![Slauson Middle School logo]

Slauson
Middle School

Home of the Golden Bears!

**2023-2024
School Year**

Math

Slauson Math Department

**Math Department
Teaching Staff**
Slauson Math Lead:
Mrs. Nicole Kedroske

Mr. Todd Gocken
Geometry AC & Math Strategies

Mr. Jack Fernbacher
Math 7 & Grade 8 Math & Math Strategies

Mrs. Nicole Kedroske
Math 7 & Algebra 1AC

Ms. Mary-Lynn Piper
Math 7 & Algebra 1AC

Mr. Chris Sternfels
Math 6 & Algebra 1AC

Mr. Michael Withers
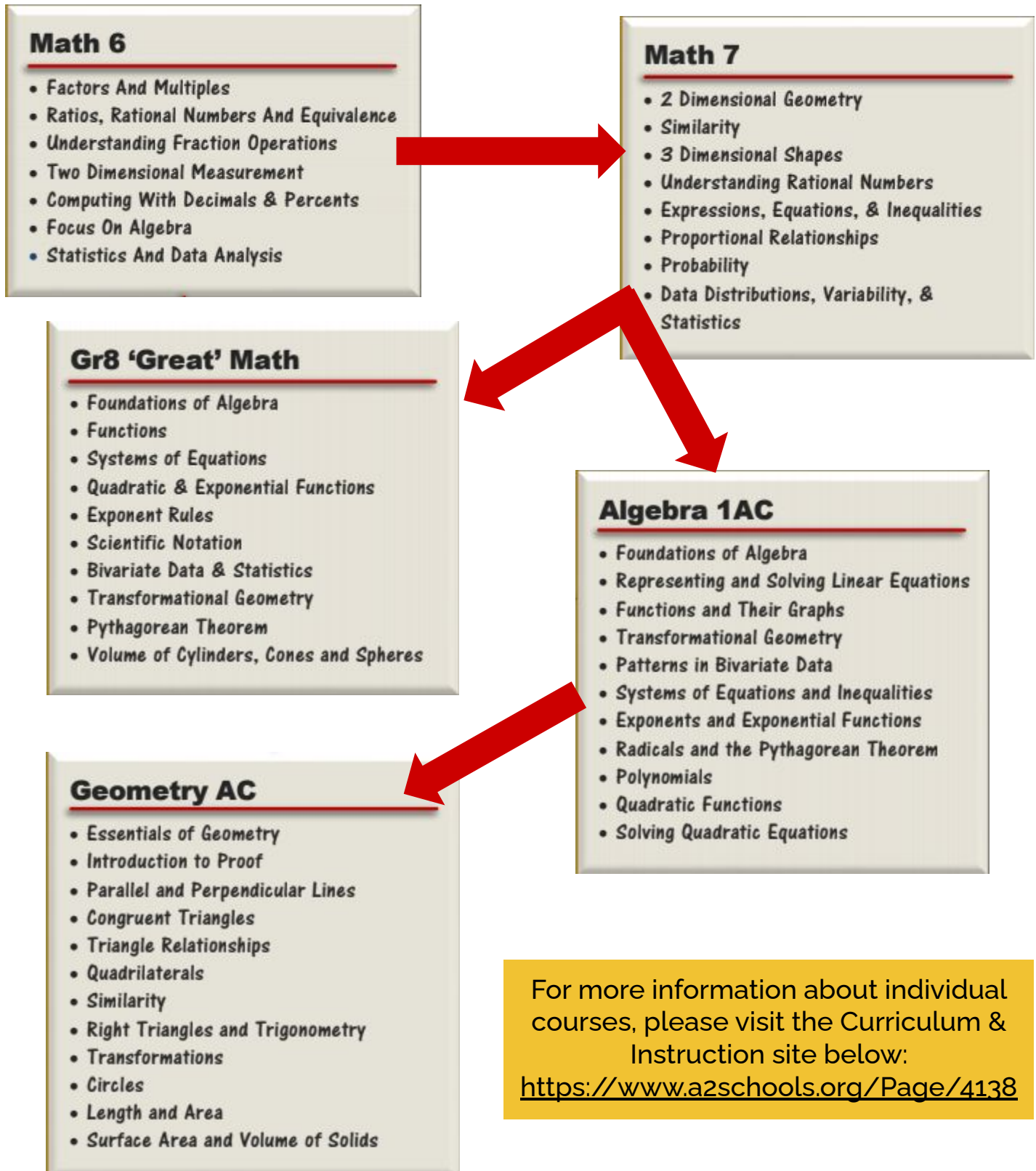Math 6 & Grade 8 Math

*Courses Taught 2022-2023
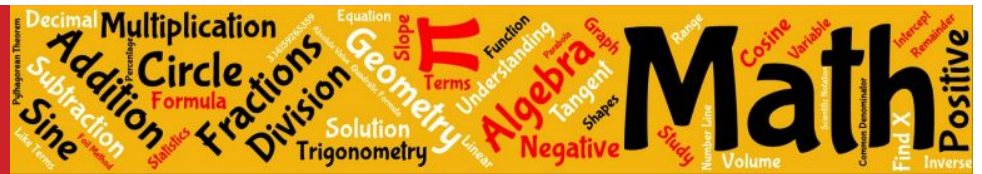
The goal of the Slauson math department is to help students become more confident in math, keep a growth mindset while taking healthy risks, to experience success, to have fun, and to build a solid foundation for future math courses.

Our Golden Bears can expect to engage in learning that is aligned to rigorous and relevant experiences that will prepare them to be career and college ready. These authentic mathematical experiences will help students deepen their understanding of foundational concepts and number sense skills.

At Slauson, teachers work hard to make sure their assignments and assessments are aligned to specific learning targets. This is done in order to make it easier for students, families, and teachers to have a clearer understanding of what targets have been mastered and which targets students still need to practice. Instruction is adjusted based on student need and feedback in order to support all students mastering the learning targets. When students have not demonstrated mastery on a learning target it is strongly encouraged that they do some additional practice and complete a retake in order to improve their understanding.

Math Courses at Slauson Middle School

We offer math classes starting with Math 6 and continuing through Geometry AC . Below is a flow chart that explains the sequence of math courses offered at Slauson Middle School.

Math 6

- Factors And Multiples
- Ratios, Rational Numbers And Equivalence
- Understanding Fraction Operations
- Two Dimensional Measurement
- Computing With Decimals & Percents
- Focus On Algebra
- Statistics And Data Analysis

Math 7

- 2 Dimensional Geometry
- Similarity
- 3 Dimensional Shapes
- Understanding Rational Numbers
- Expressions, Equations, & Inequalities
- Proportional Relationships
- Probability
- Data Distributions, Variability, & Statistics

Gr8 'Great' Math

- Foundations of Algebra
- Functions
- Systems of Equations
- Quadratic & Exponential Functions
- Exponent Rules
- Scientific Notation
- Bivariate Data & Statistics
- Transformational Geometry
- Pythagorean Theorem
- Volume of Cylinders, Cones and Spheres

Algebra 1AC

- Foundations of Algebra
- Representing and Solving Linear Equations
- Functions and Their Graphs
- Transformational Geometry
- Patterns in Bivariate Data
- Systems of Equations and Inequalities
- Exponents and Exponential Functions
- Radicals and the Pythagorean Theorem
- Polynomials
- Quadratic Functions
- Solving Quadratic Equations

Geometry AC

- Essentials of Geometry
- Introduction to Proof
- Parallel and Perpendicular Lines
- Congruent Triangles
- Triangle Relationships
- Quadrilaterals
- Similarity
- Right Triangles and Trigonometry
- Transformations
- Circles
- Length and Area
- Surface Area and Volume of Solids

For more information about individual courses, please visit the Curriculum & Instruction site below:
https://www.a2schools.org/Page/4138