



Learn
Explore
Grow
Beyond

Want to Get Ahead in School Math?

Ready for advanced math, but need the right guidance to get there?

*Bigger
Goals
Brighter
Future*

Algebra

Geometry

Precalculus

Calculus



Accelerated Math by {igebra.ai}

Learn Beyond Your Grade. Get Ahead with Confidence.

Does This Sound Familiar?



Math at school feels too easy.



My child finishes the work quickly but isn't being challenged.



They love math, but I don't know what they should learn next.



I want them ready for advanced / AP mathematics.



They understand concepts quickly but their school curriculum moves slowly.



I need expert guidance to help them move ahead without creating gaps.

*Curious
Learners
Brighter
Tomorrows*

***If they're ready for more,
why make them wait?***



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Why Choose {igebra.ai} Accelerated Math?

Accelerated Learning. Personal Attention. Strong Foundations.

More
Possibilities
Brighter
Futures

Invest
in
What's
Next



Live Online Classes

Real-time learning with expert Math educators.



Only 2 Students Per Batch

More interaction.
More individual attention.



60-Minute Class Per Week

Focused, consistent learning.



Aligned with US, Canada & IB School Standards

Globally relevant curriculum.



High-Quality Video Backup

Revise anytime, anywhere.



Supplementary Live Math Classes

Additional support when needed.



Homework Assistance & Practice Resources

Learning continues beyond the live class.



Regular PTMs

Stay informed about progress, strengths and next steps.



\$199 per month

High-Quality Math Education
at Exceptional Value.



Small Batches.
Big Progress.



Personalized Learning.
Real Results.

Let's Build
a Brighter
Future Together.

Today's
Preparation.
Tomorrow's
Opportunities.

Same
Concepts.
Bigger
Possibilities.

WHERE CAN

Accelerated Math Take You?

A strong foundation in math opens doors to endless opportunities — from top universities to future careers in STEM and beyond.



AP Calculus
AP Statistics



Precalculus



Algebra II



Geometry



Algebra I



Create a
Brighter
Future

Unlock
Opportunities

Strengthen
Skills

Build
Confidence



**Get Ahead
in School**

Tackle higher-level
courses with ease.



**Stand Out
in College Applications**

Showcase advanced
math skills.



**Explore Exciting
Career Paths**

From engineering and
data science to medicine
and beyond.



**Develop
Lifelong Skills**

Critical thinking,
problem-solving
and analytical skills
for the real world.



Challenge Today.
More Opportunities
Tomorrow.



Higher Math.
Brighter Futures.

Algebra I

Essential algebraic concepts and problem-solving skills that build the foundation for higher-level math.

MATH
BUILDS
REAL-WORLD
THINKERS

01

Expressions, Equations & Quantitative Reasoning

- Interpret expressions and write expressions in equivalent forms to solve problems
- Create equations
- Solve linear and quadratic equations
- Graph and analyze equations and inequalities
- Connections to Expressions, Equations, Modeling, and Coordinates

02

Linear and Exponential Functions

- Represent functions with tables, graphs, and equations
- Compare linear and exponential functions

03

Descriptive Statistics

- Interpret and summarize data
- Use standard deviation and IQR to describe data spread

04

Quadratic Functions and Modeling

- Solve quadratic equations using various methods
- Graph parabolas and analyze key features
- Linear, Quadratic, and Exponential Models

05

Algebra – Geometry Connections

- Prove geometric theorems using coordinates
- Solve geometry problems with algebra

06

Additional Concepts

- Explore piecewise and transformed functions
- Assess model accuracy with residuals

Algebra II

*Same Concepts.
Bigger Possibilities.*

Build deeper understanding. Solve bigger problems.

01

Number Systems & Exponents

- Real & Complex Numbers
- Exponent Rules (laws, negative, zero)
- Scientific Notation
- Rational Exponents & Radicals

02

Equations & Inequalities

- Multi-Step Linear Equations & Inequalities
- Absolute Value Equations & Inequalities
- Quadratic Equations (factoring, completing square, formula)
- Radical and Rational Equations
- Reasoning with Equations and Inequalities

03

Functions

- Function Notation & Evaluation
- Domain and Range
- Types of Functions: Linear, Quadratic, Absolute Value, Piecewise
- Operations with Functions
- Inverse Functions
- Function Transformations
- Connections to Functions and Modeling

04

Systems of Equations & Inequalities

- Solve Systems (Substitution, Elimination, Graphing)
- Linear & Quadratic Systems
- Graphing Inequalities & Linear Programming
- Represent and solve equations and inequalities graphically

05

Polynomials

- Add, Subtract, Multiply Polynomials
- Factoring (GCF, trinomials, special products)
- Polynomial Functions
- Remainder and Factor Theorems

06

Rational Expressions & Functions

- Simplifying, Multiplying, Dividing Rational Expressions
- Solving Rational Equations
- Graphing Rational Functions (asymptotes, holes)

07

Exponential & Logarithmic Functions

- Graphs of Exponential & Logarithmic Functions
- Log Laws
- Solve Exponential & Logarithmic Equations
- Applications: Growth & Decay

08

Conic Sections

- Parabolas (vertex form, axis of symmetry)
- Circles (center, radius)
- Ellipses & Hyperbolas (standard forms, graphs)

09

Sequences, Series & Probability

- Arithmetic & Geometric Sequences and Series
- Summation Notation
- Probability & Conditional Probability
- Using Probability to Make Decisions

10

Statistics & Data Analysis

- Interpreting Categorical & Quantitative Data
- Scatter Plots & Correlation
- Bivariate Data and Regression
- Making Inferences & Justifying Conclusions

Geometry

*Same Concepts.
Bigger Possibilities.*

Build spatial reasoning, logical thinking, and problem-solving skills for real-world applications.

01

Congruence, Proof, and Constructions

- Understand geometric definitions, constructions, and theorems
- Prove geometric relationships using formal reasoning
- Experiment with transformations in the plane
- Understand congruence in terms of rigid motions
- Prove geometric theorems

02

Similarity, Proof, and Trigonometry

- Understand similarity in terms of similarity transformations
- Understand similarity in terms of similarity transformations
- Define trigonometric ratios and solve problems involving right triangles
- Apply trigonometry to general triangles

03

Extending to Three Dimensions

- Calculate volume of cylinders, cones, and spheres
- Use geometric modeling in three-dimensional space

04

Connecting Algebra and Geometry

- Prove theorems using coordinate geometry
- Represent geometric figures algebraically
- Expressing geometric properties with equations

05

Circles With and Without Coordinates

- Understand arc length and sector area
- Apply angle and segment relationships in circles
- Understand and apply theorems about circles

AP Calculus

Master calculus concepts. Build problem-solving skills for the next level.

*Same Concepts.
Bigger Possibilities.*

AP Calculus AB

01 Limits & Continuity

- Evaluate limits
- One-sided/infinite limits & asymptotes
- Continuity and Intermediate Value Theorem

02 Differentiation – Definitions & Rules

- Derivative definition & interpretation
- Basic derivative rules: power, product, quotient
- Derivatives of $\sin x$, $\cos x$, e^x , $\ln x$

03 Advanced Differentiation

- Chain rule, implicit differentiation
- Derivatives of inverse trig functions

04 Contextual Applications of Derivatives

- Rates of change & related rates problems
- Linear approximation & L'Hôpital's Rule

05 Applications of Integration

- Areas between curves
- Volume via disks, washers, cross-sections

06 Differential Equations

- Separable equations, slope fields, initial-value problems

07 Analytical Applications of Derivatives

- Curve sketching, critical points, concavity
- Optimization (maximum/minimum problems)

08 Integration & Accumulation

- Definite/indefinite integrals & Riemann sums
- Fundamental Theorem of Calculus

AP Calculus BC

01 Advanced Techniques of Integration

- Integration by parts, partial fractions, trigonometric substitution
- Use tables and strategy selection for complex integrals

02 Parametric, Polar, and Vector Functions

- Model motion using parametric equations
- Analyze curves defined in polar form
- Calculate arc length and area in polar coordinates

03 Infinite Sequences and Series

- Test convergence/divergence using ratio, root, comparison tests
- Use Taylor and Maclaurin series for approximations

*Same Concepts.
Bigger Possibilities.*

AP Statistics

Make sense of data. Build critical thinking skills for a data-driven world.

01 Exploring One-Variable Data

- Graphical displays (dot plots, histograms, box plots)
- Measures of center and spread

02 Exploring Two-Variable Data

- Interpret scatterplots and correlation
- Perform linear regression and assess model fit

03 Collecting Data

- Understand sampling methods and biases
- Design surveys, experiments, and observational studies

04 Probability

- Use sample spaces and rules of probability
- Model discrete and continuous random variables
- Calculate expected value and standard deviation

05 Sampling Distributions

- Understand Central Limit Theorem
- Interpret standard error and sampling variability

06 Inference for Quantitative Data: Means

- Conduct t-tests for one and two samples
- Build confidence intervals for means

07 Inference for Categorical Data: Proportions

- Construct and interpret confidence intervals
- Perform significance tests for proportions

08 Inference for Categorical Data: Chi-Square

- Apply chi-square tests for independence and goodness-of-fit

09 Inference for Slopes

- Conduct inference procedures for regression slopes
- Interpret standard error of the slope and related statistics

Learn
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Achieve
Beyond

More Math More Confidence A Brighter Tomorrow

*Today's
Learners.
Tomorrow's
Leaders.*

Give your child the right guidance
today for a stronger tomorrow.



Stronger Concepts

Build a solid foundation



Greater Problem-Solving Skills

Tackle real-world challenges



Personalized Learning Path

Learn at your pace



A Brighter Future

More opportunities ahead



Book a Free Demo

See the difference for yourself.



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We're happy to answer your questions!

*Mathematics opens doors
to a bigger world.*



Confidence
Today



Opportunities
Tomorrow



A Brighter
Future