



Pakistan Urdu School- Kingdom of Bahrain
Curriculum Implementation Plan for MATHSGrade V

FIRST TERM

8TH APRIL- 6TH SEPTEMBER [JUNE 8 - AUGUST 28 (SUMMER HOLIDAYS)]

NO OF DAYS : 46 + 11 (exams) = 57 DAYS

No.	Month/Week	Starting Date	Topics from Textbook or Others (Specify Unit Titles and Numbers)	National Curriculum References (Competency, Standards, Themes)	Total Periods
1	APRIL	9/04/18	UNIT#2 Numbers and Arithmetic Operations	STANDARD 1: Numbers and Operations	
			<ul style="list-style-type: none"> Place Value(From Ones till Billions) 	Read numbers up to one billion in numerals and in words	4
			<ul style="list-style-type: none"> Additions (Millions) 	Add numbers of complexity and of arbitrary size	1
			<ul style="list-style-type: none"> Subtractions(Millions) 	Subtract numbers of complexity and of arbitrary size	1
			<ul style="list-style-type: none"> Multiplication (Max. six digits by three digits) 	Multiply numbers ,up to 6 digits nos., by 10,100,1000.and by 2 digits and 3 digits numbers	2
			<ul style="list-style-type: none"> Division Max. Six digits by two digits) 	Divide numbers up to 6 digits, by 2 digits and 3 digits numbers	2
			<ul style="list-style-type: none"> Word Problem 	Solve real life problems involving mixed operations of addition, subtractions, multiplication and division	2
			<ul style="list-style-type: none"> BODMAS 	Recognize BODMAS rule using brackets	2
			<ul style="list-style-type: none"> Assessment 	Test	1
			<ul style="list-style-type: none"> Total 		15 Periods
2	April	30/04/18	Unit#2 H.C.F & L.C.M	STANDARD 1:NUMBERS AND OPERATIONS	
			<ul style="list-style-type: none"> Factors & Multiples 	Differentiate between factors and multiples, prime and composite numbers, even and odd numbers	2

			<ul style="list-style-type: none"> • Test of Divisibility Rule of 2,3,5,6,9 and 10 	Knowing the rules of divisibility	1
			<ul style="list-style-type: none"> • L.C.M By prime Factorization Max. 3 digits numbers 	Find L.C.F of four numbers, up to 2 digits using <ul style="list-style-type: none"> • Prime factorization method • Division method 	2
			<ul style="list-style-type: none"> • H.C.F by prime Factorization Max. Three numbers (each digit consist of two digits) 	Find H.C.F of three numbers, up to 2 digits using <ul style="list-style-type: none"> • Prime factorization method • Division method 	3
			<ul style="list-style-type: none"> • Relation between L.C.M /H.C.F 	Find relationship between L.C.M and H.C.F	1
			<ul style="list-style-type: none"> • Real life problems 	Solve real life problems involving HCF and LCM	2
			<ul style="list-style-type: none"> • Assessment 	test	1
			<ul style="list-style-type: none"> • Total 		12 Periods
3	May	17/05/18	UNIT #8 GEOMETRY	STANDARD 3: MEASUREMENT AND GEOMETRY	
			Angles and its types <ul style="list-style-type: none"> • Acute angle ,right angle ,reflex angle, straight angle 	Recall angles and recognize acute ,right ,obtuse ,straight and reflex angle	2
			<ul style="list-style-type: none"> • Complementary and supplementary angles 	Describe adjacent ,complementary and supplementary angles	1
			<ul style="list-style-type: none"> • Construction of angles with the help of protractor 	Use protractor to construct angles	2
			<ul style="list-style-type: none"> • Construction of triangles given • ASA(angle side angle) • SSS (three sides are given) 	Define a triangle and its types Use of compass and protractor to construct a triangle.	2

			<ul style="list-style-type: none"> • ASSESSMENT 		1
			<ul style="list-style-type: none"> • Total 		8 Periods
4	May/June	29/05/18	UNIT # 9 AREA AND PERIMETER		
			<ul style="list-style-type: none"> • Perimeter of a composite shape 	Recognize region of a closed figure	2
			<ul style="list-style-type: none"> • Area and perimeter of a square 	<ul style="list-style-type: none"> • Learn and write the formula of a perimeter and area of a square • Solve appropriate problems of perimeter and area 	4
			<ul style="list-style-type: none"> • ASSESSMENT 		1
			<ul style="list-style-type: none"> • Total 		7 Periods
4	August	28/08/18	REVISION	First term portion	4 Periods
				TOTAL	46 PERIODS



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SECOND TERM

23RD SEPTEMBER – 11TH DECEMBER

NO OF PERIODS : 45 + 11 (exams)= 56 DAYS

No.	Month/Week	Starting Date	Topics from Textbook or Others (Specify Unit Titles and Numbers)	National Curriculum References (Competency, Standards, Themes)	Total Periods
1	September.	23/09/18	UNIT# 4 FRACTION.	STANDARD 1: NUMBERS AND OPERATIONS	
			<ul style="list-style-type: none"> Definition and its types 	Identifying the types of fraction	3
			<ul style="list-style-type: none"> Addition and Subtraction of like and unlike denominator 	Add and subtract two or more fraction with different denominators	4
			<ul style="list-style-type: none"> Word problems related to addition and subtraction of fraction 	Solve real life problems involving add and sub. of fraction	2
			<ul style="list-style-type: none"> Multiplication and division of fraction 	Multiply and divide two or more fraction involving proper , improper and mixed fraction	3
			<ul style="list-style-type: none"> BODMAS 	Simplify expressions involving fraction using BODMAS rule	3
			<ul style="list-style-type: none"> Assessment 		1
			<ul style="list-style-type: none"> Total 		16 Periods
2	October	15/10/18	UNIT #5 DECIMAL FRACTION AND PERCENTAGE		
			<ul style="list-style-type: none"> Introduction 	Recognize like and unlike decimals	2
			<ul style="list-style-type: none"> Addition and Subtraction of Decimal fraction 	Add and subtract decimals	2
			<ul style="list-style-type: none"> Conversion of units ✓ Length: cm, m, km 	Conversion unit from big to small and vice versa	3

			<ul style="list-style-type: none"> ✓ Mass : kg and g ✓ Volume : ml and lit. 		
			<ul style="list-style-type: none"> • Multiplication 	<p>Multiply decimal by</p> <ul style="list-style-type: none"> ✓ Whole numbers ✓ Tenth and hundredths ✓ Decimal (3 d.p) 	2
			<ul style="list-style-type: none"> • Division 	<p>Divide decimal by</p> <ul style="list-style-type: none"> ✓ Whole number ✓ Tenth ,hundredth and thousandths (direct division by moving decimal position) ✓ Decimal (by converting decimals to fraction) ✓ Fractions into decimals 	3
			<ul style="list-style-type: none"> • BODMAS 	Apply BODMAS rules to decimals.	2
			<ul style="list-style-type: none"> • Converting decimal fraction to fraction and vice versa 	Practicing rounding off to a given decimal place (nearest 10,100 and whole number)	1
			<ul style="list-style-type: none"> • Word problems 	Solve real life problems involving decimals	2
			<ul style="list-style-type: none"> • Assessment 		1
			<ul style="list-style-type: none"> • Test 		18 Periods
3		8/11/18	UNIT # 8 GEOMETRY	STANDARD 3: Measurement and geometry	
			<p>Types of Quadrilaterals Construction</p> <ul style="list-style-type: none"> ✓ Rectangle ✓ Square ✓ Triangle .SAS(two sides and included angle) 	<p>Recognize the kinds of quadrilateral Use protractor ,ruler and compass to construct square and rectangle with given side</p>	3
			UNIT # 9 Area and Perimeter of a Rectangle	Apply formula to find area and perimeter of a rectangle	3

			• Assessment		1
			• Total		7 Periods
4	November	21/11/18	REVISION	Second term portion	4 Periods
				TOTAL	45 PERIODS



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THIRD TERM

30TH DECEMBER – 24TH MARCH

NO OF PERIODS : 47 + 11(exams)= 58 DAYS

No.	Month/Week	Starting Date	Topics from Textbook or Others (Specify Unit Titles and Numbers)	National Curriculum References (Competency, Standards, Themes)	Total Periods
1	December	30/12/18	UNIT #5 DECIMAL FRACTION AND PERCENTAGE	STANDARD 1: NUMBERS AND OPERATIONS	
			• Percentage	Recognize percentage as a special kind of fraction	2
			• Conversion: fraction into % and vice versa	Convert percentage to fraction , to decimal and vice versa	2
			• Conversion : decimal fraction into % and vice versa		1
			• Words Problems related to percentages	Solve real life problems involving percentages	2
			• Assessment		1
			• Total		8 Periods

2	January	10/01/19	UNIT # 6 Measurement <ul style="list-style-type: none"> • Length <ul style="list-style-type: none"> ✓ Units (km, m, cm, mm) ✓ Conversion of units ✓ Addition and subtraction ✓ Word problems related to length • Time <ul style="list-style-type: none"> ✓ Units (hrs ,min, sec) ✓ Conversion of units. ✓ Word problems related to time • Temperature <ul style="list-style-type: none"> ✓ Units (Celsius , Fahrenheit) ✓ Conversion of units 	<p>Convert km to m , m to cm , cm to mm and vice versa</p> <p>Add and subtract unit of length Solve real life problems involving unit of length</p> <p>Convert hr to min , min to sec and vice versa Convert yrs to months, months to days weeks to days and vice versa Add and sub. Unit of time with carrying and borrowing</p> <p>Recognize unit of temp. in $^{\circ}\text{F}$ and $^{\circ}\text{C}$</p>	<p>7</p> <p>7</p> <p>3</p>
			<ul style="list-style-type: none"> • Assessment 		1
			<ul style="list-style-type: none"> • Total 		18 Periods
3	February	7/02/19	UNIT # 7 UNITARY METHOD: Ratio & Proportion.	STANDARD 1 : NUMBERS AND OPERATIONS	
			<ul style="list-style-type: none"> • Unitary Method 	Describe the concept of unitary method	2
			<ul style="list-style-type: none"> • Direct and Inverse proportion 	Define ratio of two numbers Define and identify direct and inverse proportion. Solve real life problems involving direct and inverse proportion	5

			<ul style="list-style-type: none"> • Assessment 		1
			<ul style="list-style-type: none"> • Total 		8 Periods
	February	19/02/18	UNIT # 10 INFORMATION HANDLING	STANDARD 4 : INFORMATION HANDLING	
			<ul style="list-style-type: none"> • Average 	Define an average (arithmetic mean). Find average of a given numbers Solve real life problems involving average	4
			<ul style="list-style-type: none"> • Bar / Column Graph 	Read and interpret a simple bar graph.	3
			<ul style="list-style-type: none"> • Assessment 		1
			<ul style="list-style-type: none"> • Total 		8 Periods
5	March	03/03/19	REVISION	Third term portion	5 Periods
			Total		47 Periods