ADVANCED MATHEMATICS

Our math classes feature a new way of learning math that's <u>not</u> confined to one's grade level!

Students will initially be grouped by their self-evaluated level of proficiency in math and further evaluated during classes to determine the best level for them.

These classes are geared towards students in grades K-4th who are seeking to solidify their mathematics foundation and eventually advance to a higher than current grade level understanding of math.

<u>Classes Offered:</u>

Math 1A

Math 1B (graduates of Math 1A will move on to Math 1B)

Math 2A

Math 2B (graduates of Math 2A will move on to Math 2B)

Math 3A

Math 3B(graduates of Math 3A will move on to Math 3B)

Math 4A

Math 4B (graduates will move on to Math 4B)

*Students who sufficiently meet our standards for Math 1A & 2A, 3A, & 4A will later advance to Math 1B & 2B & 3B &4B classes (respectively)

www.southlaketutoringacademy.com

Math 1A – Singapore 1A

Numbers 0 to 10
Addition/subtraction to 20
Common shapes
Ordinal numbers

MATH 1B - SINGAPORE 1B

Numbers to 100
Comparing numbers
Graphs
Numbers to 40 addition/subtraction
Telling time
Money

Math 2A- Singapore 2A and 2b

Numbers to 1,000
Addition/Subtraction with & without remainder
Multiplication/Division
Fractions (halves and quarters)
Time
Graphs
Geometry

Math 2B- Singapore 3A and 3B

Numbers to 10,000
Addition/subtraction (thousands)
Multiplication & division (ones, tens, & hundreds)
Time
Graphs
Geometry (right angle)
Area & perimeter

Math 3 A- Singapore 4A (* usually equivalent to 2nd semester 4th grader*)

Numbers to 100,000

Multiplication by 2 digit numbers

Division by 1 digit numbers and by 10

Fractions (adding, subtraction, mixed numbers, improper fractions)

Tables and Graphs

Geometry (angles, perpendicular & parallel lines, area, perimeter)

Math 3B- Singapore 4B (* usually equivalent to a 1st semester 5th grader*)

Decimals (tenths, hundredths, thousandths, rounding)

The four operations of decimals (addition/subtraction, multiplication/division)

Symmetry (symmetric figures)

Solid figures

Volume (cubic units, volume of cuboid)

Measures (multiplication/division)

Math 4A-Singapore 5A (*usually equivalent to 2nd semester 5th grader*)

Whole numbers (millions, approximation and estimation, order of operation)

Multiplication by tens, hundreds, thousands, 2 digit number

Division by tens, hundreds, thousands, 2 digit number

Fractions (addition/subtraction unlike factors, mixed numbers)

Fractions (multiplication and division)

Ratio

Geometry (area of triangle, angles - measuring, finding unknown angles)

Math 4B-Singapore 5B (*usually equivalent to 1st semester 6th grader*)

Decimals (approximation, estimation, multiplication, division, conversion of measurements)

Percentage (fractions as percentage, percentage of a quantity)

Average

Rate

Graphs

Triangles (sum of angles, isosceles and equilateral)

4-sided figures (parallelograms, rhombuses, trapezoids)

Tessellations (tiling patterns)

Volume (cubes, cuboids, volume of a solid)