

THE WISDOM GLOBAL SCHOOL

SYLLABUS BIFURCATION

GRADE 6

SUBJECT:- MATHEMATICS

NAME OF BOOKS: NUMBER MAGIC

YEAR 2022-23

NAME OF THE TEACHER:- MS. SHWETA ARORA

S.NO	BOOK NAME	MONTH	CHAPTER NUMBER	CHAPTER NAME	SUB-TOPICS	NO. OF DAYS REQUIRED	ACTIVITY/PROPS	SMART BOARD(PPT /VIDEO)	CHARTS
1	NUMBER MAGIC	APRIL	1	KNOWING OUR NUMBERS	INTRODUCTION	1	NO	PPT	NO
2					USE OF COMMAS		NO	PPT	NO
3					FACE VALUE AND PLACE VALUE	1	YES	PPT	YES
4					INTERNATIONAL SYSTEM OF NUMERATION	1	YES	PPT	YES
5					COMPARING NUMBERS	1	NO	PPT	NO
6					MAKING NUMBERS	1	NO	PPT	NO
7					WORD PROBLEMS	2	NO	PPT	NO
8					ESTIMATION	2	NO	PPT	NO
9					ROMAN NUMERALS	1	NO	PPT	YES
10	NUMBER MAGIC	APRIL	2	WHOLE NUMBERS	INTRODUCTION TO NATURAL AND WHOLE NUMBERS	1	NO	PPT	NO
11					REPRESENTATION OF WHOLE NUMBERS ON NUMBER LINE	1	NO	PPT	NO
12					ADDITION AND SUBTRACTION OF WHOLE NUMBERS ON NUMBER LINE	1	NO	NO	NO
13					MULTIPLICATION AND DIVISION OF WHOLE NUMBERS ON NUMBER LINE	1	NO	NO	NO
14					PROPERTIES OF ADDITION	1	NO	PPT	NO
15					PROPERTIES OF SUBTRACTION	1	NO	PPT	NO
16					PROPERTIES OF MULTIPLICATION	1	NO	PPT	NO
17					PROPERTIES OF DIVISION	1	NO	PPT	NO
18					WORD PROBLEMS	2	NO	NO	NO
19					PATTERNS IN WHOLE NUMBERS	1	YES	PPT	NO
20	NUMBER MAGIC	MAY	3	PLAYING WITH NUMBERS FACTORS AND MULTIPLES	INTRODUCTION	1	NO	PPT	NO
21					PROPERTIES OF FACTORS		NO	PPT	YES
22					PROPERTIES OF MULTIPLES		NO	PPT	YES
23					PRIME AND COMPOSITE NUMBERS	2	NO	PPT	YES
24					TEST FOR DIVISIBILITY OF NUMBERS	2	YES	PPT	NO
25					MORE DIVISIBILITY RULES	1	NO	PPT	NO
26					COMMON FACTORS AND COMMON MULTIPLES	1	NO	PPT	NO
27					FACTORISATION	2	NO	PPT	NO
28					HCF	2	YES	PPT	YES
29					LCM	2	YES	PPT	YES
30					PROPERTIES OF HCF AND LCM	1	NO	PPT	NO

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31					WORD PROBLEMS BASED ON HCF AND LCM	3	NO	NO	NO
PRE MID TERM ASSESSMENT									
32	NUMBER MAGIC	JULY	4	BASIC GEOMETRICAL IDEAS	INTRODUCTION	1	NO	VIDEO	NO
33					RELATION BETWEEN POINTS AND LINES	1	NO	PPT	NO
34					INTERSECTING AND CONCURRENT LINES	2	NO	PPT	NO
35					ANGLES	2	NO	PPT	YES
36					CURVES	1	NO	PPT	NO
37					POLYGON	1	YES	PPT	YES
38					TRIANGLES	1	NO	PPT	NO
39					QUADRILATERALS	1	NO	PPT	NO
40					CIRCLE	2	YES	PPT	YES
41					NUMBER MAGIC	JULY	5	UNDERSTANDING ELEMENTARY SHAPES	INTRODUCTION
42	MEASURING LINE SEGMENTS	1	NO	NO					NO
43	UNITS OF MEASUREMENT OF LINE SEGMENTS		NO	NO					NO
44	COMPARISON OF LINE SEGMENTS	1	NO	PPT					
45	ANGLES- RIGHT AND STRAIGHT	1	YES	PPT					YES
46	REVOLUTION AND ANGLES MADE BY AN HOUR OF A CLOCK	2	NO	PPT					NO
47	ANGLES- ACUTE, OBTUSE AND REFLEX	2	YES	PPT					NO
48	MEASURING ANGLES	1	NO	PPT					NO
49	PERPENDICULAR LINES AND PERPENDICULAR BISECTOR	1	NO	PPT					NO
50	CLASSIFICATION OF TRIANGLES	2	NO	PPT					NO
51	TYPES OF QUADRILATERALS	2	NO	PPT					YES
52		AUGUST			TYPES OF POLYGONS	2	YES	PPT	YES
53					THREE DIMENSIONAL SHAPES	1	YES	PPT	YES

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54	NUMBER MAGIC	AUGUST	6	INTEGERS	INTRODUCTION	1	NO	PPT	NO
55					REPRESENTATION OF INTEGERS ON NUMBER LINE	1	NO	PPT	NO
56					ORDERING OF INTEGERS	1	NO	PPT	NO
57					ABSOLUTE VALUE OF AN INTEGER		NO	PPT	NO
58					ADDITION OF INTEGERS	3	YES	PPT	NO
59					PROPERTIES OF ADDITION OF INTEGERS	2	NO	PPT	YES
60					SUBTRACTION OF INTEGERS	3	YES	PPT	NO
61					PROPERTIES OF SUBTRACTION OF INTEGERS	2	NO	PPT	YES
MID TERM ASSESSMENT									
62	NUMBER MAGIC	SEPTEMBER	7	FRACTIONS	INTRODUCTION	1	NO	PPT	NO
63					FRACTIONAL PART OF A COLLECTION		YES	PPT	NO
64					FRACTIONS ON THE NUMBER LINE	1	NO	PPT	NO
65					TYPES OF FRACTION	1	NO	PPT	YES
66					MIXED FRACTIONS ON THE NUMBER LINE	1	NO	PPT	NO
67					EQUIVALENT FRACTIONS	1	NO	PPT	NO
68					SIMPLEST FORM OF A FRACTION	2	NO	PPT	NO
69					LIKE AND UNLIKE FRACTIONS	1	YES	PPT	NO
70					COMPARISON OF LIKE FRACTIONS	1	NO	PPT	NO
71					COMPARING UNLIKE FRACTIONS	1	NO	PPT	NO
72					ADDITION AND SUBTRACTION OF LIKE FRACTIONS	2	NO	PPT	NO
73		OCTOBER			ADDITION AND SUBTRACTION OF UNLIKE FRACTIONS	2	NO	PPT	NO
74					ADDING AND SUBTRACTING MIXED FRACTIONS	1	NO	PPT	NO
75					WORD PROBLEMS ON FRACTIONS	2	NO		NO

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76	NUMBER MAGIC	OCTOBER	8	DECIMALS	INTRODUCTION	1	NO	PPT	YES
77					DECIMAL FRACTIONS		YES	PPT	NO
78					REPRESENTING DECIMALS ON NUMBER LINE	1	NO	PPT	NO
79					WRITING DECIMAL NUMBERS IN THE PLACE VALUE TABLE		NO	PPT	YES
80					FRACTIONS AS DECIMALS	2	NO	NO	NO
81					DECIMALS AS FRACTIONS		NO	NO	NO
82					DECIMALS PLACES	1	NO	PPT	NO
83					CONVERSION OF UNLIKE DECIMALS TO LIKE DECIMALS	1	NO	PPT	NO
84					COMPARING DECIMALS	1	NO	PPT	NO
85					USING DECIMALS IN MONEY, LENGTH AND CAPACITY	2	YES	PPT	NO
86					ADDITION OF NUMBERS WITH DECIMALS	2	NO	PPT	NO
87					SUBTRACTION OF DECIMALS	2	NO	PPT	NO
88					WORD PROBLEMS ON DECIMALS	1	NO	NO	NO
89					NUMBER MAGIC	OCTOBER	9	DATA HANDLING	INTRODUCTION
90	SOME IMPORTANT TERMS	NO	PPT	NO					
91	ORGANISING DATA	1	NO	PPT					NO
92	FREQUENCY DISTRIBUTION TABLE	1	NO	PPT					NO
93	READING A PICTOGRAPH	1	NO	NO					NO
94		NOVEMBER			DRAWING A PICTOGRAPH	2	NO	NO	NO
95					INTERPRETATION OF A BAR GRAPH	2	NO	NO	NO
96					DRAWING A BAR GRAPH	2	NO	NO	NO
97	NUMBER MAGIC	NOVEMBER	10	MENSURATION	INTRODUCTION	1	NO	PPT	NO
98					PERIMETER OF PLANE FIGURES	1	YES	PPT	YES
99					PERIMETER OF REGULAR SHAPES	2	YES	PPT	YES
100					WORD PROBLEMS ON PERIMETER	2	NO	PPT	NO
101					AREA	2	NO	PPT	YES
102					WORD PROBLEMS ON AREA	2	NO	PPT	NO
103	NUMBER MAGIC	NOVEMBER	11	ALGEBRA	INTRODUCTION	1	NO	VIDEO	YES
104					USING VARIABLES		NO	PPT	NO
105					WORD PROBLEMS	2	NO	PPT	NO
106					USE OF VARIABLES IN COMMON RULES	1	NO	PPT	NO
107					RULES FOR GEOMETRY	1	NO	PPT	YES
108					RULES FOR ARITHMETIC		NO	PPT	YES
109	ALGEBRAIC EXPRESSIONS	3	YES	PPT	NO				
110	USING EXPRESSIONS PRACTICALLY	2	YES	PPT	NO				

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111		DECEMBER			WORD PROBLEMS	2	NO	NO	NO	
112					WHAT IS AN EQUATION?	2	NO	NO	NO	
113					WORD PROBLEMS ON SOLVING AN EQUATION	2	NO	NO	NO	
114					SOLVING AN EQUATION SYSTEMATICALLY	2	NO	NO	NO	
POST MID TERM ASSESSMENT										
115	NUMBER MAGIC	DECEMBER	12	RATIO AND PROPORTION	INTRODUCTION	1	NO	VIDEO	NO	
116						RATIO IN SIMPLEST FORM	2	NO	PPT	NO
117						EQUIVALENT RATIOS	1	YES	PPT	YES
118						WORD PROBLEMS OF RATIO	1	NO	PPT	NO
119						FOUR NUMBERS IN PROPORTION	1	NO	PPT	NO
120						CONTINUED PROPORTION		NO	PPT	YES
121						WORD PROBLEMS ON PROPORTION	1	NO	PPT	NO
122						WORD PROBLEMS ON UNITARY METHOD	2	NO	PPT	NO
123	NUMBER MAGIC	JANUARY	13	SYMMETRY	INTRODUCTION	1	NO	VIDEO	YES	
124						OBJECTS OR FIGURES WITH ONE LINE OF SYMMETRY	2	YES	PPT	YES
125						FIGURES WITH TWO LINES OF SYMMETRY	1	YES	PPT	YES
126						FIGURES WITH MULTIPLE LINES OF SYMMETRY	2	YES	PPT	YES
127						REFLECTION AND SYMMETRY	1	NO	PPT	YES
128	NUMBER MAGIC	JANUARY	14	PRACTICAL GEOMETRY	INTRODUCTION	1	NO	PPT	YES	
129						CONSTRUCTIONS USING RULER AND COMPASSES	1	NO	PPT	YES
130						CONSTRUCTION OF A LINE SEGMENT OF A GIVEN LENGTH	1	NO	VIDEO	NO
131						CONSTRUCTION OF A COPY OF A LINE SEGMENT OF LENGTH	1	NO	PPT	NO
132						PERPENDICULARS	1	NO	NO	NO
133						CONSTRUCTION OF PERPENDICULAR BISECTOR	2	YES	PPT	NO
134						CONSTRUCTION OF AN ANGLE OF GIVEN MEASURE	1	YES	NO	NO
135						CONSTRUCTION OF A COPY OF AN ANGLE OF UNKNOWN MEASURE	1	NO	NO	NO

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136					CONSTRUCTION OF ANGLES OF SPECIAL MEASURES USING A PAIR OF COMPASSES	1	NO	NO	NO
137	NUMBER MAGIC	FEBRUARY	15	SQUARE AND SQUARE ROOT	INTRODUCTION	1	NO	PPT	NO
138					SQUARE OF A NUMBER	1	NO	PPT	YES
139					PROPERTIES OF SQUARE NUMBERS	1	YES	PPT	NO
140					QUESTIONS ON SQUARE OF NUMBERS	1	NO	PPT	NO
141					SQUARE ROOT USING REPEATED SUBTRACTION	1	YES	PPT	YES
142					SQUARE ROOT USING PRIME FACTORISATION	1	YES	PPT	YES
143	NUMBER MAGIC	FEBRUARY	16	PROBABILITY	INTRODUCTION	1	NO	VIDEO	NO
144					SOME TERMS RELATED TO PROBABILITY	2	NO	PPT	YES
145					SOME QUESTIONS RELATED TO PROBABILITY	2	YES	PPT	NO
						185			
FINAL ASSESSMENT									