

SRI LANKAN SCHOOL - MUSCAT SCHEME OF WORK ACADEMIC YEAR 2016/2017

CLASS : YEAR- 5 SUBJECT: MATHEMATICS TEACHERS : Mr.THUSHARA, Mr. SAMPATH

Month	No.of Periods	Unit No.	TOPIC / DETAILS	Intended learning outcomes	Date of completion	Remarks
September						
School Reopens - 1st Term						
Week 1	2	1	5-digit numbers	To read and write 5-digit numbers		
			Adding 4-digit numbers	To use the concept of adding 4-digit numbers		
Week 2	7	2	Add and Subtract 2-and 3-digit numbers	To practice mental subtraction and addition		
			Mental Subtraction of 3-and 4-digit numbers	To practice mental subtraction and addition		
Week 3			Eid Holydays			
Week 4	7	3	Mental word problems	To solve word problems		
			Two decimal places	To use the concept of 2 decimal places		
			Mental Multiplication Strategies	To describe mental Multiplication Strategies		
Week 5	7	4	12 –and 24-hour clock	To describe and identify 12 –and 24-hour clock		
			Length and perimeter	To use the concept of finding the perimeter		
October						
Week 6	7	5	Subtracting 3-digit numbers	To practice the subtraction of 3-digit numbers		
			Monthly Test-1			
			Subtracting 3- and 4- digit numbers by counting up	To practice subtracting 3 and 4 digit number		
			Finding changes by counting up	To find changes by counting up		
Week 7	7	6	Multiples and factors	To find the multiples and factors		
Week 8	7	7	Fractions and equivalents	To compare and find fractions and equivalents		
Week 9	7	8	Multiplying numbers	To use concept of multiplying 4 digit numbers by 1-digit		
			Dividing 3-digit numbers by 1-digit numbers	To use concept of dividing 3 numbers by 1-digit number		
November						
Week 10	6	9	Measuring angles	To measure the given angles		
			Monthly test - 2			
Week 11	7	10	Measuring angles	To apply knowledge of measuring angles		
			Circles	To identify properties of a circle		
			Rounding 5-digit numbers	To practice and apply concepts		
			Rounding and ordering decimals	To practice and apply concepts		

Week 12	6	11	Comparing fractions and decimals	To compare fractions and decimals		
			Addition and Subtraction	To review addition and Subtraction		
Week 13	7	12	Multiplication and division	To review multiplication and division		
			Operations	To identify operations		
Week 14	7	13	Calculations	To practice calculations		
December						
Week 15	7		Revision			
Week 16			Ist term test			
Week 17			Paper discussion and report work			
Week 18			Vacation			
January 2014						
Week 19			Vacation			
			School Reopens - 2nd Term			
Week 20	7	14	6-digit numbers	To identify 6-digit numbers		
			Decimal place value	To identify decimal place values		
			Mental addition of decimal and whole numbers	To practice mental addition		
Week 21	7	15	Solving problems using mental method	To solve problems using mental method		
			Solving addition and subtraction problems	To solve addition and subtraction problems		
			Dividing by 2,3,4,5,9 and 10	To apply knowledge in using mathematical tables		
Week 22	7	16	Prime numbers and factors	To describe and identify prime numbers and factors		
			Square numbers	To describe and identify square numbers		
			Dividing mentally	To practice and apply concepts		
Week 23	7	17	Properties of triangle	To recognise properties of triangle		
			Grams and kilograms	To identify grams and kilograms		
			Liters and milliliters	To identify liters and milliliters		
			Monthly test -I			
February						
Week 24	7	18	Units of length	To convert units of length		
			Adding 2-place decimals	To practice adding decimals		
			Subtracting decimals	To practice subtracting decimals		
Week 25		19	Multiplying two 2-digit numbers	To practice and apply concepts they have learnt		

	7		Dividing 3-digit1-dig numbers by 1-digit numbers	To practice and apply concepts they have learnt		
			Finding factors of 3-digit numbers	To practice and apply concepts they have learnt		
Week 26	7	20	Multiplying 3 – and 4- digit numbers	To practice and apply concepts they have learnt		
Week 27	4	21	Multiplying and dividing	To practice and apply concepts they have learnt		
			Properties of polygons	Identify the properties of polygons		
March						
Week 27	3	22	Standard International and Imperial units	To identify and practice		
			Monthly test -2			
Week 28	7	23	Mixed numbers and Improper fractions	To recognise mixed and improper improper fractions		
			Subtraction further	To review subtraction		
			Subtracting 4-digit numbers	Practice subtracting 4-digit numbers		
			Adding several numbers	To add several numbers		
Week 29	7		Monthly test -3 and revision			
Week 30			Second term test			
Week 31			Second term test			
April						
Week 32			Paper discussion and report work			
Week 33			Vacation			
			School Reopens - 3rd Term			
Week 34	3	24	Adding and subtracting money	To apply knowledge in adding money		
			Calculations using mental methods	To use mental methods		
Week 35	6	25	Multiplying fractions	To use the concept of multiplying		
			Short Multiplication	To use the concept of multiplying		
			Multiplying	To use the grid method to multiply		
May						
Week 36	7	26	Long multiplication	To use the concept of long multiplication		
			3-place decimal numbers	To recognise 3 decimal places		
			Monthly test-1			
Week 37	7	27	Negative numbers	To identify negative numbers		
			Translation and reflections	To recognise and identify		
			3D shapes	To identify 3D shapes		
			Addition and subtraction	To practice colomn addition and subtraction		
			Adding and subtracting 5-digit numbers	To add and subtract		

Week 38	7	28	Factors	To find factors		
			Fractions	To compare fractions		
			Adding and subtracting fractions	To use the concept of adding and subtracting fractions		
			Short division	To practice division		
			Multiplying 3-and 4-digit numbers	To practice multiplication		
Week 39	7	29	Multiplication and division	To practice multiplication and division		
			Area and perimeter	To use the concept of finding area and perimeter		
			Volume and capacity	Identify and find the volume and the capacity.		
			Area, perimeter ,volume and capacity	To apply the knowledge in using area, perimeter ,volume and capacity		
Week 40	7	30	Fractions ,decimals and percentages	To practice fractions ,decimals and percentages		
			Equivalent fractions and percentages	Recognise and identify		
			Monthly test -2			
			Finding cube numbers	To find the cubic numbers		
			Time tables	To read time tables		
June						
Week 41	7	31	Scaling	To use the concept		
			Using factors to multiply	To use factors to multiply		
			Mixed problems	Evaluate		
			Monthly test-3			
Week 42			Revision and thired term test			
Week 43			Third term test			
Week 44			paper correction			
July						
Week 45			Paper discussion and reportwork			
Week 46			Vacation			