



San Antonio Math Include

Provide Greater Access to STEM Education to All Students

2021 Summer@SaMi Free Online Summer Camp

mathinclude.org

sanantoniomathinclude@gmail.com

Three Weeks (Monday to Friday)

- July 19-23.
- July 26-30.
- August 2-6.

*All three weeks are the same. You just need to sign up for one week.

*You can sign up for the AM session, the PM sessions, or both.

*Low income families will receive scholarships to cover part of their remote learning expenses.

Two Sessions (AM and PM)

- 9-12 AM Core Courses (Central Time)
- 1-4 PM Enrichment Courses (Central Time)

AM Core Courses (K-12)

PM Enrichment Courses (K-12)

Every class has a 20-student limit. Those who sign up after the 20-student limit will be automatically waitlisted.

Tadpoles (K-1)

- M: Counting.
- T: Addition and Subtraction.
- W: Comparing.
- Th: Measurement.
- F: Fraction.

Whirlpool (2-3)

- M: Addition and Subtraction.
- T: Expression and Measurement.
- W: Odds and Evens.
- Th: Algorithms.
- F: Problem-Solving.

Fun Math (K-5)

- M: Möbius Strips & Möbius Surprise.
- T: Map Coloring and Greedy Algorithm.
- W: Sierpinski Triangle.
- Th: Snowflake.
- F: Tangrams.

Andromeda (4-5)

- M: The Four Operations.
- T: Number Theory.
- W: Logic.
- Th: Reminder.
- F: Angels and Triangles.

Pre-Algebra (5-8)

- M: Multiplication and Division.
- T: Logic.
- W: Fractions.
- Th: Factors and Integers.
- F: Decimals.

Python for Kids (3-5)

- M: Get Started.
- T: Things in Python.
- W: Drawing with the Turtle.
- Th: Control Statements.
- F: Going Loopy.

Algebra I (6-12)

- M: Integers.
- T: Expression and Equation.
- W: Statistics, GCF, LCM.
- Th: Fraction, Ratio, Rate.
- F: Decimal, Percent, Exponent.

Java for Beginners (6-12)

- M: Your First Java Program.
- T: Data Types and Variables.
- W: Objects and Classes.
- Th: Decision-Making and Loop.
- F: File & Exception Handling.

Java Coding Camp (6-12)

- M: Coding Problem Set 1.
- T: Coding Problem Set 2.
- W: Coding Problem Set 3.
- Th: Coding Problem Set 4.
- F: Coding Problem Set 5.

Algebra II (6-12)

- M: Polynomial Operations and Venn Diagrams.
- T: Complex Numbers.
- W: Factoring Polynomials.
- Th: Quadratic Equations.
- F: Exponential and Logarithmic Equations.

C++ for Beginners (6-12)

- M: Get Started.
- T: Statements.
- W: Array.
- Th: String.
- F: Class and Object.

C++ Coding Camp (6-12)

- M: Coding Problem Set 1.
- T: Coding Problem Set 2.
- W: Coding Problem Set 3.
- Th: Coding Problem Set 4.
- F: Coding Problem Set 5.

Calculus (8-12)

- M: Limits.
- T: Derivatives.
- W: Applications of the Derivative.
- Th: Integration.
- F: Applications of the Integration.

Bytes of AI (8-12)

- M: AI & Drawing.
- T: AI & Facial Recognition.
- W: AI & the Environment.
- Th: AI & the Criminal Legal System.
- F: AI & Ethics.