



Maths Olympiad Intermediate Program

Cheenta. Passion for
Mathematics.

WELCOME TO CHEENTA

Passion for Mathematics

Level 4

MATH OLYMPIAD PROGRAM - INTERMEDIATE

Welcome to Cheenta Math Olympiad Program. This program is suitable for AIME and USAMO aspirants in USA and similar Olympiads worldwide.

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ONE ON ONE CLASS

for every student
every week

TAUGHT BY OLYMPIANS

Researchers from leading institutes like I.S.I., C.M.I., and TIFR in India, and universities abroad

WEEKLY ROUTINE

Start with 2 classes per week

Group Class	One to One Class
Sunday 10 AM I.S.T	Class timing will be decided after admission
75 minutes	45 minutes

Work hard to activate more classes

Activate Additional Group Class within the fourth week

Prerequisites

- Attend all classes in the first four weeks (group and one-on-one)
- Try all the homework
- Ask at least 1 doubt per week in the support forum

Activate SuperStar group class

Prerequisites

- Attend all classes
- Try all the homework
- Ask at least 1 doubt per week in the support forum
- Respond to at least 1 doubt of other students per week.
- Faculty recommendation
- Qualifier Test

COURSE DURATION

- 1 year (48 weeks)

CURRICULUM

Your program includes the following:

- 7 long modules
- 12 optional mini modules

Long Module	Mini Module
Number Theory II (9 weeks)	Invariance Principle (2 weeks)
Combinatorics II (10 weeks)	Coloring Proofs (2 weeks)
Geometry II (9 weeks)	Extremal Principle (2 weeks)
Theory of Equation (4 weeks)	Mathematical Induction (2 weeks)

Inequality (6 weeks)	Pigeonhole Principle (2 weeks)
Complex Numbers (6 weeks)	Recurrence Relation (2 weeks)
Functional Equation (4 weeks)	AM - GM Inequality and Cauchy Schwarz (2 weeks)
	Sequences (2 weeks)
	Trigonometry (2 weeks) OR Coordinate Geometry (2 weeks)
	Bijection Principle (2 weeks)
	Infinite descent (2 weeks)
	Mathematical Games (2 weeks)

BOOK LIST

- Excursion in Mathematics by Bhaskaracharya Pratisthana
- Challenges and Thrills of Pre College Mathematics
- Problem Solving Strategies by Arthur Engel
- IMO Compendium

REFUND POLICY

(Full amount - US\$ service fee - wire transfer fee) will be refunded if the student wishes to discontinue within 7 days of admission provided the student attended all classes, tried the homework, and asked doubt questions in the support forum. No amount will be refunded thereafter.

No Refund will be processed if the student wishes to discontinue for personal reasons.