

# MATHEMATICS

## FOUNDATION + OLYMPIAD - UDAYA COURSE PLAN CLASS – 7<sup>TH</sup> & 8<sup>TH</sup> (1 - Year)


We bring best for student’s exceptional achievements to remain ahead in life!


S. No.	MATHEMATICS	SUBTOPIC
1	Set Theory	Set Theory
2	Number Theory	Number System
3		Real Numbers
4		Radical, Surds
5		Summation, Numbers Base
6		Divisibility Test
7		LCM, HCF, GCD
8		Algebraic expressions and their identities
9		Cryptogram
10		Fast Calculation
11		BODMAS
12		Linear Equation in one variable
13		Parity
14		The Pigeon Hole Principle
15		Puzzles
16		Games
17		Projects
18		Problem-Solving Strategies
19		Fraction and Decimal
20	ICSE - SPECIAL	Ratio and Proportion
21		Time and Work
22		Distance, Time and Speed
23		Percent and Its applications
24		Simple Interest
25		Profit, Loss and Discount
26	Factorisation	Factorisation
27	Co - ordinate Geometry	Co-ordinate Geometry, Graphs & Symmetry
28	Combinatorics	Combinatorics
29	Quadratic Equations and Expressions	Polynomial
30		Factor Theorem
31		Remainder Theorem
32		Fundamental Theorem of Algebra
33		Theory of equations, Inequalities through Problems
34		QEE
35	Relation & Function	Domain
36		Range
37		Standard Functions
38		{.} and [.]
39		Functional Relationship
40		Graph Plotting
41	Geometry	Lines
42		Triangles
43		Quadrilateral
44		Polygon
45		Prism

46		Tetrahedron
47		Kite
48		circles
49		Similarity, Congruency
50		Solution of triangle
51		Trigonometry
52	Mensuration	Area, Volume
53		Frustum
54		Cone, Circle
55		Cube, Cuboid
56	Constructions	Constructions
57	Inequalities	Inequalities

Note: (1) We will take some extra difficult topics related to school concerned in which students might be facing difficulty to understand.  
 (2) Regular testing (Subjective & Objective Both) on 21 Days.


**SCHOLARSHIP TEST**  
Registration





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Total No of Chapters	Testing & Evaluation	Course Duration	TOTAL FEE
13	In Every 4 <sup>th</sup> week	1 Year (3 Days in a week)	<b>Rs 40,000 + GST = Rs. 47,200</b>
<b>BATCH STARTS FROM 3<sup>RD</sup> WEEK OF MARCH</b>			
<b>PAYMENTS</b>			
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Note: (1) The admission is provisional and student needs to maintain discipline in the classroom, indiscipline implies termination from the classroom.

**The course includes the following services**

- 1) The full course completion and revision by end of January 2024.
- 2) Regular Testing (Online + Offline) in Objective and subjective approach.
- 3) Regular PTM after every 2 Months and progress report discussion.
- 4) Revision of the course & Semester wise course completion.

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**For more details, kindly contact us at:**

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AUTHOR, B.TECH IIT KANPUR (AIR 111)



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NTSE STAGE - II



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Yash Kedar chitale - 93.41  
Gayatri Shridhar - 92.39  
Rutuj Borgave - 92.31

Yash Deore - 91.42  
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