Curriculum

MATH

Algebra I

myedspace.com

Meet Your Teacher

Hi! I am Eddie Kang

- Senior Math Teacher at MyEdSpace
- Pure Mathematics Major from UCLA
- 9 years teaching experience in high schools as well as colleges

@EddieDoesMath

10K+
students have taken our courses

150K+
learning hours completed

4.8*
Trustpilot score from 1600+ reviews

3.2M+
followers across social platforms

What's Included?

- Personalized: choose the right level of content and teaching for you
- Award winning learning platform
- Live lessons each month with a world-class teacher
- Recordings so you never miss a live lesson (great when studying for exams too!)
- Exam style homework every week
- Step-by-step video solutions with expert tips and tricks
- Professionally designed study materials and workbooks

Course Structure

Every Tuesday and Thursday at 17:00 PT

Lesson duration: 55 mins

October Module

6th Oct - 31st Oct

1. Introduction to Algebra
2. Forming Algebraic Expressions and Substitution
3. Forming and Solving Equations
4. Further Forming and Solving Equations
5. Re-arranging Formulas
6. Re-Arranging Difficult Formulas
7. One-Step & Two-Step Equations
8. Multi-Step Equations

November Module

3rd Nov - 21st Nov

1. Plotting Points + Lines
2. Finding Midpoint and Slope Between Coordinates
3. Linear Sequences
4. More Linear Sequences
5. Finding the Equation of a Straight Line
6. Point-Slope Form

Course Structure

December Module

1st Dec - 19th Dec

1. Parallel & Perpendicular Lines
2. One-Step Inequalities
3. Two-Step Inequalities
4. Multi-Step Inequalities
5. Compound Inequalities
6. Solving Linear Inequalities

January Module

5th Jan - 30th Jan

1. Writing Linear Inequalities
2. Systems of Equations Graphically
3. Systems of Equations by Elimination
4. Systems of Equations by Substitution
5. Systems of Inequalities
6. Exponential Properties
7. Radicals
8. Operations with Radicals

Course Structure

February Module

2nd Feb – 20th Feb

1. Rational Exponents
2. Functions
3. Function Notation
4. Interpret and Model Functions
5. Operations on Functions
6. Composite Functions
7. Inverse Functions
8. Arithmetic Sequences

March Module

2nd Mar – 27th Mar

1. Geometric Progressions and Fibonacci Sequences
2. Recursive Formulas and Mixed Sequences
3. Exponential Growth and Decay
4. Linear vs. Exponential Functions
5. Absolute Value and Step Functions
6. Transformations of Functions
7. Introduction to Polynomials
8. Add, Subtract, and Multiply Polynomials

Course Structure

April Module

13th Apr - 8th May

1. Factor Polynomials
2. Factoring Quadratics
3. Standard Form and Vertex Form
4. Solving Quadratics or Polynomials
5. Solving Quadratics by Factoring
6. More Solving with Quadratics
7. Roots, Turning Points and Sketching Quadratics
8. Completing the Square and the Quadratic Formula

May Module

11th May - 5th Jun

1. Irrational Numbers
2. Five-Number Summaries
3. Shapes of Distributions
4. Variation and Standard Deviation
5. Two-Way Tables
6. Scatterplots
7. Situational Probabilities
8. Introduction to Matrices