

**THE WISDOM GLOBAL SCHOOL**

**SYLLABUS BIFURCATION**

**GRADE - 8**

**SUBJECT:- MATHEMATICS**

**NAME OF THE TEACHER:- MS SHWETA ARORA**

S.NO	BOOK	MONTH	CHAPTER NUMBER	CHAPTER NAME	SUB-TOPICS	NO. OF DAYS REQUIRED	ACTIVITY / PROPS	SMART BOARD ( PPT/V EDEO)	CHARTS
1	NUMBER MAGIC	APRIL	1	RATIONAL NUMBERS	INTRODUCTION	1	NO	PPT	YES
2					ADDITION	1	YES	PPT	NO
3					SUBTRACTION	1	NO	PPT	NO
4					MULTIPLICATION	1	NO	PPT	NO
5					MULTIPLICATION	1	YES	PPT	NO
6					DIVISION	1	YES	PPT	NO
7					DIVISION	1	NO	PPT	NO
8					DIVISION	1	NO	PPT	NO
9					TEST	1	NO	NO	NO
10					NUMBER MAGIC	APRIL	2	LINEAR EQUATION IN ONE VARIABLE	INTRODUCTION
11	SOLVE THE EQUATION	1	NO	PPT					NO
12	EXERCISE QUESTIONS	1	NO	PPT					NO
13	EXERCISE QUESTIONS	1	NO	PPT					NO
14	APPLICATION OF LINEAR EQUATION IN ONE VARIABLE	1	Yes	PPT					NO
15	EXERCISE QUESTIONS	1	NO	PPT					NO
16	EXERCISE QUESTIONS	1	NO	PPT					NO
17	EXERCISE QUESTIONS	1	NO	PPT					NO
18	UPSTREAM AND DOWN STREAM	1	YES	PPT					NO
19	EXERCISE QUESTIONS	1	NO	PPT					NO
20	EXERCISE QUESTIONS	1	NO	PPT					NO
21	EXERCISE QUESTIONS	1	NO	PPT					NO
22	TEST	1	NO	NO	NO				

23	NUMBER MAGIC	MAY	3	POLYGONS	INTRODUCTION	1	NO	PPT	NO
24					TYPES OF POLYGON	1	NO	PPT	NO
25					EXERCISE QUESTIONS	1	NO	PPT	NO
26					EXERCISE QUESTIONS	1	NO	PPT	NO
27					EXTERIOR ANGLE OF A POLYGON	1	NO	PPT	NO
28					EXERCISE QUESTIONS	1	NO	PPT	NO
29					ANGLE SUM PROPERTY	1	NO	PPT	NO
30					EXERCISE QUESTIONS	1	NO	PPT	NO
31					TEST	1	NO	NO	NO
32					NUMBER MAGIC	MAY	4	QUADRILATERAL	INTERIOR AND EXTERIOR QUADRILATERAL
33	CONVEX AND CONCAVE QUADRILATERAL	1	YES	PPT					YES
35	EXERCISE QUESTIONS	1	NO	PPT					YES
36	TEST	1	NO	NO					NO
37					DIFFERENT TYPES OF QUADRILATERAL	1	NO	PPT	NO

38	NUMBER MAGIC	MAY	5	SPECIAL TYPES OF QUADRILATERAL	SPECIAL PARALLELOGRAM	1	YES	NO	YES
39					PROPERTIES OF PARALLELOGRAM	1	NO	NO	NO
40					EXERCISE QUESTIONS	1	NO	NO	NO
41					FIGURE BASED QUESTIONS	1	NO	PPT	NO
42					TEST	1	NO	PPT	NO
43	NUMBER MAGIC	JULY	7	DATA HANDLING I TABULAR DATA	INTREODUCTION	1	NO	PPT	No
44					GROUPING DATA	1	NO	PPT	No
45					FREQUENCY DISTRIBUTION	1	NO	PPT	No
46					EXERCISE QUESTIONS	4	NO	PPT	No
47					TEST	1	NO	NO	No
48	NUMBER MAGIC	JULY	8	DATA HANDLING II BAR GRAPH	BAR GRAPH	1	NO	PPT	No
49					DOUBLE BAR GRAPH	2	NO	PPT	No
50					DOUBLE BAR GRAPH	1	NO	PPT	No
51					GROUP DATA	1	NO	PPT	N
52					REPRESENTATION	1	NO	PPT	No
53					EXERCISE QUESTIONS	2	NO	PPT	No
54					TEST	1	NO	NO	No
55	NUMBER MAGIC	JULY	9	DATA HANDLING III PIE CHART	INTRODUCTION	1	NO	PPT	No
56					PIE CHART	2	YES	PPT	Yes
57					COMPLIMENTARY ANGLES	2	YES	PPT	Yes
58					EXERCISE QUESTIONS	3	YES	PPT	Yes
59					TEST	1	NO	NO	No

MID - TERM EXAM

60	NUMBER MAGIC	AUGUST	10	DATA HANDLING- IV PROPBABILITY	INTRODUCTION	2	NO	PPT	YES
61					PROBABILITY	1	YES	PPT	YES
62					EVENTS	1	NO	NO	NO
63					EXERCISE QUESTIONS	2	NO	NO	NO
64					TEST	1	NO	NO	NO
65	NUMBER MAGIC	AUGUST	11	SQUARE ROOT	SQUARE ROOTS	1	YES	PPT	YES
66					EXERCISE QUESTIONS	1	YES	PPT	NO
67					PROPERTIES OF SQUARE ROOTS	1	NO	PPT	NO
68					PYTHAGOREAN TRIPLET	1	NO	PPT	NO
69					EXERCISE QUESTIONS	3	NO	PPT	NO
70					SQUARE ROOTS	2	YES	PPT	NO
71					LONG DIVISION METHOD	3	NO	PPT	NO
72					PROPERTIES OF SQUARE ROOTS	2	NO	PPT	NO
73	TEST	1	NO	NO	NO				
74	NUMBER MAGIC	SEPTEMBER	12	CUBES AND CUBE ROOT	INTRODUCTION	1	NO	PPT	NO
75					PROPERTYIES OF A CUBE NUMBER	1	NO	PPT	NO
76					EXERCISE QUESTIONS	1	NO	PPT	NO
77					CUBE ROOT OF A NUMBER	1	NO	PPT	NO
78					EXERCISE QUESTIONS	1	NO	PPT	NO
79					TEST	2	NO	NO	NO

80	NUMBER MAGIC	SEPTEMBER	13	COMPARING QUANTITIES	INTRODUCTION	1	NO	NO	NO
81					INCREASE AND DECREASE PERCENTAGE	1	NO	NO	NO
82					WORD PROBLEMS	1	NO	NO	NO
83					TEST	1	NO	NO	NO
84	NUMBER MAGIC	OCTOBER	14	PERCENTAGE , PROFIT AND LOSS , SIM PLE INTREST	INTRODUCTION	1	NO	NO	NO
85					PROFIT AND LOSS	1	YES	YES	NO
86					WORD PROBLEMS	2	NO	NO	NO
87					DISCOUNT	2	NO	NO	NO
88					TAX	2	NO	NO	NO
89					TEST	1	NO	NO	NO
POST-MID TERM EXAM									
90	NUMBER MAGIC	OCTOBER	15	COMPOUND INTREST	INTRODUCTION	1	NO	NO	NO
91					COMPOUND INTREST	2	NO	NO	NO
92					WORD PROBLEMS	3	NO	NO	NO
93					APPLICATION OF CI	2	NO	NO	NO
94					TEST	1	NO	NO	NO
95	NUMBER MAGIC	NOVEMBER	16	ALGEBRIC EXPRESSIONS	ADDITION AND SUBTRACTION	1	NO	PPT	NO
96					EXERCISE QUESTIONS	2	NO	PPT	NO
97					MULTIPLICATION	1	NO	PPT	NO
98					EXERCISE QUESTIONS	1	NO	PPT	NO
99					MONOMIAL	2	NO	PPT	NO
100					POLYNOMIAL	1	NO	PPT	NO
103					SPECIAL IDENTIES	3	NO	PPT	NO
104					TEST	1	NO	NO	NO

105	NUMBER MAGIC	NOVEMBER	18	AREA OF POLYGON	AREA OF POLYGON	1	YES	PPT	YES
106					EXERCISE QUESTIONS	2	NO	PPT	No
107					AREA OF TRAPEZIUM	2	YES	PPT	No
108					EXERCISE QUESTIONS	2	YES	PPT	No
109					EXERCISE QUESTIONS	3	NO	PPT	No
110					TEST	1	NO	NO	NO
111	NUMBER MAGIC	DECEMBER	19	SURFACE AREA And VOLUMES	SURFACE AREA OF CUBE , CUBOID , CYLINDER	4	YES	PPT	NO
112					VOLUME OF CUBE , CUBOID , CYLINDER	4	YES	PPT	NO
113					ADDITION AND SUBTRACTION	3	NO	PPT	NO
114					EXERCISE QUESTIONS	3	NO	PPT	NO
115					SIMPLIFICATION	3	NO	PPT	NO
116					TEST	1	NO	NO	NO
117	NUMBER MAGIC	JANUARY	20	EXPONENTS AND POWERS	EXPONENTS	1	NO	PPT	NO
118					EXERCISE QUESTIONS	1	NO	NO	NO
119					POWERS SOLVE	1	NO	NO	NO
120					LAWS OF EXPONENTS	2	NO	NO	NO
121					EXERCISE QUESTIONS	1	NO	NO	NO
122					EXERCISE QUESTIONS	1	NO	NO	NO
123					TEST	1	NO	NO	NO
124	NUMBER MAGIC	JANUARY	21	DIRECT AND INVERSE PROPORTION	DIRECT PROPORTION	2	NO	VIDEO	NO
125					INVERSE PROPORTION	3	NO	VIDEO	NO
					TEST	1	NO	NO	NO
126	NUMBER MAGIC	JANUARY	22	TIME AND WORK	PIPES AND CISTERN PROBLEMS	3	NO	VIDEO	NO
127					EXERCISE QUESTIONS	1	NO	VIDEO	NO
128					TEST	1	NO	NO	NO

129	NUMBER MAGIC	FEBRUARY	23	FACTORISATION	ALGEBRAIC EXPRESSIONS	3	NO	PPT	NO
130					IDENTITIES	2	NO	PPT	NO
131					FACTOR OF GIVEN EXPRESSION	2	NO	PPT	NO
132					QUADRATIC TRINOMIAL	2	NO	PPT	NO
133					Division	2	NO	PPT	NO
134					TEST	1	NO	NO	NO
135					NUMBER MAGIC	FEBRUARY	24	INTRODUCTION TO GRAPH	LINE GRAPH
136	LINEAR GRAPH	1	NO	PPT					NO
137	APPLICATIONS OF GRAPH	2	NO	PPT					NO
138	TEST	1	NO	NO					NO
						197			
FINAL ASSESSMENT									













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