

<b>MANDATORY MATHS SYLLABUS</b>		
<b>S.No</b>	<b>Chapter</b>	<b>Standard</b>
1	Addition Tricks	<b>Fundamentals (Common to All)</b>
2	Subtraction tricks	
3	Combination of Addition & Subtraction	
4	Tables learning tricks	
5	Multiplication tricks	
6	Split & Merge	
7	Complementary pairs	
8	Percentage Basics	
9	Values of Percentage	
10	Multiplication Magics using Percentages	
11	Difference method	
12	Easy computation	
13	Easy Division tricks	
14	Exponents	
15	Combination of Multiplication & Division	
16	Squaring tricks	
17	Square root	
18	Cubes tricks	
19	Cube root	
20	LCM	
21	HCF	
22	Fraction & Types	
23	Addition & Subtraction of Fraction	
24	Multiplication & Division of Fraction	
25	Fraction to percentage	
26	BODMAS	
27	Divisibility rule	
28	Surds	
29	Indices	

30	Simplification		
31	Power cycles		
32	Types of Numbers		
33	Prime numbers		
34	Triangular number		
35	Rational & Irrational Numbers		
36	Reminder formula		
37	Factors		
38	Factorial		
39	Factorisation		
40	Percentages		
41	Profit, Loss & Discount		
42	Ratio & Proportion		
43	Measurement units		
44	Expression & Properties		
45	Equations Level - 1		
46	Two dimensional Level - 1		
47	Symmetry and Transformations Level - 1		
48	Three Dimensional Level - 1		
49	Geometric Measurement Level - 1		
50	Data & Graphs Level - 1		
51	Statistics Level - 1		
52	Probability Level - 1		
53	Inequalities		
54	Financial Problems		
55	Linear Functions Level - 1		<b>Fundamentals +7<sup>th</sup> Standard</b>
56	Pythagorean Theorem		
57	Equations Level - 2		
58	Two dimensional Level - 2		
59	Symmetry and Transformations Level - 2		
60	Three Dimensional Level - 2		
61	Geometric Measurement Level - 2		

62	Data & Graphs Level - 2	
63	Statistics Level - 2	
64	Probability Level - 2	
65	Number Sequences (A.P, G.P) Level - 1	Fundamentals + 8 <sup>th</sup> standard
66	Linear Functions Level - 2	
67	Mensuration Level - 1	
68	Monomials & Polynomials	
69	Data & Graphs Level - 3	
70	Statistics Level - 3	
71	Probability Level - 3	
72	Coordinate Plane	Fundamentals + 9 <sup>th</sup> standard
73	Inequalities Advanced Level	
74	Matrices Level - 1	
75	Data & Graphs Level - 4	
76	Problem solving	
77	Number Sequences (A.P, G.P) Level - 2	
78	Relations & Functions	
79	Direct & Inverse Variations	
80	Quadratic Equations	
81	Functions	
82	Mensuration Level - 2	
83	Trigonometry	
84	Rational Functions & Expressions	
85	Sets	
86	Probability - Permutation and Combinations	