Elementary School

DISCOVER OUR READING AND MATH TUTORING PROGRAMS IN SUGAR LAND TX

IQ Learning offers a comprehensive ELA & Math program for both elementary and middle school students. The program is divided into 5 levels: L1 through L5.

L1 and L2 are at the Elementary school Grade 4 and 5 levels while L3 through L5 are for the Middle school grades 6 through 8 students. At the end of level 5, students should be well prepared to take up algebra, geometry, and other advanced math courses in high school.

At IQ Learning, we offer English Language Arts (ELA), Math and Science programs to elementary and middle school students in the Sugar Land, TX area. These are fundamental skills required for future success in high school and beyond.

Our instructors are committed to helping students realize their academic potential and helping to make them feel proud of their achievements. When given the right tools for math problem solving by our professional tutors, math can be fun!

READING PROGRAMS

Reading can be a difficult area for many young students, which may be due to lack of exposure or a learning disorder such as dyslexia.

Whatever the case, our tutors are experienced in working with students of all reading levels and are uniquely qualified to help build their confidence through a supportive environment and effective learning strategies. Our tutoring plans are customized to the student's individual needs and progress in difficultly appropriately.

For more information about our reading programs click here.

MATH LEVEL 1 (STARTS FROM GRADE 4)

- Addition and subtraction of 2, 3 and 4-digit numbers
- Addition and subtraction of whole numbers on a number line
- Concept of negative numbers through number line
- Adding positive numbers with negative whole numbers
- Adding negative whole numbers with negative whole numbers
- Word problems on negative whole numbers
- Factors, prime factors, common factors and highest common factors

- Multiples, common multiples and lowest common multiples
- Multiply and divide 2-4 digit whole numbers
- Learn multiplication tables 2 – 16
- Division leads to fractions: Visualizing fractions through geometric figures
- Adding and subtracting fractions
- Multiplying and dividing fractions
- Comparing large (9-digit) whole numbers with decimals, and fractions
- Placing simple fractions on a number line
- Simplify fractions to equivalent fractions by multiplying and dividing with common factors
- Word problems on whole numbers and fractions combined (problems on distance, work, mixtures, elapsed time)
- Relate fractions with decimals: Convert fractions to decimals and decimals to fractions
- Rounding numbers to the nearest tenths, hundredths
- Metric units of length and conversion to conventional (FPS) units
- Collect, organize and interpret data in bar and line graphs
- Introduction to mental math
- Plane and solid geometric figures – perimeters
- Lines, line segments, angles
- Acute, obtuse and right angles
- Draw angles using protractors
- Parallel and perpendicular lines
- Introduction to similar and congruent triangles
- Introduction to squares, rectangles and their fundamental geometric properties
- Coordinate graphs: Axes, draw coordinate points. Draw line segments, rays and lines translate and reflect - coordinate points and line segments
- Measurement problems: Areas, volumes of simple geometric figures; word problems related to these concepts

MATH LEVEL 2 (GRADE 5)
- More word problems on metric and customary (FPS) units of measurement, length, time, temperature, areas, volumes, and their changes
- Add, subtract, multiply and divide combinations of whole numbers, fractions and decimals
- Compare whole numbers, fractions and decimals
- Convert mixed numbers to improper fractions and reverse
- Order of operations in expressions
- Statistical measures: Mean, mode and median of data
- Drawing conclusions from data and patterns among data
- Probability: Simple cases, addition and multiplication of probabilities
- Word problems on probability and statistical measures
- Introduction to variables
- More mental math
- Like and unlike terms, addition and subtraction of like terms
- Use word problems to show the importance of variables in daily life
- Solving simple equations involving addition and subtraction