



Pakistan Urdu School- Kingdom of Bahrain
Curriculum Implementation Plan for Mathematics - Grade IX Arts

1st Term

No.	Month/Week	Starting Date	Topics from Textbook or Others (Specify Unit Titles and Numbers)	National Curriculum References (Competency/Standards/Themes)	Total Periods
Unit 1 : Percentage , Ratio and Proportion					
1	April	08-04-18	Percentage	Number and operation (S1) <ul style="list-style-type: none"> • Compute fluently with fractions and decimals 	13
2			Ratio		
3			Proportion	Number and operation <ul style="list-style-type: none"> • Identify numbers and apply operation in various situations 	
4			Compound proportion		
Unit 2 : Zakat , Ushr and Inheritance					
5	April	25-04-18	Zakat	Number and operation (S1) <ul style="list-style-type: none"> • Identify numbers, ways of representing numbers and effects of operation in various situations 	4
6			Ushr		
7			Inheritance		
Unit 3 : Business Mathematics					
8	May	02-05-18	Profit and Loss	Number and operation (S1) <ul style="list-style-type: none"> • Identify numbers, ways of representing numbers and effects of operation in various situations 	11
9			Discount		
10			Business partnership		
Unit 4: Financial Mathematics					
11	May	17-05-18	Commercial Banking	Number and operation (S1) <ul style="list-style-type: none"> • Identify numbers, ways of representing numbers and effects of operation in various situations 	6
12			Exchange of currencies		

2nd Term

No.	Month/Week	Starting Date	Topics from Textbook or Others (Specify Unit Titles and Numbers)	National Curriculum References (Competency/Standards/Themes)	Total Periods
Unit 4: Financial Mathematics (Cont.)					
13	September	19-09-18	Profit/ Markup	Number and operation (S1) <ul style="list-style-type: none"> • Compute fluently with fraction, decimal and percent's 	16
14			Insurance		
15			Leasing / Finance		
Unit 5 : Consumer Mathematics					
16	October	01-10-18	Taxes	Number and operation (S1) <ul style="list-style-type: none"> • Compute fluently with fraction, decimals and percent's 	7
17			Utility bills		
18			Personal income		
Unit 6 : Exponents and Logarithms					
19	October	10-10-18	Radicals and Radicands	Algebra (S2) <ul style="list-style-type: none"> • Analyze number patterns and interpret mathematical situation by manipulating algebraic expression and relations 	18
20			Laws of Exponents		
21			Scientific Notation		
22			Logarithm	Algebra <ul style="list-style-type: none"> • Model and solve contextualized problems 	
23			Laws of Logarithm		
24			Application of Logarithm		

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Unit 7 : Arithmetic and Geometric Sequences					
25	November	05-11-10	Sequence	Measurements and Geometry (S3) <ul style="list-style-type: none"> Analyze characteristics and properties 	12
26			Arithmetic sequence		
27			Arithmetic mean		
28			Geometric Sequence		
29			Geometric Mean		

3rd Term

No.	Month/Week	Starting Date	Topics from Textbook or Others (Specify Unit Titles and Numbers)	National Curriculum References (Competency/Standards/Themes)	Total Periods
Unit 8 : Sets and Functions					
30	January	02-01-19	Operations on Sets	Number and operation (S1) <ul style="list-style-type: none"> Identify numbers and effects of operations in various situation 	5
31			Binary Relation		
32			Function		
Unit 9 : Linear Graphs					
33	January	09-01-19	Cartesian plan and linear Graphs	Measurements and Geometry (S3) <ul style="list-style-type: none"> Recognize identities ,draw and interpret graphs 	4
34			Conversion Graphs		
Unit 10 : Basic Statistics					
35	January	20-01-19	Frequency distribution	Information Handling (S4) <ul style="list-style-type: none"> Collect and organize data 	12
36			Cumulative frequency		
37			Measure of Central Tendency	Information handling <ul style="list-style-type: none"> Analyze , display and interpret data / information 	
38			Measure of Dispersion		