	Reception Singapore Mathematics Map		Textbook Resources	
			What are you aiming for and how have similar problems been presented?	
	Unit	**EYFS Requirements: Key Learning Points Linked to Development Matters**	Earlybrid Kindegarten Mathematics Book K1A/K1B	Maths No Problem 1A and 1B books
A u t u m n T e r m	**1. Pattern and shape (2 weeks)**	· *recognise, create and describe patterns* · *explore characteristics of everyday objects and shapes and use mathematical language to describe* · explore characteristics of everyday objects and shapes (focusing on 2d shapes) · use mathematical language associated with shape	K1B: Unit 5- Shapes K1B Unit 6-Pattern	Chapter 8- Shapes and Pattern
	2. Same and different (1 week)	· *estimate a number of objects and check by counting* · estimate and check by counting 1 or 2 objects reliably · recognise if a number of objects is the same or different (working with numbers 1 and 2) · count one or two reliably using abstract materials · describe and create patterns that are the same and different · recognise the numerals 1 and 2	K1B: Unit 10- Comparing sets K2A: Unit 1- Comparing numbers	
	3. Numbers within 5 (2 weeks)	· *say which number is one more or one less than a given number* · *estimate a number of objects and check by counting* · count reliably with numbers from 1 to 5 · place numbers 1-5 in order · say which number from 1-5 is one more or one less than a given number · recognise the numerals 1-5 · understand the conservation of number	K1A: Unit2- Numbers to 5	Chapter 1- Numbers to 10
	4. Measure (1 week)	· *use everyday language to talk about size, weight, capacity* · *estimate, measure, weigh and compare and order objects* · compare objects and quantities · solve size problems (i.e. length) · solve weight and capacity problems	K1B: Unit7- Length and size K1B: Unit 8- Weight K1B: Unit9- Capacity	Chapter 9- Length and height
	5. Numbers within 10 (3 weeks)	· *say which number is one more or one less than a given number* · *estimate a number of objects and check by counting* · count reliably with numbers from 1 to 10 · place numbers 0-10 in order · say which number from 1-10 is one more or one less than a given number · recognise the numerals 0-10 · use ordinal numbers: 1st, 2nd...last · understand the conservation of number · Understand zero	K1A: Unit3- Numbers to 10 K1A: Unit 4- Count to 10	Chapter 1- Numbers to 10
	6. Shape and calendar (1 week)	· *explore characteristics of everyday objects and shapes and use mathematical language to describe* · explore characteristics of everyday objects and shapes (focusing on 2d shapes) · use mathematical language associated with shape · use everyday language to talk about time (days and months) · use ordinal numbers: 1st, 2nd...last		Chapter 5- Position (ordinal numbers)

S p r i n g	**7. Position and Time (1 week)**	• *use everyday language to talk about time* • use mathematical language to describe size and position	K2B: Unit 8- Time	
T e r m	**8. Numbers within 15 (2 weeks)**	• *say which number is one more or one less than a given number* • *estimate a number of objects and check by counting* • count reliably with numbers from 0 to 15 • place numbers from 0-15 in order • say which number is one more or one less than a given number within 15 • estimate a number of objects and check by counting • considering equal and unequal groups		Chapter 6- Numbers to 20 (Use ideas and methods of presentation but keep all numbers below 15)
	9. Numbers within 20 (2 weeks)	• *count reliably with numbers from one to 20* • *say which number is one more or one less than a given number* • count reliably with numbers from 0 to 20 • place numbers from 0-20 in order • say which number is one more or one less than a given number within 20 • estimate a number of objects and check by counting • considering equal and unequal groups	K2A: Unit 2- Numbers to 20	Chapter 6- Numbers to 20
	10. Shape and pattern (1 week)	• *talk about properties of shapes* • *explore characteristics of everyday objects and shapes and use mathematical language to describe them* • explore characteristics of everyday objects and shapes (focusing on 3d shapes) • use mathematical language associated with shape • classify and sort shapes • recognise, create and describe patterns with shapes		Chapter 8: Shape and pattern
	11. Addition and Subtraction (1) (3 weeks)	• *add and subtract two single-digit numbers and count on or back to find the answer* • *estimate a number of objects and check by counting up to 20* • use quantities and objects, count on or back to add and subtract • estimate a number of objects and check by counting • subitise within 5 • represent and use number bonds within 5	K2A: Unit 3- Number Bonds K2A: Unit 5- Subtraction	Chapter 3- Addition within 10 Chapter 4-Subtraction within 10 Chapter 2- Number bonds
	12. Numbers beyond 20 (1) (1 week)	• *say which number is one more or one less than a given number* • count reliably to 50 • explore counting on and back from any number within 50 • place numbers from 0-50 in order • say which number is one more or one less than a given number • estimate a number of objects and check by counting		

S u m m e r	**13. Measure (1 week)**	• *use everyday language to talk about size, weight, capacity* • *estimate, measure, weigh and compare and order objects* • compare objects and quantities • solve size problems (i.e. length) • solve weight and capacity problems • explore measuring objects using non-standard units	K1B: Unit 7- Length and size K1B: Unit 8- Weight K1B: Unit 9- Capacity	Chapter 9- Length and height
T e r m	**14. Grouping and sharing (2 weeks)**	• *solve practical problems that involve combining groups of 2, 5 or 10, or sharing into equal groups* • solve practical problems that involve grouping and sharing • explore counting on in steps of 2 from zero		
	15. Money (1 week)	• *Recognise coins and their values* • *compare quantities and objects to solve problems* • use everyday language to talk about money • compare the value of coins • use quantities and objects to count on and back to add and subtract	K2B: Unit 10- Money	
	16. Doubling and halving (1 week)	• *solve problems, including doubling, halving and sharing* • Explore the relationship between doubling and halving		
	17. Addition and Subtraction (2) (3 weeks)	• *add and subtract two single-digit numbers and count on or back to find the answer* • *compare quantities and objects to solve problems* • solve problems, including doubling, halving and sharing • say which number is one more or one less than a given number • use quantities and objects to add and subtract two single-digit numbers	K2A: Unit 11 – Number Bonds K2A: Unit 4- Addition K2A: Unit 5- Subtraction K2B: Unit 6- Addition and subtraction	Chapter 3- Addition within 10 Chapter 4- Subtraction within 10
	18. Numbers beyond 20 (2) (1 week)	• *say which number is one more or one less than a given number* • *estimate a number of objects and check by counting* • *solve practical problems that involve combining groups of 2, 5 or 10, or sharing into equal groups* • count reliably to 100 • explore counting on and back from any number within 50 • place numbers from 0-100 in order • say which number is one more or one less than a given number • solve problems, including grouping and sharing • estimate a number of objects and check by counting • explore counting on in steps of 5 and 10 from zero	K2B: Unit 7- Numbers to 30 K2B: Unit 9- Numbers to 100	