

GRADE - 8 (2024 - 2025)

CLASS - VIII, SUBJECT:- MATHEMATICS

NAME OF THE TEACHER:- MS POOJA SHARMA

S.N O	BOOK	MONTH	CHAPTER NUMBER	CHAPTER NAME	SUB-TOPICS	NO. OF DAYS REQUIR ED	ACTIVITY	video link
	OXFORD INSPIRE	APRIL	11	RATIONAL NUMBERS	INTRODUCTION	1	objective: To find the rational numbers between any two given rational numbers Materials required: A4 size sheets with the printout of the rational number wheel.	https://video.wixstatic.com/video/f29914_1630f70902c4490594363a872b7e47c7/720p/mp4/file.mp4
1					PROPERTIES	1		
2					MIXED OPERATIONS	1		
3					EXERCISE QUESTIONS	1		
4					APPLICATION	1		
5					EXERCISE QUESTIONS	1		
6					REPRESENTATION ON NUMBER LINE	1		
7					RATIONAL NUMBER BETWEEN TWO GIVEN RATIONAL NUMBER	1		
8					EXERCISE QUESTIONS	1		
9	TEST	1						

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10	OXFORD INSPIER	APRIL	6	EXPONENT AND POWERS	INTRODUCTION	1	The students should be able to apply the laws of exponents to find a way out of the following maze. This activity will help revisit the concepts of exponents learnt so far. Materials required: Printed	https://video.wixstatic.com/video/f29914_95c7aba6508c493db50d63b30b7c90b7/720p/mp4/file.mp4
11				LAWS OF EXPONENTS	1			
12				EXERCISE QUESTIONS	1			
13				DECIMALS EXPANSION	1			
14				WORD PROBLEMS	1			
15				TEST	1			
16	OXFORD INSPIRE	MAY	15	SQUARES AND SQUARE ROOTS	INTRODUCTION	1	No Activity	https://video.wixstatic.com/video/f29914_90a4bbaae90248529d5b0e5f5c10d490/720p/mp4/file.mp4
17					PROPERTIES	1		
18					PATTERNS	1		
19					SQUARING NUMBERS WITHOUT MULTILICATION	1		
20					EXERCISE QUESTIONS	1		
21					TRIPLETS	1		
22					SQAURE ROOT	2		
23					ESTIMATION SQUARE ROOT	1		
24					EXERCISE QUESTIONS	1		
25					EXERCISE QUESTIONS	2		
26	TEST	1						

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27	OXFORD INSPIRE	MAY	10	CUBES AND CUBE ROOTS	INTRODUCTION	1	No Activity	https://video.wixstatic.com/video/f29914_b06d040f6dc14c189b8db5637801fc5a/720p/mp4/file.mp4
28					PERFECT CUBE	1		
29					PROPERTIES	1		
30					PATTERNS	1		
31					EXERCISE QUESTIONS	1		
32					CUBE ROOT	2		
33					CUBE ROOT ESTIMATION	1		
34					EXERCISE QUESTIONS	1		
35					TEST	1		
36					OXFORD INSPIRE	JUNE		
37	TEST OF DIVISIBILITY	1						
38	NUMBER PUZZLE	1						
39	EXERCISE QUESTIONS	1						
40	MAGIC SQUARE	1						
41	EXERCISE QUESTIONS	1						
42	TEST	1						
43								

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44	OXFORD INSPIRE	JULY	7	ALGEBRAIC EXPRESSIONS	INTRODUCTION	1	No Activity	https://video.wixstatic.com/video/f29914_5be99260420e4132bd8f1c3875ee4f64/720p/mp4/file.mp4
45					ADDITION AND SUBTRACTION	1		
46					MULTIPLICATION	1		
47					EXERCISE QUESTIONS	1		
48					APPLICATION OF IDENTITIES	1		
49					EXERCISE QUESTIONS	1		
50					TEST	1		
51					OXFORD INSPIRE	JULY		
52	FACTORISATION OF ALGEBRAIC EXPRESSION	1						
53	EXERCISE QUESTIONS	1						
54	FACTORISATION OF ALGEBRAIC EXPRESSION USING IDENTITIES	1						
55	COMMON ERRORS	1						
56	EXERCISE QUESTIONS	1						
57	TEST	1						

S.N O	BOOK	MONTH	CHAPTER NUMBER	CHAPTER NAME	SUB-TOPICS	NO. OF DAYS REQUIR ED	ACTIVITY	video link
58	OXFORD INSPIRE	JULY	7	LINEAR EQUATIONS IN ONE VARIABLES	INTRODUCTION	1	No Activity	https://video.wixstatic.com/video/f29914_e12fb90987924a4abda_c85ea58a4cbf8/720p/mp4/file.m p4
59					SOLVING LINEAR EQUATION	1		
60					EXERCISE QUESTIONS	1		
61					REDUCING EQUATION TO SIMPLER FORM	1		
62					APPLICATIONS OF LINEAR EQUATION	1		
63					EXERCISE QUESTIONS	1		
64					TEST	1		
65								
66	OXFORD INSPIRE	AUG	6	PERCENTAGE, PROFIT AND LOSS	APPLICATION OF PERCENTAGE	1	No Activity	
67					EXERCISE QUESTIONS	1		
68					PROFIT AND LOSS	1		
69					EXERCISE QUESTIONS	1		
70					OVERHEAD EXPENSES DISCOUNT AND TAX	1		
71					APPLICATION OF FORMULA	1		
72					TEST	1		

S.N O	BOOK	MONTH	CHAPTER NUMBER	CHAPTER NAME	SUB-TOPICS	NO. OF DAYS REQUIR ED	ACTIVITY	video link
88	OXFORD INSPIER	SEP	6	UNDERSTANDING QUADRILATERALS	INTRODUCTION OF POLYGONS	1	objective: To verify the properties of a parallelogram using a Geoboard and patty paper. Materials required: Geoboard and patty paper.	https://video.wixstatic.com/video/f29914_761d5140d53b465aba85ced7cb53b2a8/720p/mp4/file. mp4
89					SUM OF INTERIOR ANGLES AND EXTERIOR ANGLES	1		
90					EXERCISE QUESTIONS	1		
91					TYPES OF QUADRILATERAL	1		
92					EXERCISE QUESTIONS	1		
93					TEST	1		
94	OXFORD INSPIER	SEP	5	CONSTRUCTION OF QUADRILATERALS	CONSTRUCTION OF QUADRILATERAL	1	No Activity	
95					CONSTRUCTION OF RECTANGLES	1		
96					EXERCISE QUESTIONS	1		
97					SPECIAL CONSTRUCTION	1		
98					TEST	1		

S.N O	BOOK	MONTH	CHAPTER NUMBER	CHAPTER NAME	SUB-TOPICS	NO. OF DAYS REQUIR ED	ACTIVITY	video link
##	OXFORD INSPIRE	DEC	8	AREA OF POLYGONS	INTRODUCTION	1	No Activity	
117					AREA OF RHOMBUS	1		
118					AREA OF TRAPEZIUM	1		
119					EXERCISE QUESTIONS	1		
120					AREA OF QUADRILATERAL	1		
121					AREA OF POLYGON	1		
122					EXERCISE QUESTIONS	1		
123					TEST	1		
124					OXFORD INSPIRE	DEC		
125	VOLUME OF CUBE AND CUBOID	1						
126	VOLUME AND CAPACITY	1						
127	SURFACE AREA AND VOLUME OF CYLINDER	1						
128	EXERCISE QUESTIONS	1						
129	EXERCISE QUESTIONS	1						
130	TEST	1						

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131	OXFORD INSPIRE	DEC	8	DATA - ORGANISATION AND GRAPHICAL REPRESENTATION	INTRODUCTION	1	No Activity	https://video.wixstatic.com/video/f29914_26ae26c1758d4bdbb85516c3f0c3cc22/720p/mp4/file.mp4
132					DOUBLE BAR GRAPH	1		
133					GROUPED FREQUENCY DISTRIBUTION	1		
134					EXERCISE QUESTIONS	1		
135					HISTOGRAM	1		
137					PIE CHART	1		
138					EXERCISE QUESTIONS	1		
139					TEST	1		
140								
141	OXFORD INSPIRE	JAN	9	PROBABILITY	INTRODUCTION	1	objective: Finding the probability of an event when two dice are rolled simultaneously. Materials required: Two dice and notebooks.	No video
142					EXPERIMENTS	1		
143					EVENTS	1		
144					EXERCISE QUESTIONS	2		
145					REAL LIFE APPLICATION	1		
146					EXERCISE QUESTIONS	1		
147					TEST	2		

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148	OXFORD INSPIRE	JAN	9	CARTESIAN COORDINATE SYSTEM AND GRAPHS	INTRODUCTION OF COORDINATE SYSTEM	1	No Activity	https://video.wixstatic.com/video/f29914_38a929c04eae446590034873a1fd59e9/720p/mp4/file.mp4
149					EXERCISE QUESTIONS	1		
150					QUADRANT IN A PLANE	1		
151					EXERCISE QUESTIONS	1		
152					LINE GRAPH	1		
153					LINEAR GRAPH	1		
154					APPLICATIONS OF GRAPH	1		
155					EXERCISE QUESTIONS	1		
156					TEST	1		
FINAL TERM								