

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



MATH
SYLLABUS
CLASS V

PAKISTAN INTERNATIONAL SCHOOL, BURAIDAH
SYLLABUS BREAKUP

Class: 5th Subject :Mathematics

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

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

Name of Text Book: Primary Standard Mathematics 5 (Cambridge School Series)

Week No.	Chapter No.	Day	Topic	Book Page Numbers
1	Unit 1 Whole Numbers and Operations	Day 1	Number up to one million	7
		Day 2	EXERCISE (1a)	9
		Day 3	Addition and Subtraction	10
		Day 4	EXERCISE (1b)	12
2		Day 1	Multiplication	13
		Day 2	Division	16
		Day 3	EXERCISE (1c)	20
		Day 4	Number patterns	20
3		Day 1	Increasing and Decreasing patterns	21
		Day 2	EXERCISE (1d)	23
		Day 3	Review EXERCISE (1)	24
		Day 4	UNIT TEST 1	
4	Unit 2 Highest Common Factor (HCF) and Least Common Multiple (LCM)	Day 1	Factors	28
		Day 2	Prime Factors	28
		Day 3	HCF of two or three numbers up to 2-digit numbers	29
		Day 4	Prime factorization Method	29
5		Day 1	Division Method	30
		Day 2	EXERCISE (2a)	31
		Day 3	least Common Multiple	32
		Day 4	LCM of two or three number up to 2-digit numbers	32

Week No.	Chapter No.	Day	Topic	Book Page Numbers
6		Day 1	Prime factorization Method	32
		Day 2	Division Method	33
		Day 3	EXERCISE (2b)	34
		Day 4	Review EXERCISE (2)	35
7	Unit 3 Fractions	Day 1	UNIT TEST 2	
		Day 2	Addition and Subtraction	38
		Day 3	Addition of fractions	38
		Day 4	Subtraction of fractions	41
8		Day 1	EXERCISE (3a)	42
		Day 2	Multiplication of Factions	43
		Day 3	Multiplication of fraction by 1-digit number	43
		Day 4	Multiplication of fraction by another fraction	45
9		Day 1	EXERCISE (3b)	47
		Day 2	Division of Fractions	48
		Day 3	Division of fractions by another fraction involving proper,improper fractions and mixed numbers	48
		Day 4	EXERCISE (3c)	50
10	Unit 4 Decimal numbers and Percentages	Day 1	Review EXERCISE 3	53
		Day 2	UNIT TEST 3	
		Day 3	Decimal Numbers	55
		Day 4	Comparsion of decimal numbers	55
11		Day 1	Ascending and descending order of decimal numbers	57
		Day 2	Addition and Subtraction of decimal number	58
		Day 3	Multiply a 3-digit number up to 2-decimal places by 10,100 and 1000	62
		Day 4	Multiply a 3-digit number up to 2-decimal places by a whole number up to 2-digit	63

Week No.	Chapter No.	Day	Topic	Book Page Numbers
12		Day 1	Multiply a 3-digit number up to 2-decimal places by a 3-digit number up to 2-decimal places	64
		Day 2	Divide a 3- digit number up to 2-digit number up to 2- decimal places by 10,100 and 1000	65
		Day 3	Divide a 3- digit number up to 2-digit number up to 2- decimal places by whole number up to 2-digit	66
		Day 4	Divide a 3-digit number up to 2-digit number up to 2-decimal places by 2-digit number up to 1-	68
13		Day 1	Convert fractions to decimal using division	68
		Day 2	EXERCISE (4a)	70
		Day 3	Estimation	71
		Day 4	Rules for rounding off a decimal number	71
14		Day 1	EXERCISE (4b)	73
		Day 2	Recognize percentage as a special kind of fraction	74
		Day 3	Conversion of percentages to fraction ,fraction to decimal number and vice versa	74,75,76
		Day 4	EXERCISE (4c)	77
15	Unit 5 Distance and Time	Day 1	Review EXERCISE 4	78
		Day 2	UNIT TEST 4	
		Day 3	Distance	82
		Day 4	Conversion of measure of distance	82
16		Day 1	Addition and Subtraction of measure of distance	85
		Day 2	EXERCISE (5a)	87
		Day 3	Conversion of measure of time	88
		Day 4	Conversion of years to months,months to days,weeks to days and vice versa	89
17		Day 1	Addition and subtraction of interval of time in hours and minutes with carrying/borrowing	92
		Day 2	Exercise (5b)	93
		Day 3	Exercise (5b)	93
		Day 4	Review Exercise (5)	94

Week No.	Chapter No.	Day	Topic	Book Page Numbers
18	Unit 6 Unitary Method	Day 1	Recognize of straight and reflex angle	103
		Day 2	The standard units of measuring angles Identity, describe and estimate the size of angles	103
		Day 3	Estimation of angles without using protractor	105
		Day 4	Classification of angles	106
19		Day 1	Comparison of angles with right angles	108
		Day 2	Use protractor and ruler to construct a right angle, a straight angle and reflex angle of different	108
		Day 3	Describe adjacent, complementary and supplementary angles	111
		Day 4	Exercise (7a)	112
20		Day 1	Triangles	114
		Day 2	Triangles with respect to their sides	115
		Day 3	Triangles with respect to their angles	115
		Day 4	Use protractor and ruler to construct a triangles, when two angles and their included sides	116
21		Day 1	Use protractor and ruler to construct triangle, when two angles and their included	118
		Day 2	Measurement of the length of remaining sides and angles of triangle	118
		Day 3	Exercise (7b)	119
		Day 4	Exercise (7b)	119
22		Day 1	Quadrilaterals	121
		Day 2	Kinds of quadrilaterals	121
		Day 3	Use protractor and ruler to construct square and rectangle when length of sides are given	122
		Day 4	Exercise (7c)	123
23		Day 1	Symmetry	124
		Day 2	Reflexive symmetry	124
		Day 3	Rotational symmetry	125
		Day 4	Identification of lines of symmetry in 2-D shapes	126

Week No.	Chapter No.	Day	Topic	Book Page Numbers
24		Day 1	Exercise (7d)	128
		Day 2	Exercise (7d)	129
		Day 3	Three dimensional (3-D) Objects	131
		Day 4	Net of cubes, Net of cuboid, Net of pyramid	131
25		Day 1	Describe and make 3-D objects	132
		Day 2	Exercise (7e)	134
		Day 3	Review Exercise (7)	135
		Day 4	Review Exercise (7)	136
26		Day 1	Perimeter of square and rectangular region	142
		Day 2	Area of square and rectangular region	143
		Day 3	Differentiate between perimeter and area of square and rectangular regions	145
		Day 4	Exercise (8a)	146
27	Unit 9 Data Handling	Day 1	Exercise (8a)	146
		Day 2	Review Exercise (8)	147
		Day 3	Average	150
		Day 4	Exercise (9a)	151
28		Day 1	Organize data by drawing bar graph	152
		Day 2	Reading and interpreting simple bar graph given in horizontal and vertical form.	154
		Day 3	Exercise (9b)	156
		Day 4	Review Exercise (9)	157