

PAKISTAN INTERNATIONAL SCHOOL, BURAIDAH

SYLLABUS BREAKUP

Class: VIII-O'Level

Subject: Mathematics

Number of Teaching weeks in First Term (1-17)

Number of Teaching weeks in Second Term (18-34)

Name of Textbook: Complete Mathematics (Extended) Fifth Edition by David Rayner

Week No.	Chapter No.	Day	Topic	Book Page Numbers
1	1	Day 1	Arithmetic	2
		Day 2	Arithmetic	2
		Day 3	Fractions	4
		Day 4	Fractions	4
2	1	Day 1	Number facts and sequences	5
		Day 2	Number facts and sequences	5
		Day 3	Approximation and estimations	5
		Day 4	Test	
3	1	Day 1	Rational and Irrational Numbers	9
		Day 2	Sequence the nth term	11
		Day 3	Finding the nth term	.12-13
		Day 4	Measurements and bounds	15-17
4	1	Day 1	Standard form	19
		Day 2	Ratio and proportion	21-22

		Day 3	Ratio and proportion	223
		Day 4	Test	
5	1	Day 1	Foreign Exchange	24
		Day 2	Map Scales	26-27
		Day 3	Percentage	28-29
		Day 4	Percentage	30
6	1	Day 1	Percentage Increase or decrease	31-32
		Day 2	Compound Interest	33-34
		Day 3	Income Tax	35
		Day 4	Test	
7	1	Day 1	Speed distance and time	35-38
		Day 2	Speed distance and time	39
		Day 3	Mixed Problems	40
		Day 4	Mixed Problems	41
8	2	Day 1	Negative number	55
		Day 2	Negative number	56
		Day 3	Directed numbers	57
		Day 4	Test	
9	2	Day 1	Formulae	58-61
		Day 2	Formulae	62-63
		Day 3	Bracket and simplifying	64-66

		Day 4	linear equations	68-69
10	2	Day 1	linear equations	70-71
		Day 2	Problem solving by linear equation	72
		Day 3	Problem solving by linear equation	73-74
		Day 4	Test	
11	2	Day 1	Simltaneous equations	77-79
		Day 2	Elimination Methode	80
		Day 3	Factorising	84-85
		Day 4	Factorising	85
12	2	Day 1	Factorising	86
		Day 2	Quadratic Equation	87
		Day 3	The difference of two squares	88
		Day 4	Test	
13	2	Day 1	Solution by formulae	90
		Day 2	Solution by completing the square	92
		Day 3	Problems solving by quadratic eq	94
		Day 4	Problems solving by quadratic eq	96
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17		Day 1	Revision	
		Day 2	Revision	
		Day 3	Revision	
		Day 4	Revision	
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		Day 3	Volume	120
		Day 4	Pyramid	121
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		Day 3	Surface area	127

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		Day 3	Polygon	139
		Day 4	Polygon	140
21	4	Day 1	Parallel lines	141
		Day 2	Pythagoras theorem	142
		Day 3	Pythagoras theorem	143
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