

ALSAGOFF ARAB SCHOOL
ACQUIRED KNOWLEDGE DEPARTMENT
PRIMARY 1 MATHEMATICS SCHEME OF WORK 2016

Term 1: Monday 4 January to Friday 11 March

School Holidays/Functions:

Week # 0	New Year's Day	Friday 1 January
Week # 1	First Day of School	Monday 4 January
Week # 3	Maulid Celebrations	Saturday 23 January
Week # 4	Maulid (In-Lieu)	Monday 25 January
Week # 5	Haflah Celebrations	Saturday 6 February
Week # 6	Chinese New Year	Monday 8 February & Tuesday 9 February
Between Term 1 & 2		Saturday 12 March - Sunday 20 March

*Week(s)	Chapter/Topic	Instructional Objectives	Period
1	<u>Chapter 1:</u> Numbers to 10	Counting back from 10. Read and write 0 to 10 in numbers & words. Comparing numbers. Making number patterns.	9
1 & 2	<u>Chapter 2:</u> Number Bonds	Use number bonds to show parts and whole. Form different number bonds for numbers to 10.	9
2, 3 & 4	<u>Chapter 3:</u> Addition within 10	Add by counting on. Write and complete addition equations. Make addition stories using pictures.	16
4, 5 & 6	<u>Chapter 4:</u> Subtraction within 10	Subtract by taking away. Subtract by counting back. Subtract by counting on. Subtract with number bonds. Tell subtraction stories about pictures. Write and complete subtraction equations. Recognise related addition and subtraction equations.	20
6 & 7	<u>Chapter 5:</u> Shapes and Patterns	Identify, name, describe and classify shapes. Recognise, name and describe the four basic shapes in real objects and pictures. Make and complete patterns with shapes according to one or two of the following attributes: size, shape, colour and orientation.	10
7 & 8	<u>Chapter 6:</u> Ordinal Numbers and Positions	Use ordinal numbers to tell order and position. Use position words to name relative positions.	14
8, 9 & 10	<u>Chapter 7:</u> Numbers to 20	Count on from 10 to 20. Read and write 11 to 20 in numerals and in words. Use tens and ones to show numbers to 20. Compare and order numbers to 20. Make number patterns.	19

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Term 2: Monday 21 March to Friday 27 May

School Holidays/Functions:

Week # 7 Labour Day (In-lieu)

Monday 2 May

Between Semesters 1 & 2

Saturday 28 May to 12 June

*Week(s)	Chapter/Topic	Instructional Objectives	Period
1 & 2	<u>Chapter 8:</u> Addition and Subtraction within 20	Add one- and two-digit numbers by counting on. Add two 1-digit numbers by making 10. Subtract by counting back. Subtract from 10. Solve word problems involving addition and subtraction.	19
2, 3, 4 & 5	<u>Chapter 9:</u> Length	Compare two objects using the terms tall/taller, long/longer and short/shorter. Compare two lengths by comparing each with a third length. Compare more than two lengths using the terms tallest, longest and shortest. Compare objects using a start line. Measure length using non-standard units. Understand that using different non-standard units may give different measurements for the same object. Use the term unit to measure length. Count measurement units in a group of tens and ones.	27
6 & 7	Chapters 1 - 9	Review chapters 1 – 9 to allow pupils to recall and prepare for the Mid-Year Assessment.	20
8	Mathematics Mid-Year Assessment	Administer pen and paper assessment.	10
9 & 10	<u>Chapter 10:</u> Numbers to 40	Recognise, read and write numbers from 21 to 40 in numerals and words. Count within 40 by making tens first. Compare two sets of items by finding the difference in the number of items. Compare numbers to 40. Order numbers to 40. Find the missing numbers in a number pattern.	13

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Term 3: Monday 13 June to Friday 25 June, Monday 11 July to Friday 2 September

School Holidays/Functions:

Last 10 days of Ramadhan		Saturday 25 June to 10 July
Week #	Youth Day (In-lieu)	Monday 4 July
	Hari Raya Puasa	Wednesday 6 July
Week # 6	Family Day (In-lieu)	Monday 1 August
Week # 7	National Day	Tuesday 9 August & Wednesday 10 August
Week # 10	Teachers' Day	Friday 2 September

*Week(s)	Chapter/Topic	Instructional Objectives	Period
1 & 2	<u>Chapter 11:</u> Addition Within 40	Add a 2-digit number and a 1-digit number with and without regrouping. Add two 2-digit numbers with and without regrouping. Add three 1-digit numbers. Solve word problems using addition.	16
2, 3 & 4	<u>Chapter 12:</u> Subtraction Within 40	Subtract a 1-digit number from a 2-digit number with and without regrouping. Subtract a 2-digit number from another 2-digit number with and without regrouping. Solve word problems using subtraction.	13
4 & 5	<u>Chapter 13:</u> Picture Graphs	Collect and show data in a picture graph. Understand the data shown in a picture graph. Collect and show data as a picture graph. Understand the data shown in a picture graph using symbols.	13
5 & 6	<u>Chapter 14:</u> Multiplication	Use objects or pictures to find the total number of items in groups of the same size. Relate repeated addition to multiplication. Write repeated addition as multiplication equations. Write the multiplication equation given the number of groups and items in each group. Relate multiplication stories and write multiplication equations. Use pictorial representation to solve word problems on multiplication. Use multiplication to solve word problems. Write multiplication equations for word problems. <i>Chapter Assessment</i>	11
6 & 7	<u>Chapter 15:</u> Division	Use objects or pictures to find the number of items in each group when sharing equally. Relate sharing equally to division. Use objects or pictures to show division as finding the number of equal groups. <i>Chapter Assessment</i>	9
7 & 8	<u>Chapter 16:</u> Time	Use the term o'clock to tell time to the hour. Read and show time to the hour on a clock. Read time to the half hour. • Use the term half past. • Relate time to daily activities. <i>Chapter Assessment</i>	11

*Week(s)	Chapter/Topic	Instructional Objectives	Period
9 & 10	<u>Chapter 17:</u> Numbers to 100	Count on from 41 to 100. Read and write 41 to 100 in numerals and words. Use a place value chart to show numbers up to 100. Express numbers up to 100 as tens and ones. Use a strategy to compare numbers to 100. Compare and order numbers to 100. Find the missing numbers in a number pattern. <i>Chapter Assessment</i>	10

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Term 4: Monday 12 September to Friday 18 November

School Holidays/Functions:

Week # 1	Hari Raya Haji	Monday 12 September & Tuesday 13 September
Week # 4	Children's Day	Friday 7 October

*Week(s)	Chapter/Topic	Instructional Objectives	Period
1 & 2	<u>Chapter 18:</u> Addition Within 100	Add a 2-digit number and a 1-digit number without regrouping. Add two 2-digit numbers without regrouping. Add a 2-digit number and a 1-digit number with regrouping. Add two 2-digit numbers with regrouping. <i>Chapter Assessment</i>	11
2 & 3	<u>Chapter 19:</u> Subtracting Within 100	Subtract a 1-digit number from a 2-digit number without regrouping. Subtract a 2-digit number from another 2-digit number without regrouping. Subtract two 2-digit numbers with regrouping. <i>Chapter Assessment</i>	11
3, 4 & 5	<u>Chapter 20:</u> Money	Name different coins and notes of the Singapore currency. Understand that '¢' stands for cents and '\$' stands for dollars. Skip-count to find the value of a group of coins/notes of the same denomination. Exchange a coin/note of one denomination for an equivalent set of coins/notes of a smaller denomination. Count the amount of money in cents (up to \$1) using the counting on strategy. Count the amount of money in dollars (up to \$100) using the counting on strategy. Use different combinations of coins/notes to show the same value. Add to find the cost of items. Subtract to find the change. Add and subtract money in cents (up to \$1) or dollars (up to \$100). Solve real-world problems involving addition and subtraction of money. <i>Chapter Assessment</i>	18
5 & 6	Review: Chapters 10 – 20	Review chapters 10 – 20 to allow pupils to recall and prepare for the End-of-Year Assessment.	20
7 & 8	End -of-Year Assessment	Administer pen and paper as well as practical assessment.	
9 & 10	Post-Examination Activities		