



Leap Ahead Academics

www.LeapAheadAcademics.com

Middle School Geometry - Full year online classes via Zoom for 8th & 9th Graders

Summary: Leap Ahead follows the Art of Problem solving curriculum for Middle/High school level courses, includes common core approaches, introductory to advanced concepts, easy to contest-level problem solving examples & exercises with strategies & techniques not covered in regular school.

Pre-requisites: Completed Leap Ahead Middle School Algebra (MSA) course or in 8th/9th grade with Algebra 1 level proficiency

Goals

- Comprehensive coverage of key High School Geometry course topics & problem solving practice
- Develop an in depth understanding of the concepts to build a solid foundation in these key subjects
- Prepare for major milestones in academic life & **build a track record of accomplishments** towards college application by staying ahead of the curve

Schedule:

- Two semesters: Fall Semester (late August to December) & Spring Semester (January to May)
- 1.5 hours per week - 15 weeks in Fall Semester & 17 weeks in Spring Semester
- Sunday & Weekday schedule options
- Add-on: “Genius Hour” sessions led by bright middle/high school math achievers - former Leap Ahead students ([MathCounts](#), [AMC 8](#) & [Math Kangaroo](#) contest problem solving & mentoring)

Curriculum

- Lessons contain foundational concepts, examples, classwork & homework exercises & quizzes
- Comprehensive coverage of key [Geometry topics](#) above & beyond middle school curriculum
- Excerpts: [[Similarity](#)] [[Circles & Angles](#)]
- Problem solving exercises from [MathCounts](#), [Mandelbrot](#), [HMMT](#), [UNCC](#), [ARML](#) & [AMC](#) contests

Where we excel

- Expert instructors with middle / high school teaching experience explain concepts in many ways
- Interactive class & homework portal helps students receive feedback & learn from mistake
- Problem solving approach helps students learn advanced concepts with ease
- Our students consistently qualify for advanced math level in middle & high school

Fall Semester Tuition: \$675 (15 weeks)

Spring Semester Tuition: \$750 (17 weeks)

Books & Online Fees: \$100 per year