



By Mathico School of Mathematics
<https://summer.mathi.co/>



AMC-8 Extensive Camp (Grade level: Advanced 7, 8)

This course is the extensive preparation for American Mathematics Competitions (AMC) - the first of a series of competitions in secondary school mathematics that determine the United States team for the International Mathematical Olympiad.

COURSE TOPICS

Algebra-Equations, Algebra-Sequences and Series, Non-numeric Geometric Ratios, Algebra-Data, Data Sets, Geometry-Measures, Angle hunting, Right triangles, Geometry-Similarity, Scaling, Coordinate Geometry, Geometry-Composites, Working in 3D. Combinatorics-Counting, Symmetry, Venn and Branch Diagrams, Combinatorics-Probability, Outcomes, Symmetry and Conditional, Number Theory-Diagnostic, Efficiency Number Theory-Factorization, Cryptarithmic.