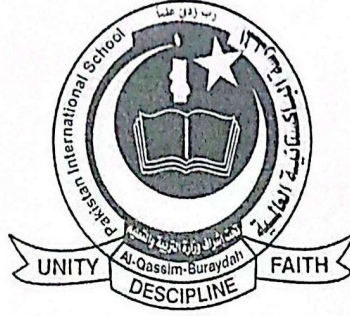


PAKISTAN INTERNATIONAL SCHOOL BURAIDAH,
AL-QASSIM. SAUDI ARABIA.



MATH SYLLABUS

CLASS

VII

PAKISTAN INTERNATIONAL SCHOOL, BURAIDAH
SYLLABUS BREAKUP

Class: Std VII(A+B) Subject: Mathematics

Number of Teaching Weeks in First Term: (1 - 14)

Number of Teaching Weeks in Second Term: (15 - 28)

Name of Text Book: **CAMBRIDGE TEXTBOOK OF MATHEMATICS**

Week No.	Chapter No.	Day	Topic	Book Page Numbers
1	1	Day 1	L#1, Rational numbers, Ex.1a (Q1,2)	Pg#5
		Day 2	Ex.1a (Q3-6)	Pg#5
		Day 3	Ex.1a (Q7-10)	Pg#5
		Day 4	Ex.1b (Q1,2)	pg#7
2	1	Day 1	Ex.1b (Q3,4,5)	pg#7
		Day 2	Ex.1b (Q6,7,8)	pg#7
		Day 3	Ex.1c (Q1,2)	pg#7
		Day 4	Ex.1c (Q3,4)	pg#7
3	2	Day 1	Review Exercise 1 (MCQs)	pg#9,10
		Day 2	L#2, Laws of Operations, Ex.2a (Q1,2)	Pg#14
		Day 3	Ex.2a Q3,4	pg#14
		Day 4	Ex.2a Q5,6,7	pg#15
4	2	Day 1	Ex.2a(Q8,9,10,11)	pg#15
		Day 2	Ex.2b (Q1, i-vi)	pg#18
		Day 3	Ex.2b (Q2, i-iv)	pg#18
		Day 4	Ex.2b (Q3,4,5)	pg#18,19
5	2	Day 1	Ex.2c (Q1,2,3,4)	pg#20
		Day 2	Ex.2d (Q1,2)	pg#23
		Day 3	Ex.2d (Q3,4,5)	pg#23
		Day 4	Ex.2e (Q1-5)	pg#24

Week No.	Chapter No.	Day	Topic	Book Page Numbers
6	3	Day 1	Review Exercise 2 (MCQs)	pg#25
		Day 2	L#3, Square & Square Root, Ex.3a (Q1,2)	pg#29
		Day 3	Ex.3b (Q1,2,3)	pg#32
		Day 4	Ex.3b (Q4-7)	pg#32
7	3	Day 1	Ex.3c (Q1,i-iv)	Pg#37
		Day 2	Ex.3c (Q2, i-v)	Pg#37
		Day 3	Ex.3c (Q3, i-iv)	Pg#37
		Day 4	Ex.3d (Q1-4)	Pg#37
8	3+4	Day 1	Ex.3d (Q5-7)	Pg#37
		Day 2	Review Exercise 3 (MCQs)	pg#38,39
		Day 3	L#4, Rate,Ratio & Percentage, Ex.4a (Q1, i-v)	pg#44
		Day 4	Ex.4a (Q2, i-v)	pg#44
9	4	Day 1	Ex.4a (Q3,4,5)	pg#44
		Day 2	Ex.4b (Q1,2)	pg#45
		Day 3	Ex.4b (Q3-6)	pg#45
		Day 4	Ex.4c (Q1,2,3)	pg#47
10	4	Day 1	Ex.4c (Q4-7)	pg#47
		Day 2	Ex.4d (Q1-5)	pg#49
		Day 3	Ex.4e (Q1,i-v)	pg#52
		Day 4	Ex.4e (Q2,3)	pg#52
11	4+5	Day 1	Ex.4f (Q1-5)	Pg#54
		Day 2	Ex.4g (Q1-4)	pg#56
		Day 3	Review Exercise 4	pg#56,57
		Day 4	L#5, Financial Mathematics, Ex.5a (Q1,2,3)	pg#61

Week No.	Chapter No.	Day	Topic	Book Page Numbers
12	5	Day 1	Ex.5a (Q4-6)	pg#61
		Day 2	Ex.5b (Q1-4)	pg#64
		Day 3	Ex.5c (Q1-5)	pg#65
		Day 4	Review Exercise 5	pg#66,67
13	6	Day 1	L#6, Sets, Ex.6a (Q1,2,3)	pg#74
		Day 2	Ex.6a (Q4,5)	pg#74
		Day 3	Ex.6b (Q1,2)	pg#78
		Day 4	Ex.6b (Q3,4)	pg#78
14	6+7	Day 1	Ex.6c (Q1-4)	pg#81
		Day 2	Ex.6d (Q1,2)+ MCQs	pg#84,85
		Day 3	L#7, Algebraic Expressions, Ex.7a (Q1-5)	pg#90
		Day 4	Ex. 7b (Q1,2,3)	pg#94
15	7	Day 1	Ex.7c (Q1,2)	Pg#96
		Day 2	Ex.7d (Q1,2)	pg#98
		Day 3	Ex.7e (Q1,2,3)	pg#100
		Day 4	Ex.7f (Q1-4)	pg#101
16	7	Day 1	Ex.7g (Q1,i-vi)	pg#102
		Day 2	Ex.7h (Q1,2)	pg#103
		Day 3	Ex.7h (Q3,4)	pg#103
		Day 4	Revision Exercise 7	pg#104
17	8	Day 1	L#8,Albebraic expressions & inequalities,Ex.8a (Q1)	pg#110
		Day 2	Ex.8a (Q2)	pg#110
		Day 3	Ex.8a (Q3-6)	pg#110
		Day 4	Ex.8b (Q1)	pg#113

Week No.	Chapter No.	Day	Topic	Book Page Numbers
18	8	Day 1	Ex.8b (Q2-5)	pg#113
		Day 2	Ex.8c (Q1,i-v)	pg#114
		Day 3	Ex.8c (Q2,i-v)	pg#114
		Day 4	Ex.8d (Q1-4)	pg#116
19	8	Day 1	Ex.8d (Q5-8)	pg#116
		Day 2	Ex.8e (Q1,i-v)	pg#118
		Day 3	Ex.8e (Q2,i-v)	pg#118
		Day 4	Review Exercise 8	pg#118,119
20	9	Day 1	L#9, Coordinate Geometry, Ex.9a (Q1)	pg#122
		Day 2	Ex.9a (Q2)	pg#122
		Day 3	Ex.9b (Q1)	pg#123
		Day 4	Ex.9b (Q2,3,4)	pg#124
21	10	Day 1	Review Exercise 9	pg#124,125
		Day 2	L#10, Quadrilaterals, Ex.10a (Q1,2)	pg#132
		Day 3	Ex.10b (Q1,2,3)	pg#135
		Day 4	Ex.10b (Q4-7) + MCQs	pg#136
22	11	Day 1	L#11, Polygons, Ex.11a (Q1,2)	pg#143
		Day 2	Ex.11b (Q1-5)	pg#144
		Day 3	Ex.11c (Q1-3)	pg#147
		Day 4	Ex.11c (Q4,5) + MCQs	pg#147,148
23	12	Day 1	L#12, Transformations, Ex.12a (Q1,2,3)	pg#155,156
		Day 2	Ex.12a (Q4,5,6)	pg#156
		Day 3	Ex.12b (Q1)	pg#157
		Day 4	Ex.12c (Q1,2)	pg#159

Week No.	Chapter No.	Day	Topic	Book Page Numbers
24	12+13	Day 1	Ex.12c (Q3,4) + MCQs	pg#159,160
		Day 2	L#13, Surface area and Volume, Ex.13a (Q1-4)	pg#164
		Day 3	Ex.13a (Q5-9)	pg#164
		Day 4	Ex.13b (Q1,2)	pg#167
25	13	Day 1	Ex.13b (Q3, Area)	pg#167,168
		Day 2	Ex.13c (Q1, i-vi)	pg#169
		Day 3	Ex.13d (Q1,2,3 volume of cylinder)	pg#172
		Day 4	Ex.13e (Q1-5)	pg#173
26	13+14	Day 1	Ex.13e (Q6-12)	pg#173
		Day 2	Ex.13f (Q1,2,3) + MCQs	pg#175,176
		Day 3	L#14, Measurement, Ex.14a (Q1,2,3,4)	pg#182
		Day 4	Ex.14b (Q1-6 speed, time, distance,) + MCQs	pg#185,186
27	15	Day 1	L#15, Data handling, Ex.15a(Q1-4, data, frequency data)	pg#192,193
		Day 2	Ex.15b, (Q1,2,3)	pg#194,195
		Day 3	Ex.15c (Q1,2,3, graph)	pg#197
		Day 4	Ex.15d (Q1,2,3, histogram)	pg#200
28	16+17	Day 1	Ex.15e (Q1-4, pie charts) + MCQs	pg#203,204
		Day 2	L#16, Central Tendency, Ex.16a (Q1-5) + MCQs	pg#211,212
		Day 3	L#17, Probability, Ex.17a (Q1-5)	pg#217
		Day 4	Review Exercise 17	pg#218