



MENAU
SCHOOL

Integrated Mathematics at Menaul School

Why Move to Integrated Mathematics?

Worldwide System

Integrated Mathematics is the best system for delivering strong math skills worldwide. World Smart isn't just a slogan, we're taking the best programs from around the world and bringing them to Menaul School

Future Options

Getting every student to succeed at grade-level math opens up a world of college and career possibilities. Your student may not plan to be an aerospace engineer now, but we want to be ready if they change their mind

Raising Standards

Menaul School believes in a growth mindset - In mind, body and spirit, our mission is to prepare students to succeed. We'll push them to do more with one hand, and reach out the other in support

What is Integrated Mathematics?

A World Smart Mathematics Progression at Menaul School

Integrated Mathematics

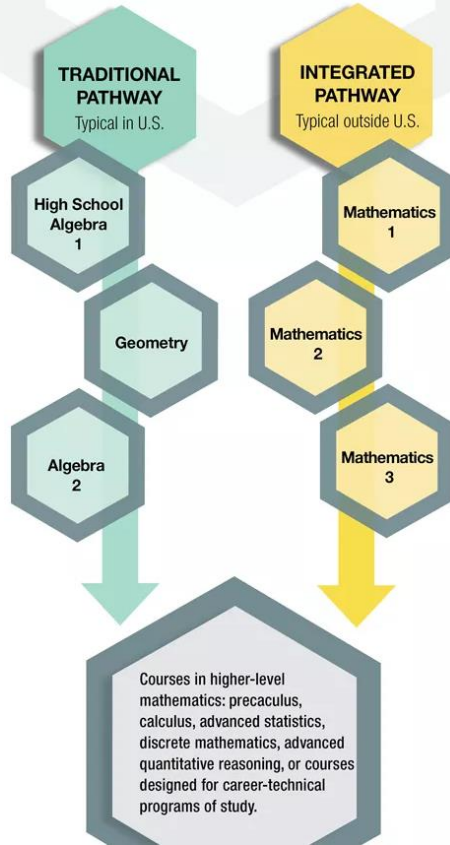
- ◆ Teaches the same skills and content as the “traditional” American Algebra I – Geometry - Algebra II course sequence
- ◆ Connects Algebra, Geometry, Statistics, and Probability together in each course rather than separating them
- ◆ Is strongly aligned with standards and acceptable to all universities in the country and worldwide
- ◆ Is a tried-and-tested curriculum used worldwide, including in all of the best-performing countries on international math assessments
- ◆ Is based on best education theory - students learn best when they can immediately apply their knowledge to solve meaningful questions
- ◆ Is proven to lead to better math outcomes for our students by constantly reinforcing and connecting math skills across disciplines

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Integrated math lends itself to investigations that allow students to explore math for themselves and see how it relates to the real world and future careers

PATHWAYS IN THE COMMON CORE

The Common Core State Standards lay out two pathways for teaching math in high school—the traditional Algebra 1-geometry-Algebra 2 sequence and an integrated sequence. The integrated math sequence blends the topics of algebra, geometry, probability, and statistics.



Integrated Mathematics is fully supported and understood by education professionals in the United States and worldwide, no one will question what “Mathematics 1/2/3” means on your transcript

How Does Integrated Mathematics Progress?

A World Smart Mathematics Progression at Menaul School

Integrated vs. Traditional Course Progression

	Traditional	Accelerated Traditional	Integrated	Integrated w/Support	Integrated Jump Start
Grade 8	Pre-Algebra	Algebra I	Mathematics 1	Math 1 + Support	Pre-Algebra or Other
Grade 9	Algebra I	Geometry	Mathematics 2	Math 2 + Support	Mathematics 1 & Mathematics 2
Grade 10	Geometry	Algebra II	Mathematics 3	Math 3 + Support	Math 3 + Support
Grade 11	Algebra II	Precalculus	Precalculus	Precalculus	Precalculus
Grade 12	Precalculus	Calculus/Statistics	Calculus/Statistics	Calculus/Statistics	Calculus/Statistics

Standard vs. Supported Mathematics

Standard

For students who have strong math skills, the standard Integrated Mathematics track will see them able to advance to Calculus by senior year with one math course per year, a true “college prep” course progression

Supported

Students who struggle with math or want additional help will receive an extra math class with a different teacher and educational technology to build the skills necessary to get to grade level as quickly as possible. Students who reach grade level may withdraw from support courses



*Every student can succeed at
Math when given the right
support*