SAT Math Syllabus
Aug. 24, 2025 to May 3, 2026

Instructor Information

Instructor	Email	Telephone
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General Information

Description

The Scholastic Aptitude Test (SAT) is a college admissions test. It's used as a benchmark, a way of comparing the academic levels of students from different high schools. It is one of the longest, most challenging, and most important tests that students take in their high school career. The SAT scores will typically play an important role in the applications to most U.S. colleges, universities, and even scholarships.

Our SAT Math class is planned for 2-year study. In the first year we focus on Algebra and in the second year we focus on Geometry and Statistics.

Expectations and Goals

Through the detailed study of SAT Math topic by topic, students would be able to apply the strategies and skills they learn to solve problems.

Course Materials

Suggested textbook: *SAT Math Mastery: Advanced Algebra, Geometry and Statistics*, 2nd Edition, written by Christian Heath. Textbook is suggested but not required. The instructor will prepare the problems for the class and homework.

Course requirement

Follow the instructor, focus on the problem, and be ready to volunteer. You will be given around 10 problems in class. The problems not finished in class are the homework. Submit the homework in the next meeting.

Course Schedule

Date	Topic	Date	Topic
	Fall Semester		**Spring Semester**
08/24/25	Polynomial Long Division	**01/04/26**	Special Right Triangles
08/31/25	**Labor Day, no class**	**01/11/26**	Similar Triangles
09/07/25	Equation of a Circle	**01/18/26**	**MLK Day, no class**
09/14/25	Imaginary & Complex Numbers	**01/25/26**	Soh Cah Toa
09/21/25	Conjugate Fractions	**02/01/26**	Additional Trigonometry Topics
09/28/25	Functions (1)	**02/08/26**	Circles, Arcs, Sectors & Radians (1)
10/05/25	**MCS Picnic, no class**	**02/15/26**	**Chinese New Year Party, no class**
10/12/25	Functions (2)	**02/22/26**	Circles, Arcs, Sectors & Radians (2)
10/19/25	Systems of Equations (1)	**03/01/26**	Area & Volume (1)

Date	Topic	Date	Topic
10/26/25	Systems of Equations (2)	03/08/26	Area & Volume (2)
11/02/25	Systems of Equations (3)	03/15/26	**Spring Break, no class**
11/09/25	Graphs	03/22/26	Geometry into Algebra
11/16/25	Angles	03/29/26	Combined Shapes
11/23/25	**Thanksgiving, no class**	04/05/26	**Easter, no class**
11/30/25	Pythagorean Theorem	04/12/26	Basic Statistics
12/07/25	Comprehensive	04/19/26	Statistics Conclusions
12/14/25	**Winter break**	04/26/26	Comprehensive
12/21/25	**Winter break**	05/03/26	**Award Day**
12/28/25	**Winter break**	05/10/26	**Summer**

Additional Information

No exam