

# MATH TEAM

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## MATHEMATICS at Radcliffe Creek School

Math is all around us and, at Radcliffe Creek School, every student is encouraged to embrace their inner mathematician.

**DISCOVER.**

**CREATE.**

**THRIVE.**

Our mathematics program is designed to teach students essential concepts such as numeration, place value, and computation through multi-sensory, hands-on exploration.

Drawing from the standards set by the National Council of Teachers of Mathematics, we tailor our curriculum to meet students' individual goals, ensuring a personalized approach to learning.



Rather than relying on rote memorization of facts and algorithms, we emphasize conceptual understanding by combining visual imagery with language—a method known as dual coding. This approach helps students build a deeper, more intuitive grasp of mathematical ideas.

To enhance instruction, teachers use research-based programs such as Math-U-See, Mindset Mathematics, and On Cloud Nine® Visualizing & Verbalizing for Math, which align with the latest findings in the neuroscience of learning.



At Radcliffe Creek School, we cultivate a growth mindset, empowering students with strategies that suit their unique learning styles. Our goal is to shift their perspective from "I'm not a math person" to one of confidence and capability.

By fostering this transformation, we help every student see themselves as a competent and skilled mathematician.