



CCC Chinese School Math Lessons Syllabus

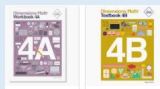
(In-person small-group classes)

When: Sundays, 2:50 PM to 3:40 PM 9/13/26-5/9/27 Total 25 lessons @ Shaker Middle School, Latham, NY



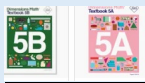
Math 2 – For Grade 2

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



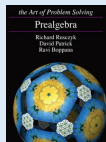
Math 3 – For Grade 3

- **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.



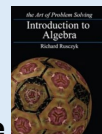
Math 4 – For Grade 4

- **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.



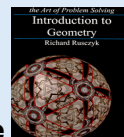
Math 5: Pre Algebra

- **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