



This class will provide a preview of key topics in Pre-Algebra. Students are expected to learn the basic concepts in pre-algebra in order to prepare for more in depth study at the fall. Weekly homework will be assigned.

Topics to be covered:

- 1: Review of Arithmetic Properties (place value, order of operation, distributive law)
- 2: Squares and Exponents
- 3: Multiples and Divisibility Test, Prime numbers
- 4: Prime factorization, Least Common Multiple, Greatest Common Divisor/Factor
- 5: Fractions (Multiplying fractions, Dividing by a fraction, Simplest form of a fraction, adding and subtracting fraction, comparing fractions)
- 6: Equations (Expressions, Solving linear equations, Simple inequalities)
- 7: Ratios (Ratios, Proportion, Conversions, Speed)
- 8: Percent and Square Root
- 9: Basic Geometry (Angles, Parallel lines, Parameter and Area of polygons)
- 10: Circles and Right Triangles

Age: Incoming 6-7 graders , only one group of 8 seats.

* Pre-requisite: finishing 6th grade math or at equivalent level. Familiar with time table and basic computation.

Class Date/Time:

PALG: Saturday, 10:50-12:15 (85 minutes)

6/10, 6/17, 6/24, 7/8, 7/15, 7/22, 7/29, 8/5, 8/12, 8/19 (10 weeks, no class on 7/1)

Tuition: Summer session 10 weeks for \$425.

Registration: Please come to Books and Me Library to register in person. For more information, please visit www.booksandme.org.

Our Teacher

Mr. Andrew Tseng: Mr. Tseng is currently acting IT Manager at City of Los Altos. He has a B.S. and M.S. degree in Agricultural Chemistry from National Taiwan University, and an MBA degree from Santa Clara University. He is also a Microsoft Certified System Engineer.