



CCC Chinese School

Math Enrichment Lessons

(In-person small-group classes)

When: Sundays, 2:50 PM to 3:40 PM

Dates: September 7, 2025 – May 10, 2026

Total: 25 lessons

Where: Shaker Middle School, 475 Watervliet Shaker Rd, Latham, NY 12110

Chinese School Math classes are designed to challenge and inspire students in Grades 2–8 and beyond! Our in-person small class sizes courses are crafted to be more rigorous than standard school math curriculum at the same grade level, with the goal of accelerating students' math skills and boosting their confidence in the classroom and beyond.

Lessons Highlights: Our enrichment courses use advanced materials from Singapore Math Dimensions and Art of Problem Solving (AoPS) to provide a deeper, more engaging learning experience. Each course is tailored to push students beyond their grade-level expectations, fostering critical thinking, problem-solving, and a love for math.

Why Choose Our Program? Our Math Enrichment Program is designed to challenge students beyond their school curriculum, helping them develop the skills and confidence to excel in math. By tackling advanced topics and rigorous problem sets, students will gain a competitive edge, deepen their understanding, and build a strong foundation for future success in math and related fields.



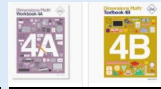
Course Offerings:

Math 2 – For Grade 2



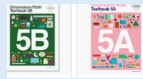
- **Course Materials:** Singapore Math Dimensions Math 2B, 3A, and 3B.
- **Course Topics:** multiplication and division, fractions, time, capacity, money, graphs, and perimeter and area.

Math 3 – For Grade 3



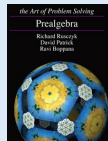
- **Course Materials:** Singapore Math Dimensions Math 4A and 4B.
- **Course Topics:** multiples and factors, multiplication and division for multi-digit numbers, word problems, measurement, decimals, lines and graphs.

Math 4 – For Grade 4



- **Course Materials:** Singapore Math Dimensions Math 5A and 5B.
- **Course Topics:** expressions and operations, operations of fractions, operations of decimals, conversion of measures, ratio, rate, percentage, angles.

Math 5: Pre Algebra –

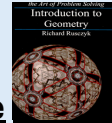


- **Course Materials:** AoPS Prealgebra
- **Course Topics:** arithmetic, exponents, divisibility, decimals and fractions, square roots, equations and inequalities



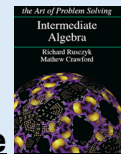
Math 6: Intro Algebra – Kids who took pre algebra before

- **Course Materials:** AoPS Introduction to Algebra
- **Course Topics:** linear equations, proportion, quadratic equations, factorizations, graphs of lines and parabolas



Math 7: Geometry - Kids who took pre and Intro algebra before

- **Course Materials:** AoPS Introduction to Geometry
- **Course Topics:** angles and parallel lines, congruent and similar triangles, right triangles, quadrilaterals, circles, analytic geometry



Math 8: Interm Algebra - Kids who took Intro algebra before

- **Course Materials:** AoPS Intermediate Algebra
- **Course Topics:** functions, complex numbers, quadratics, polynomials, sequences and series, trigonometry

School Website: www.albanychineseschool.org

Contact: principal@cccalbany.org