

## **Math+: An Advanced Learning Opportunity At Saint Ignatius High School**

*Gain an edge – with skills that matter*

This is Mr. David Sabol, the Mathematics Chair at Saint Ignatius High School. I will be teaching an Advanced Mathematics class, **Math+**, this Fall for boys and girls in the 6<sup>th</sup> to 8<sup>th</sup> grades. This Fall's course focuses on Geometry.

I strongly believe in Math+ and would encourage your family to participate. Each Math+ course explores 1 major idea included in Stanford University's introductory math sequence. This is world-class content tailored to younger students. I continue to be impressed by how students get excited and passionate about math during Math+. We want students to be excited about math – and Math+ does a great job doing just that.

This season's course will be taught at Saint Ignatius High School on Saturdays from 1:00 to 2:00 pm starting on Saturday, October 29<sup>th</sup> for six weeks with a break on November 26<sup>th</sup> for Thanksgiving. The program will cost \$200. Families can sign-up at [www.RedwoodPrep.com](http://www.RedwoodPrep.com).

This Fall, the Math+ program will be focused on advanced Geometry. Geometry has critical real-world applications ranging from standardized tests to engineering disciplines. But geometry also relates to important modern challenges including how to create 3-dimensional pictures on 2-dimensional screens such as computers and televisions.

Over the six weeks, we will learn and explore this critical concept. The course will start by deepening students' understanding of Geometry's basics. Students will learn how to derive area and volume formulas for all the basic shapes including squares, rectangles, triangles and cones among others. With this knowledge in place, we will explore more advanced concepts including non-Euclidean, modern geometry, which helps computers generate 3-dimensional pictures on a 2-dimensional screen.

Most interested students can succeed in Math+. I find that students with a gift for math or a real desire to participate can succeed and learn a lot. Students interested in advanced math classes, high performance on standardized exams or general math ability will particularly benefit.

If you have any questions, please reach out. I hope to work with you and your family on this exciting program.

Best,

Mr. David Sabol

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