



Pakistan Urdu School- Kingdom of Bahrain
Curriculum Implementation Plan for Mathematics Grad VI

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	9.4.2018	1.Sets	Standard 1. Numbers and operations	
			<ul style="list-style-type: none"> Define set. 	Recognize set & Set Notations	2
			<ul style="list-style-type: none"> Set representation 	Tabular method, descriptive method, set-builder method	2
			<ul style="list-style-type: none"> Types of set 	Finite and infinite Empty set Singleton ,subset, superset	3
			<ul style="list-style-type: none"> Assessment 		1
			<ul style="list-style-type: none"> Total 		8 Periods
2	April	19.4.2018	2.Whole Numbers	Standard 1. Numbers and operations	
			<ul style="list-style-type: none"> Define whole numbers Notation of whole and natural numbers 	Natural and whole numbers and their notation	1
			<ul style="list-style-type: none"> Number line 	Represent numbers on number line	1
			<ul style="list-style-type: none"> Properties of addition and subtraction 	Verify commutative and associative law .	1
			<ul style="list-style-type: none"> Properties of multiplication and division 	Verify commutative and associative law.	1

			<ul style="list-style-type: none"> • Distributive law 	Numbers and operations Distributive law of multiplication over addition	1
			<ul style="list-style-type: none"> • Assessment 		1
			<ul style="list-style-type: none"> • Total 		6 Periods
3	April	29.4.2018	3. Factors & Multiples	Standard 1. Numbers and operations	

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			<ul style="list-style-type: none"> • Factor and multiples 	Define a factor and multiple	2
			<ul style="list-style-type: none"> • Test for divisibility 	Test by inspection 2,3,4,5,6,8,9,10,11,12,15,25	2
			<ul style="list-style-type: none"> • Factorization 	Prime factorization Index notation factorize	2
			<ul style="list-style-type: none"> • HCF 	Prime factorization Long division method	2
			<ul style="list-style-type: none"> • LCM 	Prime factorization division method	2
			<ul style="list-style-type: none"> • Applications for HCF and LCM 	Solve real life problems	2
			<ul style="list-style-type: none"> • Assessment 		1
			<ul style="list-style-type: none"> • Total 		13 Periods
4	May	17.5.2018	4.Integers	Standard 1. Numbers and operations	

			<ul style="list-style-type: none"> Integers 	Natural numbers, positive integers and negative integers	1
			<ul style="list-style-type: none"> Ordering of integers 	Represent into number line	1
			<ul style="list-style-type: none"> Absolute or numerical value of an integers 	Absolute or numerical value Ascending and descending order	1
			<ul style="list-style-type: none"> Addition and subtraction of integers 	Sum of two negative integers Difference of two positive integers.	2
			<ul style="list-style-type: none"> Multiplication and division of integers 	Product of two integers like sign is a positive integers Product of two integers of unlike signs is a negative integer. Division of integer by 0 is not possible.	2
			<ul style="list-style-type: none"> Assessment 		1
			<ul style="list-style-type: none"> Total 		8 Periods
5	May	29.5.2018	10.Geometry	Standard 3.Measurement and Geometry	
			<ul style="list-style-type: none"> Line segments 	Add measures of two or more line segments.	2
			<ul style="list-style-type: none"> Construction of angles 	Construct angle 30,60,90,120,105,45.	2
			<ul style="list-style-type: none"> Bisect the angle 	Bisect angle. divide angle into four parts.	2
			<ul style="list-style-type: none"> Assessment 		1
			<ul style="list-style-type: none"> Total 		7 Periods
6	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	23.9.2018	5. Simplifications	Standard 1. Numbers and operations	
			<ul style="list-style-type: none"> BODMAS rule 	Recognize the type & order of brackets	2
			<ul style="list-style-type: none"> Simplification of mathematical expression 	Simplify the sums by following the order in which the operation	2
			<ul style="list-style-type: none"> Words problems 	Real life problems	2
			<ul style="list-style-type: none"> Assessment 		1
			<ul style="list-style-type: none"> Total 		7 Periods
2	October	02.10.2018	6. Ratio & operations	Standard 1. Numbers and operations	
			<ul style="list-style-type: none"> Ratio 	Define ratio Ratio has no unit. Reduce ration into lowest term. Relationship between ratio and fraction.	4
			<ul style="list-style-type: none"> Proportion 	Equality of two ratios Define proportion Direct and inverse proportion Real life problems of direct and inverse proportion.	6

			<ul style="list-style-type: none"> • Assessment 		1
			<ul style="list-style-type: none"> • Total 		11 Periods
3	October	17.10.2018	7. Financial Arithmetic	Standard 1. Numbers and operations	
			<ul style="list-style-type: none"> • Percentage 	Identify the percentage Converting decimal and fraction into percentage.	3
			<ul style="list-style-type: none"> • Percentage increase and decrease 	Increase or decrease of a quantity by a given percentage. Words problem.	6
			<ul style="list-style-type: none"> • Assessment 		1
			<ul style="list-style-type: none"> • Total 		10 Periods
4	October	31.10.2018	10. Geometry	Standard 3.Measurement and Geometry	
			<ul style="list-style-type: none"> • Construction of triangles 	Types of triangles Construction of equilateral triangle. Isosceles triangle and right triangle.	3
			<ul style="list-style-type: none"> • Assessment 		1
			<ul style="list-style-type: none"> • Total 		4 Periods
5	November	6.11.2018	11. Perimeter & Area	Standard 3.Measurement and Geometry	
			<ul style="list-style-type: none"> • Perimeter and area 	Definition of perimeter and area	3 periods

			<ul style="list-style-type: none"> Rectangle and square 	Finding perimeter area of rectangle and square	2
			<ul style="list-style-type: none"> Area of composite shapes 	Find the area by splitting shapes	1
			<ul style="list-style-type: none"> Area of a path of rectangle or square 	Determine the shaded and unshaded path	1
			<ul style="list-style-type: none"> Area of triangle and parallelogram 	Find the area of triangle and parallelogram	
			<ul style="list-style-type: none"> Assessment 		1
			<ul style="list-style-type: none"> Total 		9 Periods
6	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	Dec	30.12.2018	7. Financial Arithmetic	Standard 1. Numbers and operations	

			<ul style="list-style-type: none"> Profit, loss, discount 	Define selling price and cost price Profit, loss, discount Profit% and loss%	4
			<ul style="list-style-type: none"> Words problems 	Real life problems involving profit and loss percentage	2
			<ul style="list-style-type: none"> Assessment 		1
			<ul style="list-style-type: none"> Total 		7 Periods
2	January	8.01.2019	8.Introduction to Algebra	Standard 2. Algebra	
			<ul style="list-style-type: none"> Algebra 	Variable as letter statement open sentence numerals, variable	3
			<ul style="list-style-type: none"> Algebraic expression 	Term of expression Constant term Like and unlike terms Add and subtract of algebraic expressions Algebraic expression	5
			<ul style="list-style-type: none"> Assessment 		1
			<ul style="list-style-type: none"> Total 		9 Periods
3	January	21.01.2019	9. Linear Equation	Standard 2. Algebra	
			<ul style="list-style-type: none"> Algebraic expression 	Algebraic equation Differentiate between equation and an expression. Converting decimal and fraction into percentage.	4
			<ul style="list-style-type: none"> Linear equation 	Linear equation Construct linear equation Simple linear equation	7

				Real life problems involving linear equation.	
			<ul style="list-style-type: none"> Assessment 	Linear equation	1
			<ul style="list-style-type: none"> Total 		12 Periods
4	Feb	3.02.2019	12. Three dimensional Solids	Standard 3.Measurement and Geometry	
			Volume and surface area	Identify 3D figure Recognize units Surface area and volume of cube and cuboid Real life problems	6 periods
			Assessment		1
			Total		7 Periods
5	February	10.02.2019	13. Information Handling		
			<ul style="list-style-type: none"> Types of data 	Data and Data collection Grouped and ungrouped data	2
			<ul style="list-style-type: none"> Bar graph 	Horizontal and vertical bar graph	2
			<ul style="list-style-type: none"> Pie graph 	Read pie graph	2
			<ul style="list-style-type: none"> Assessment 	Information handling	1
			<ul style="list-style-type: none"> Total 		7 Periods
6	March	03/03/2019	REVISION	Third term portion	5 Periods
			TOTAL		47 PERIODS

