









Content 1A

Topics	Strand	Learning Objective	Page
Revision I • Kindergarten knowledge			4
Revision II • Kindergarten knowledge			6
1. Positions 	Shape and Space	✓ Use 'over', 'under', 'left', 'right', 'in front of', 'behind' and 'between' to describe relative positions of objects with respect to the observer's point of view	8
2. Numbers Up to 20 	Number	✓ Recognise numbers 1 to 20 ✓ More and less	10
3. Counting Onwards and Backwards 	Number	✓ Perform counting onwards and counting backwards	12
4. Odd and Even Numbers 	Number	✓ Recognise the odd and even numbers up to 20	14
5. Order and Quantity of Objects  	Number	✓ Recognise the concepts of ordinal and cardinal numbers	16
6. Composition of Numbers 2 to 10 	Number	✓ Recognise the decomposition and composition of numbers 2 to 10	18
7. Composition of Numbers 11 to 18	Number	✓ Recognise the decomposition and composition of numbers 11 to 18	20
8. Length and Distance 	Measures	✓ Recognise the concepts of length and distance ✓ Compare the lengths and the distances intuitively ✓ Compare the lengths and the distances directly ✓ Compare the lengths and the distances in improvised units	22
Test I • Exercise 1 – 8			24
9. Basic Addition	Number	✓ Basic concept of addition ✓ Perform addition within 18 ✓ Recognise commutative property of addition	28

Brain Quest



Provide challenging questions and QR code linked to tips.

Online learning platform








CLASSROOM
Online World

Common terms in Maths



Provide bilingual frequently used term in mathematics.

Topics	Strand	Learning Objective	Page
10. Basic Subtraction	Number	<ul style="list-style-type: none">✓ Basic concept of subtraction✓ Perform subtraction within 18	30
11. Knowing 0  	Number	<ul style="list-style-type: none">✓ Recognise the concept of 0✓ Perform addition and subtraction involving 0	32
12. Addition and Subtraction 	Number	<ul style="list-style-type: none">✓ Understand the relation between addition and subtraction✓ Discover that commutative property does not hold for subtraction	34
13. Numbers Up to 100	Number	<ul style="list-style-type: none">✓ Recognise numbers 21 to 100✓ Counting onwards and backwards	36
14. Units Place and Tens Place 	Number	<ul style="list-style-type: none">✓ Recognise the concepts of the units place and the tens place✓ Compare numbers up to 100✓ Recognise odd and even numbers up to 100	38
15. Counting in Groups of 2, 5 and 10 	Number	<ul style="list-style-type: none">✓ Count in groups of 2, 5 and 10✓ Estimate the quantity of objects	40
16. Simple Sudoku (Enrichment)	Number	<ul style="list-style-type: none">✓ Perform Sudoku game	42
Test II • Exercise 9 – 15			44
Word Problems Training I	• Addition within 10 • Subtraction within 10		48
Word Problems Training II	• Addition within 18 • Subtraction within 18 • Application of 0		50
Exam • Exercise 1 – 15			52
Maths Reading Station			58
Brain Power			60
Analysis of Exam Questions			62