

**Math+: An Advanced Learning Opportunity**  
**At Creighton Preparatory School**

*Gain an edge – with skills that matter*

This is Mr. Eric Thompson, a Mathematics Instructor at Creighton Prep. I will be teaching an Advanced Mathematics class, **Math+**, this Summer for boys and girls rising into the 6<sup>th</sup> to 9<sup>th</sup> grades. This Summer's course focuses on Applied Number Theory.

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 Creighton Prep on Mondays, Tuesdays and Thursdays from 1:00 to 2:15 pm starting on Monday, June 11<sup>th</sup> and ending on June 21<sup>st</sup>. The program will cost \$200. Families can sign-up at [www.RedwoodPrep.com](http://www.RedwoodPrep.com).

This Summer, the Math+ program will be focused on Applied Number Theory – mathematical applications related to the study of integers (e.g., -1, 2, 3).

The course begins by introducing the binary number system – a number system consisting of only 0s and 1s. The course then moves to cryptography – the practice and study of techniques to secure communications from adversarial third parties. The course ends by exploring computer science concepts including communication and transformation. The course addresses advanced ideas but will leverage math skills students already know including addition, subtraction, multiplication etc.

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. Eric Thompson

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