

KG, The Sultan's School Primary Mathematics, Medium Term Plan

Unit 1, 3 weeks		
Counting & recognising numbers	Counting & recognising numbers	Shape (2-D) / Exploring patterns

Unit 2, 3 weeks		
Counting & recognising numbers	Counting & recognising numbers	Measures (length & height)

Unit 3, 3 weeks		
Adding & subtracting (Adding)	Adding & subtracting (Adding)	Space

Unit 4, 3 weeks		
Adding & subtracting (Subtracting)	Adding & subtracting (Subtracting)	Measures (money)

Unit 5, 4 weeks		
Counting & recognising numbers	Counting & recognising numbers/ Solving problems**	Shape (3-D) / Exploring patterns

Unit 6, 5 weeks		
Adding & subtracting (Adding) **	Adding & subtracting (Adding) / Solving problems **	Measures (weight)

Unit 7, 6 weeks		
Adding & subtracting (Subtracting)**	Adding & subtracting (Subtracting) / Solving problems **	Measures (time) **

Unit 8, 6 weeks		
Counting & recognising numbers**	Solving problems (doubling and halving)**	Measures (capacity)**

Unit 9, 3 weeks		
Counting & recognising numbers	Counting & recognising numbers/ Solving problems	Shape (2-D & 3D) / Exploring patterns

**=Extended week

NOTES:

Bold denote an Early learning goal

Italics denote an Early years outcome / Early learning goal that has been taught previously and therefore should be consolidated and extended.

The allocation of the Early years outcome / Early learning goal for each week above should be viewed as recommendations only. Individual schools and early years providers should adapt the above to reflect the requirements of their school / setting and the needs of their children.

Unit 1 EYFS Aspect of Learning			
Numbers – Counting & recognising numbers			
Numbers – Counting & recognising numbers			
Shape, space & measures – Shape (2-D) / Exploring patterns			
<i>Busy Ant Maths</i> F Topic(s)	40 – 60+ months Early years outcome / Early learning goal	Choose ‘Adult-led’ and ‘Explore and play’ activities from:	
		<i>Busy Ant Maths</i> F	
		Unit	Teacher’s Guide
Numbers – Counting & recognising numbers	Week 1		
	• Recognise some numerals of personal significance	N 1	34
	• Recognises numerals 1 to 5	N 2	41
	• Counts up to three or four objects by saying one number name for each item	N 6	74
	• Counts actions or objects which cannot be moved	N 7	83
Numbers – Counting & recognising numbers	Week 2		
	• <i>Recognise some numerals of personal significance</i>	N 1	34
	• <i>Recognises numerals 1 to 5</i>	N 2	41
	• Records, using marks that they can interpret and explain	N 5	66
	• <i>Counts up to three or four objects by saying one number name for each item</i>	N 6	74
Shape, space & measures – Shape (2-D) / Exploring patterns	Week 3		
	• Beginning to use mathematical names for • ‘solid’ 3D shapes and ‘flat’ 2-D shapes, and mathematical terms to describe shapes	SSM 1	259
	• Selects a particular named shape [2-D only]	SSM 2	267
	• Uses familiar objects and common shapes to create and recreate patterns and build models	SSM 18	370
	• Recognises, creates and describes patterns	SSM 19	377

Unit 2 EYFS Aspect of Learning			
Numbers – Counting & recognising numbers			
Numbers – Counting & recognising numbers			
Shape, space & measures – Measures (length & height)			
<i>Busy Ant Maths F</i> Topic(s)	40 – 60+ months Early years outcome / Early learning goal	Choose ‘Adult-led’ and ‘Explore and play’ activities from:	
		<i>Busy Ant Maths F</i>	
		Unit	Teacher’s Guide
Numbers – Counting & recognising numbers	Week 1		
	<ul style="list-style-type: none"> Recognises numerals 1 to 5 	N 2	41
	<ul style="list-style-type: none"> Recognises numerals 1 to 10 	N 3	48
	<ul style="list-style-type: none"> Records, using marks that they can interpret and explain 	N 5	66
	<ul style="list-style-type: none"> Counts objects to 10, and beginning to count beyond 10 	N 8	92
Numbers – Counting & recognising numbers	Week 2		
	<ul style="list-style-type: none"> Recognises numerals 1 to 10 	N 3	48
	<ul style="list-style-type: none"> Records, using marks that they can interpret and explain 	N 5	66
	<ul style="list-style-type: none"> Counts objects to 10, and beginning to count beyond 10 	N 8	92
	<ul style="list-style-type: none"> Counts out up to six objects from a larger group 	N 9	102
Shape, space & measures – Measures (length & height)	Week 3		
	<ul style="list-style-type: none"> Orders two or three items by length or height 	SSM 8	307
	<ul style="list-style-type: none"> Uses everyday language to talk about size to compare quantities and objects to solve problems 	SSM 13	336

Suggested topic to continue to ‘Explore and play’ during Unit 2:

- Shape, space & measures – Shape (2-D) / Exploring patterns

Unit 3 EYFS Aspect of Learning			
Numbers – Adding and subtracting (Adding)			
Numbers – Adding and subtracting (Adding)			
Shape, space & measures – Measures (length & height)			
<i>Busy Ant Maths F</i> Topic(s)	40 – 60+ months Early years outcome / Early learning goal	Choose ‘Adult-led’ and ‘Explore and play’ activities from:	
		<i>Busy Ant Maths F</i>	
		Unit	Teacher’s Guide
Numbers – Adding and subtracting (Adding)	Week 1		
	<ul style="list-style-type: none"> Finds the total number of items in two groups by counting all of them 	N 16	157
	<ul style="list-style-type: none"> In practical activities and discussion, beginning to use the vocabulary involved in adding 	N 18	173
	<ul style="list-style-type: none"> Records, using marks that they can interpret and explain [in the context of adding and subtracting] 	N 20	185
	<ul style="list-style-type: none"> Finds the total number of items in two groups by counting all of them 	N 16	157
Numbers – Adding and subtracting (Adding)	Week 2		
	<ul style="list-style-type: none"> <i>Finds the total number of items in two groups by counting all of them</i> 	N 16	157
	<ul style="list-style-type: none"> Says the number that is one more than a given number 	N 17	165
	<ul style="list-style-type: none"> Finds one more or one less from a group of up to five objects, then ten objects 	N 8	92
	<ul style="list-style-type: none"> <i>In practical activities and discussion, beginning to use the vocabulary involved in adding</i> 	N 18	173
Shape, space & measures – Space	Week 3		
	<ul style="list-style-type: none"> Can describe their relative position such as ‘behind’ or ‘next to’ 	SSM 5	288
	<ul style="list-style-type: none"> Uses everyday language to talk about position, distance [and direction] to objects and to solve problems 	SSM 6	194
	<ul style="list-style-type: none"> Uses everyday language to talk about distance to compare objects and to solve problems 	SSM 7	301

Suggested topics to continue to ‘Explore and play’ during Unit 3:

- Numbers – Counting & recognising numbers
- Shape, space & measures – Measures (length & height)

Unit 4 EYFS Aspect of Learning			
Numbers – Adding and subtracting (Subtracting)			
Numbers – Adding and subtracting (Subtracting)			
Shape, space & measures – Measures (money)			
<i>Busy Ant Maths F</i> Topic(s)	40 – 60+ months Early years outcome / Early learning goal	Choose ‘Adult-led’ and ‘Explore and play’ activities from:	
		<i>Busy Ant Maths F</i>	
		Unit	Teacher’s Guide
Numbers – Adding and subtracting (Subtracting)	Week 1		
	<ul style="list-style-type: none"> In practical activities and discussion, beginning to use the vocabulary involved in subtracting 	N 19	179
	<ul style="list-style-type: none"> Records, using marks that they can interpret and explain [in the context of <i>adding and subtracting</i>] 	N 20	185
Numbers – Adding and subtracting (Subtracting)	Week 2		
	<ul style="list-style-type: none"> Says the number that is one more than a given number 	N 17	165
	<ul style="list-style-type: none"> Finds one more or one less from a group of up to five objects, then ten objects 	N 17	165
	<ul style="list-style-type: none"> In practical activities and discussion, beginning to use the vocabulary involved in subtracting 	N 19	179
	<ul style="list-style-type: none"> Records, using marks that they can interpret and explain [in the context of <i>adding and subtracting</i>] 	N 20	185
Shape, space & measures – Measures (money)	Week 3		
	<ul style="list-style-type: none"> Uses everyday language to talk about money to compare quantities and objects to solve problems 	SSM 17	361

Suggested topic to continue to ‘Explore and play’ during Unit 4:

- Shape, space & measures – Space

Unit 5 EYFS Aspect of Learning			
Numbers – Counting & recognising numbers			
Numbers – Counting & recognising numbers / Solving problems**			
Shape, space & measures – Shape (3-D) / Exploring patterns			
<i>Busy Ant Maths F</i> Topic(s)	40 – 60+ months Early years outcome / Early learning goal	Choose ‘Adult-led’ and ‘Explore and play’ activities from:	
		<i>Busy Ant Maths F</i>	
		Unit	Teacher’s Guide
Numbers – Counting & recognising numbers	Week 1		
	<ul style="list-style-type: none"> Recognises numerals 1 to 10 	N 3	48
	<ul style="list-style-type: none"> Records, using marks that they can interpret and explain 	N 5	66
	<ul style="list-style-type: none"> Counts objects to 10, and beginning to count beyond 10 	N 8	92
	<ul style="list-style-type: none"> Counts out up to six objects from a larger group 	N 9	102
	<ul style="list-style-type: none"> Selects the correct numeral to represent 1 to 5, then 1 to 10 objects 	N 10	111
	<ul style="list-style-type: none"> Counts an irregular arrangement of up to ten objects 	N 11	120
	<ul style="list-style-type: none"> Estimates how many objects they can see and checks by counting them 	N 12	126
Numbers – Counting & recognising numbers / Solving problems **	Week 2 - 3		
	<ul style="list-style-type: none"> Recognises numerals 1 to 10 	N 3	48
	<ul style="list-style-type: none"> Records, using marks that they can interpret and explain 	N 5	66
	<ul style="list-style-type: none"> Counts objects to 10, and beginning to count beyond 10 	N 8	92
	<ul style="list-style-type: none"> Counts out up to six objects from a larger group 	N 9	102
	<ul style="list-style-type: none"> Selects the correct numeral to represent 1 to 5, then 1 to 10 objects 	N 10	111
	<ul style="list-style-type: none"> Counts an irregular arrangement of up to ten objects 	N 11	120
	<ul style="list-style-type: none"> Uses the language of ‘more’ and ‘fewer’ to compare two sets of objects [to 10, then extend to 20] 	N 13	133
	<ul style="list-style-type: none"> Begins to identify own mathematical problems based on own interests and fascinations 	N 24	211
Shape, space & measures – Shape (3-D) / Exploring patterns	Week 4		

	<ul style="list-style-type: none"> Beginning to use mathematical names for 'solid' 3D shapes and 'flat' 2-D shapes, and mathematical terms to describe shapes 	SSM 1	259
	<ul style="list-style-type: none"> Selects a particular named shape [3-D only] 	SSM 2	267
	<ul style="list-style-type: none"> Uses familiar objects and common shapes to create and recreate patterns and build models 	SSM 18	370

Suggested topic to continue to 'Explore and play' during Unit 5:

- Shape, space & measures – Measures (money)

Unit 6 EYFS Aspect of Learning			
Numbers – Adding and subtracting (Adding)**			
Numbers – Adding and subtracting (Adding) / Solving problems**			
Shape, space & measures – Measures (weight)			
Busy Ant Maths F Topic(s)	40 – 60+ months Early years outcome / Early learning goal	Choose 'Adult-led' and 'Explore and play' activities from:	
		Busy Ant Maths F	
		Unit	Teacher's Guide
Numbers – Adding and subtracting (Adding)**	Week 1 - 2		
	<ul style="list-style-type: none"> Says the number that is one more than a given number 	N 17	165
	<ul style="list-style-type: none"> Finds one more or one less from a group of up to five objects, then ten objects 	N 2	41
	<ul style="list-style-type: none"> Uses quantities and objects to add two single-digit numbers and count on to find the answer [totals to 10 only] 	N 22	198
Numbers – Adding and subtracting (Adding) / Solving problems**	Week 3 - 4		
	<ul style="list-style-type: none"> Says the number that is one more than a given number 	N 17	165
	<ul style="list-style-type: none"> Finds one more or one less from a group of up to five objects, then ten objects 	N 2	41
	<ul style="list-style-type: none"> Uses quantities and objects to add two single-digit numbers and count on to find the answer [totals to 10 only] 	N 22	198
	<ul style="list-style-type: none"> Begins to identify own mathematical problems based on own interests and fascinations 	N 24	211

Shape, space & measures – Measures (weight)	Week 5		
	<ul style="list-style-type: none"> Orders two items by weight 	SSM 9	314
	<ul style="list-style-type: none"> Uses everyday language to talk about weight to compare quantities and objects to solve problems 	SSM 14	343

Suggested topics to continue to ‘Explore and play’ during Unit 6:

- Numbers – Counting & recognising numbers
- Shape, space & measures – Shape (3-D) / Exploring patterns

Unit 7 EYFS Aspect of Learning			
Numbers – Adding and subtracting (Subtracting) **			
Numbers – Adding and subtracting (Subtracting) / Solving problems**			
Shape, space & measures – Measures (time) **			
<i>Busy Ant Maths F Topic(s)</i>	40 – 60+ months Early years outcome / Early learning goal	Choose ‘Adult-led’ and ‘Explore and play’ activities from:	
		<i>Busy Ant Maths F</i>	
		Unit	Teacher’s Guide
Numbers – Adding and subtracting (Subtracting) **	Week 1 - 2		
	<ul style="list-style-type: none"> <i>Says the number that is one more than a given number</i> 		
	<ul style="list-style-type: none"> <i>Finds one more or one less from a group of up to five objects, then ten objects</i> 	N 17	165
	<ul style="list-style-type: none"> Uses quantities and objects to subtract two single-digit numbers and count back to find the answer 	N 23	204
Numbers – Adding and subtracting (Subtracting) / Solving problems**	Week 3 - 4		
	<ul style="list-style-type: none"> <i>Says the number that is one more than a given number</i> 	N 17	165
	<ul style="list-style-type: none"> <i>Finds one more or one less from a group of up to five objects, then ten objects</i> 	N 17	165
	<ul style="list-style-type: none"> Uses quantities and objects to subtract two single-digit numbers and count back to find the answer 	N 23	204
	<ul style="list-style-type: none"> <i>Begins to identify own mathematical problems based on own interests and fascinations</i> 	N 24	211
Shape, space & measures – Measures (time) **	Week 5 - 6		
	<ul style="list-style-type: none"> Orders and sequences familiar events 	SSM 11	324
	<ul style="list-style-type: none"> Measures short periods of time in simple ways 	SSM 12	330

Suggested topic to continue to ‘Explore and play’ Unit Block 7:

- Shape, space & measures – Measures (weight)

Unit 8 EYFS Aspect of Learning			
Numbers – Counting & recognising numbers**			
Numbers – Solving problems (doubling and halving) **			
Shape, space & measures – Measures (capacity) **			
<i>Busy Ant Maths F</i> Topic(s)	40 – 60+ months Early years outcome / Early learning goal	Choose ‘Adult-led’ and ‘Explore and play’ activities from:	
		<i>Busy Ant Maths F</i>	
		Unit	Teacher’s Guide
Numbers – Counting & recognising numbers**	Week 1 - 2		
	<ul style="list-style-type: none"> • <i>Recognises numerals 1 to 10</i> 	N 3	48
	<ul style="list-style-type: none"> • <i>Records, using marks that they can interpret and explain</i> 	N 5	66
	<ul style="list-style-type: none"> • <i>Counts objects to 10, and beginning to count beyond 10</i> 	N 8	92
	<ul style="list-style-type: none"> • <i>Counts out up to six objects from a larger group</i> 	N 9	102
	<ul style="list-style-type: none"> • <i>Selects the correct numeral to represent 1 to 5, then 1 to 10 objects</i> 	N 10	111
	<ul style="list-style-type: none"> • <i>Counts an irregular arrangement of up to ten objects</i> 	N 11	120
	<ul style="list-style-type: none"> • <i>Estimates how many objects they can see and checks by counting them</i> 	N 12	126
	<ul style="list-style-type: none"> • <i>Uses the language of ‘more’ and ‘fewer’ to compare two sets of objects [to 10, then extend to 20]</i> 	N 13	133
Numbers – Solving problems (doubling and halving) **	Week 3 - 4		
	<ul style="list-style-type: none"> • Solves problems, including doubling and halving 	N 25	218
Shape, space & measures – Measures (capacity) **	Week 5 - 6		
	<ul style="list-style-type: none"> • Orders two items by capacity 	SSM 10	319
	<ul style="list-style-type: none"> • Uses everyday language to talk about capacity to compare quantities and objects to solve problems 	SSM 15	349

Suggested topic to continue to ‘Explore and play’ during Unit 8:

- Shape, space & measures – Measures (time)

Unit 9 EYFS Aspect of Learning			
Numbers – Counting & recognising numbers			
Numbers – Counting & recognising numbers / Solving problems			
Shape, space & measures – Shape (2-D & 3-D) / Exploring patterns			
<i>Busy Ant Maths</i> F Topic(s)	40 – 60+ months Early years outcome / Early learning goal	Choose ‘Adult-led’ and ‘Explore and play’ activities from:	
		<i>Busy Ant Maths</i> F	
		Unit	Teacher’s Guide
Numbers – Counting & recognising numbers	Week 1		
	<ul style="list-style-type: none"> Recognises numerals 1 to 20 	N 4	57
	<ul style="list-style-type: none"> Records, using marks that they can interpret and explain 	N 5	66
	<ul style="list-style-type: none"> Uses the language of ‘more’ and ‘fewer’ to compare two sets of objects [to 10, then extend to 20] 	N 13	133
	<ul style="list-style-type: none"> Counts reliably with numbers from one to 20 	N 14	141
	<ul style="list-style-type: none"> Places numbers one to 20 in order 	N 15	148
Numbers – Counting & recognising numbers / Solving problems	Week 2		
	<ul style="list-style-type: none"> Recognises numerals 1 to 20 	N 4	57
	<ul style="list-style-type: none"> Records, using marks that they can interpret and explain 	N 5	66
	<ul style="list-style-type: none"> Uses the language of ‘more’ and ‘fewer’ to compare two sets of objects [to 10, then extend to 20] 	N 13	133
	<ul style="list-style-type: none"> Counts reliably with numbers from one to 20 	N 14	141
	<ul style="list-style-type: none"> Places numbers one to 20 in order 	N 15	148
	<ul style="list-style-type: none"> Begins to identify own mathematical problems based on own interests and fascinations 	N 24	211
Shape, space & measures – Shape (2-D) / Exploring patterns	Week 3		
	<ul style="list-style-type: none"> Selects a particular named shape 	SSM 2	267
	<ul style="list-style-type: none"> Explores characteristics of 2-D shapes and uses mathematical language to describe them 	SSM 3	274
	<ul style="list-style-type: none"> Explores characteristics of everyday objects and 3-D shapes and uses mathematical language to describe them 	SSM 4	280
	<ul style="list-style-type: none"> Uses familiar objects and common shapes to create and recreate patterns and build models. 	SSM 18	370
	<ul style="list-style-type: none"> Recognises, creates and describes patterns 	SSM 19	377

Suggested topics to continue to ‘Explore and play’ during Unit 9:

- Numbers – Solving problems (doubling and halving)

- Shape, space & measures – Measures (capacity)