

S.NO	BOOK	MONTH	CHAPTER NUMBER	CHAPTER NAME	SUB-TOPICS	NO. OF DAYS REQUIRED	ACTIVITY	MATERIAL REQUIRED (IF ANY)	ANIMATED VIDEO LINK
36	Oxford Inspire	May	4	Rational Numbers	Introduction	1	To represent and compare rational numbers on a number line	Two chart papers with number lines from -10 to 10 drawn on them and each unit divided in 5 equal parts, markers, thumb tacks, thumbtack board	video.wixstatic.com/video/f29914_51a8fd8344b4035b462a780094ff437/720p/mp4/file.mp4
37				Properties of rational number	3				
38				Number Line	1				
39				Comparison	2				
40				Addition	2				
41				Subtraction	3				
42				Multiplication	3				
43				Division	3				
44				Test	1				video.wixstatic.com/video/f29914_f8ff4c9c674148e6ba3402eb2d0aa807/720p/mp4/file.mp4
45	Oxford Inspire	July	5	Exponents and powers	Exponents	1	To understand the laws of exponents and scientific notation		Two chart papers, two markers, thumbtacks, thumbtack board
46				Exercise questions	1				
47				Power of rational numbers	1				
48				Laws of exponents	2				
49				Exercise questions	1				
50				Exercise questions	1				
51				test	1				
52	Oxford Inspire	July	6	Algebraic Expressions	Like and unlike terms	1	To understand the types of algebraic expressions	Two sets of flash cards with one of the sets containing algebraic expressions while the other set containing the names of types of algebraic expressions	video.wixstatic.com/video/f29914_031e8543be134ae784fd534dbf1b5bc8/720p/mp4/file.mp4
53				types of expressions	2				
54				Addition and Subtraction	3				
56				Find the value	3				
57				Simplification	2				
58				Test	1				
59	Oxford Inspire								
60		August	7	Simple Linear Equations	Exercise questions	1	To understand forming a linear equation and a real-life situation with a given solution	A4 sheets, Pens	video.wixstatic.com/video/f29914_5292be60dea04c9b8650291682e4fde6/720p/mp4/file.mp4
61				Transposition and cross multiplication	1				
62				Cross multiplication	1				
63				Exercise questions	1				
64				Applications	1				
65				Word Problems	3				
66				Exercise questions	1				
67				Exercise questions	1				
68				Exercise questions	1				
69				Exercise questions	1				
70				Test	1				
81	Oxford Inspire	September	8	Ratio and proportion	Introduction	1	To understand the concept of ratio	Marbles: Red, blue, green; Bags	
82				Ratio	4				
83				Proportion	3	To understand the concept of	Graph paper, Pencils, Measuring		

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84					Unitary method	3	proportion	tape, Ruler	
85					test	1			
86									
88	Oxford Inspire	September	9	Percentage , Profit and Loss	Introduction	1			
89					Percentage	3	To understand the concept of percentage	Worksheets, pencils	video.wixstatic.com/video/f29914_d2062db4eb7545779433fdaf485eb0f/720p/mp4/file.mp4
90				Word problems	4				
91					Profit and Loss	3			
92					Exercise questions	3			
93					Test	1			
94	Oxford Inspire	October	10	Simple Intrest	Introduction	1	To understand the concept of simple interest	Board, chalk	
95					Simple Intrest	3			
96					Test	1			
97	Oxford Inspire	October	11	Lines and Angles	Introduction	1	To understand types of angles	A4 sheets, pens, rulers, protractors	video.wixstatic.com/video/f29914_9b5db4abbc004832ad9975bceced7942/720p/mp4/file.mp4
98					Supplimentary angles	1			
99					Complimentary angles	1			
100					Adjacent angles	2			
101					Linear pair of angles	2			
102					Vertically opposite angles	2			
103					test	1			
104	Oxford Inspire	November	12	Triangle and Its Properties	Median of Triangle	1	To understand triangle inequality theorem	Straws, A4 sheets, scissors, glue, ruler, pencil	
105				Altitude of Triangle	1				
106				Angle Sum Property	1				
107				Exercise questions	2				
108					Exterior angle property	3			
109									
110					Triangle inequality	2	To understand the concept of Pythagoras' theorem	A4 sheets, pen, ruler, and protractor	
111				Pythagoras Theorem	3				
112				test	1				
113									
114	Oxford Inspire	December	13	Congruence of a triangle	Introduction	1			video.wixstatic.com/video/f29914_351753f518ac4b0fa7ae1a495632a311/720p/mp4/file.mp4
115					Congruence of triangles	1			
116					SSS Criteria	2			
117					SAS Criteria	2			
118					ASA Criteria	2			
119					RHS Criteria	2			
120					Test	1			
121					Simple Intrest	3			
122					Test	1			
123	Oxford Inspire	December	14	Construction	Introduction	1	To understand the construction of triangles	Pencil, geometry box	video.wixstatic.com/video/f29914_dc7ff65bce1348299a52a49c801a47db/720p/mp4/file.mp4
124					Construction of triangle	3			
125					test	1			

