g. in stories, poems, songs
	T			Identify numbers that are less			
	W			Compare numbers			
	T			Order numbers			
	F			Extra Problem Solving			
04/03/2024	M		Composition of 7 and calculating within 7 Unit 11	Partition 7	Make 7		Awareness of creating sequences e.g. using the language of first, then, next, including instructions
	T			Combine groups to make 7			
	W			Find totals up to 7 by combining groups, including the empty set			
	T			Find one more than numbers up to 7			
	F			Extra Problem Solving			
11/03/2024	M		Composition of 7 and calculating within 7 Unit 11	Take away from 7	Make 7	Making Connections with shapes	Awareness of 2D shapes
	T			Take away from numbers up to 7			
	W			Find one less than numbers up to 7			
	T			Find hidden numbers when calculating within 7			
	F			Extra Problem Solving			
18/03/2024	M		Composition of 8 and calculating within 8 Unit 12	Partition 8	Make 8		Awareness of combining 2D shapes to make other shapes, e.g. in puzzles and pictures
	T			Combine groups to make 8			
	W			Find totals up to 8 by combining groups, including the empty set			
	T			Find one more than numbers up to 8			
	F			Extra Problem Solving			
25/03/2024	M		Composition of 8 and calculating within 8 Unit 12	Take away from 8	Make 8	Awareness of decomposing 2D shapes into other shapes	
	T			Take away from numbers up to 8			
	W			Find one less than numbers up to 8			
	T			Find hidden numbers when calculating within 8			
	F			Extra Problem Solving			
Easter Break							N.B. Ensure 2-D shapes are 2D not thin 3D shapes!

Early Years Term 5



Term 5. W/c		Ongoing	Number Manageable Steps to support learning. Use assessment to adapt as required				Fact Check	Developing Spatial Reasoning Please note there are no resources provided with the CanDoMaths Club for this strand	
15/04/2024	M	Counting stories and rhymes, choral counting, group counting including beyond 10 Exploring ordinality, using language of first, second, third and last	Composition of 9 and calculating within 9 Unit 13	Partition 9			Make 9	3D Shape	Revisit learning and solve problems
	T			Combine groups to make 9					
	W			Find one more than numbers up to 9					
	T			Find totals up to 9 by counting on					
	F			Extra Problem Solving					
22/04/2024	M		Composition of 9 and calculating within 9 Unit 13	Take away from 9			Make 9	Length	Revisit learning and solve problems
	T			Take away from numbers up to 9					
	W			Find one less than numbers up to 9					
	T			Find hidden numbers when taking away					
	F			Extra Problem Solving					
29/04/2024	M		Composition of 10 and calculating within 10 Unit 14	Partition 10			Make 10	Position	Revisit learning and solve problems
	T			Combine groups to make 10					
	W			Find one more than numbers up to 10					
	T			Find totals up to 10 by counting on					
	F			Extra Problem Solving					
06/05/2024	M		Composition of 10 and calculating within 10 Unit 14	Take away from 10			Make 10	Pattern	Revisit learning and solve problems
	T			Take away from numbers up to 10					
	W			Find one less than numbers up to 10					
	T			Find hidden numbers when taking away					
	F			Extra Problem Solving					
13/05/2024	M		Equal Groups	Use repeated addition to find doubles			Doubles	Weight	Revisit learning and solve problems
	T			Use repeated addition to find even numbers					
	W			Solve problems involving doubles and even numbers					
	T			Combine equal groups to find a total					
	F			Solve problems involving combining groups					
20/05/2024	M	Solving Problems or Revisiting Learning based on Assessment							
	T								
	W								
	T								
	F								
Half Term									

Early Years Term 6



Term 6. W/c		Ongoing	Number				Fact Check	Patterns and Relationships	
			Manageable Steps to support learning. Use assessment to adapt as required. Apply and secure previous learning by solving problems.					Please note there are no resources provided with the CanDoMaths Club for this strand	
03/06/2024	M	Counting stories and rhymes, choral counting, group counting including beyond 10 Exploring patterns in numbers beyond 10: What is the same and what is different?	Distributing Equally	Distribute objects by sharing into two equal groups			Even and odd	Capacity	Revisit learning and solve problems
	T			Distribute objects by sharing into more than two equal groups					
	W			Solve problems involving sharing into equal groups					
	T			Distribute objects by grouping equally					
	F			Extra Problem Solving					
10/06/2024	M		Securing and Using Number Facts	Number stories for combining groups			Facts of 5	Time	Revisit learning and solve problems
	T			Number stories for counting on					
	W			Number stories for hidden numbers					
	T			Extra Problem Solving					
	F			Extra Problem Solving					
17/06/2024	M		Securing and Using Number Facts	Number stories for taking away			Facts of 5	2D Shape	Revisit learning and solve problems
	T			Number stories for how many fewer than					
	W			Number stories for hidden numbers					
	T			Extra Problem Solving					
	F			Extra Problem Solving					
24/06/2024	M		Securing and Using Number Facts	Extra Problem Solving			Facts of 5	Money	Revisit learning and solve problems
	T			Extra Problem Solving					
	W			Extra Problem Solving					
	T			Extra Problem Solving					
	F			Extra Problem Solving					
01/07/2024	M	Solving Problems or Revisiting Learning based on Assessment						Revisit aspects of Shape Space and Measures based on assessment	
	T								
	W								
	T								
	F								
08/07/2024	M	Solving Problems or Revisiting Learning based on Assessment						Revisit aspects of Shape Space and Measures based on assessment	
	T								
	W								
	T								
	F								
15/07/2024	M	Solving Problems or Revisiting Learning based on Assessment						Revisit aspects of Shape Space and Measures based on assessment	
	T								
	W								
	T								
	F								
Summer Holiday									