

Math+: An Advanced Learning Opportunity At Strake Jesuit

Gain an edge – with skills that matter

This is Mr. Reynold D'Souza, a Mathematics Instructor at Strake Jesuit. I will be teaching an Advanced Mathematics class, **Math+**, this Spring for boys and girls in the 6th to 8th grades. This Spring's course focuses on Infinity.

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 Strake Jesuit on Tuesdays from 5:00 to 6:00 pm starting on Tuesday, March 21st for six weeks. The program will cost \$200. Families can sign-up at www.RedwoodPrep.com.

This Spring, the Math+ program will be focused on the concept of Infinity. Infinity can be defined as “something without any limit”. The concept has applications across disciplines but is particularly critical in mathematics where the concept has been at the center of the field since 1655 when John Wallis, a leading mathematician, defined its mathematical symbol.

Over the six weeks, we will explore different aspects of this critical concept. In the first day, students will learn whether .9 repeating equals 1 (or not) and how to define infinity mathematically. Following sessions will teach students both highly practical applications and important mathematical insights. For example, students will learn how to calculate the value of bonds and mortgages using a mathematical formula and will learn about two different types of infinities (countable and uncountable) and what distinguishes them.

Most core applications will rely on skills students already know such as addition, multiplication, fractions etc. Problems and concepts included in the course are provided at a level students can first handle and then master.

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. Reynold D'Souza

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