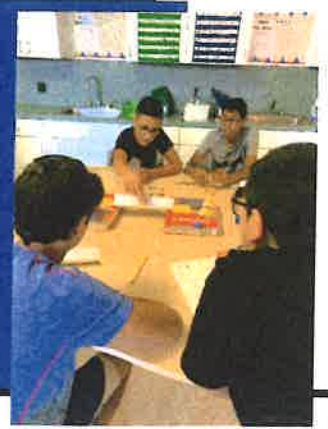




COURSES OFFERED

Grade 6 Math
Grade 7 Math
Grade 8 Math

Algebra 1AC
Geometry AC



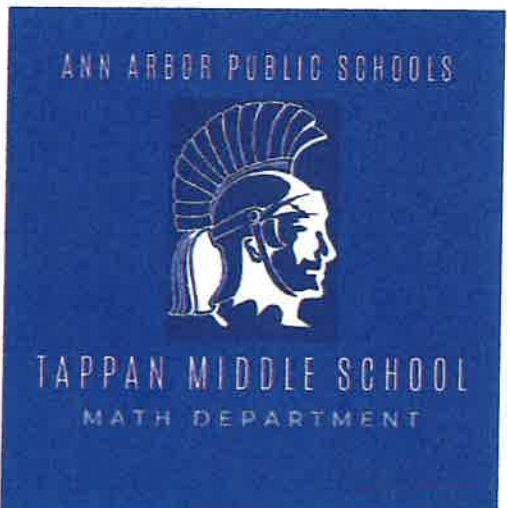
CURRICULUM



Connected Mathematics 3 is an inquiry based mathematics program for Grades 6-8. It helps students focus on problem solving, reasoning and proof, communication, representation, and connections through a carefully sequenced set of tasks.



Karen Arnold
Casandra Acord
Erin Borges
David Champion
Daniel Etz



Stephan Hogan
Mandy Hood
Kathy Spiess
Susan Sullivan
Darrell Taylor



RESOURCES/SUPPORT

- Math Support classes for all three grade levels. (including Dreambox, Delta Math RTI, and Stanford University "How to Learn Math" course)
- Homework Club
- Mentoring provided by local university students



MATH COUNTS CLUB

Math Counts is a highly competitive club in which students do math problems that require problem solving skills from unique points of view. The team competes at the regional level each year. They placed 1st in 2018 and 3rd in 2019.



Content by Course



- Factors & Multiples
- Ratios, Rational Numbers, & Equivalence
- Understanding Fraction Operations

Grade 6 Math

- Two-Dimensional Measurement
- Computing With Decimals & Percents
- Focus on Algebra
- Statistics & Data Analysis

- Two-Dimensional Geometry
- Integers & Rational Numbers
- Understanding Similarity
- Ratios, Rates, Percents, & Proportions

Grade 7 Math

- Linear Relationships
- Probability & Expected Value
- Three-Dimensional Measurement
- Making Comparisons & Predictions

- Linear & Inverse Variation
- The Pythagorean Theorem
- Exponential Functions

Grade 8 Math

- Making Sense of Symbols
- Systems of Linear Equations & Inequalities
- Symmetry & Transformations

- Linear & Inverse Variation
- The Pythagorean Theorem
- Exponential Functions
- Making Sense of Symbols

Algebra 1AC

- Systems of Linear Equations & Inequalities
- Symmetry & Transformations
- Quadratic Functions
- The Families of Functions

- Essentials of Geometry
- Introduction to Proof
- Parallel & Perpendicular Lines
- Congruent Triangles
- Triangle Relationships
- Quadrilaterals

Geometry AC

- Similarity
- Right Triangles & Trigonometry
- Transformations
- Circles
- Length & Area
- Surface Area & Volume of Solids

