

## GEOMETRY: REENROLLMENT FAQ FOR STUDENTS ENTERING LEVEL 7

### **Q: My child did not take Geometry 6. How can he catch up now?**

A: There are two ways to catch up on geometry at this stage. One is to take a special catch-up class in level 7, called Geometry I. Another way is to take a class called Intro to Geometry in Summer School. This summer class will cover the basics of Level 6 geometry, and will prepare your child to take the regular, continuing Level 7 Geometry class in the Fall.

### **Q: Why is geometry important?**

A: There are several reasons:

- Geometry is a vast subject, and only a genius can learn it really well in one or two years. Most students benefit a lot from learning it over several years.
- SAT I has questions on Geometry, and a large portion of Subject Math SAT are on geometric topics as well. **If you thinking about taking early SAT to qualify for Johns Hopkins CTY program – it is imperative to start Geometry now.**
- Even if you are not aspiring to JHU CTY, still the multi-year exposure to Geometry will surely greatly improve the ability of your child to reach higher SAT and Subject Math SAT scores.
- Geometry becomes a pre-requisite for our Pre-calculus 1 classes in level 9. It is important to get started on it as early as possible
- The logical structure of proof-based geometry is invaluable for building a solid math foundation. Ideas and skills underlying proof-based Geometry are essential in developing thinkers who will succeed in any professions.
- And, by the way, it is also fun.

### **Q: Must your child take Geometry next year?**

A: We do not mandate it. If you strongly dislike the idea of having the child spend 4 hours a week at MWSM, you can of course just sign up for Level 7 Algebra only.

### **Q: Does one have to take Geometry and Algebra on the same day?**

A: You can choose to take Algebra and Geometry on different days, or as a three hour block. There are two breaks during the four hour block, and most children handle it quite well.