

Newton Chinese Language School
SAT 1 Math

Course Name	SAT 1 Math
Suggested to the students in public school	Grade 7-11
Course Length	1 year
Reference Textbook	The College Panda SAT Math Advanced Guide and Workbook for the New SAT ISBN-10/ISBN-13: 0989496422/978-0989496421 https://www.amazon.com/College-Pandas-SAT-Math-Advanced/dp/0989496422

Course Structure

Unit 1: Linear Models (Heart of algebra)

- ★ Linear equations
- ★ Systems of linear equations
- ★ Linear inequalities

Unit 2: Non-linear Models

- ★ Quadratics
- ★ Exponentials
- ★ Square roots
- ★ Absolute value
- ★ Expressions
- ★ Functions

Unit 3: Data Analysis

- ★ Ratios, Rates, Percent and Proportion
- ★ Statistics

- ★ Probability
- ★ Reading Data

Unit 4: Additional Topics

- ★ Volume
- ★ Circles
- ★ Angles
- ★ Triangles and Trigonometry
- ★ Complex numbers