



Bose Junior Olympiad Curriculum

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- **Reference Book:** Pre College Mathematics by V.Krishnamurthy
- **Problem Reference:** Canadian Mathematics Kangaroo, UKMT Senior, AMC 10, Pre RMO
- **Eligibility:** Class 9 onwards

Week	Topic
1	The Arithmetic of Integers and Number theory
2	Euclidean Geometry
3	Quadratic equations and expressions.
4	Trigonometry
5	Coordinate Geometry
6	Permutations, Combination, and Elementary Combinatorics
7	Factorization of Polynomials
8	Inequalities
9	Probability theory
10	Finite series and Complex numbers