Curriculum

MATH

Algebra II

MES

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 18:00 PT

Lesson duration: 55 mins

October Module

6th Oct - 31st Oct

1. Estimation & Order of Operations
2. Operations and Fractions
3. Solving Basic Equations
4. Absolute Value Function & Equations
5. Solve Linear Inequalities
6. Systems of Equations using Elimination
7. Systems of Equations using Substitution
8. Systems of Linear Inequalities

November Module

3rd Nov - 21st Nov

1. Quadratic Systems of Equations
2. Functions
3. Finding Linear Equations
4. Finding Midpoint and Slope
5. Forming and Solving Equations
6. Further Forming and Solving Equations

Course Structure

December Module

1st Dec - 19th Dec

1. Function Notation and Inverse Functions
2. Introduction to Polynomials
3. Operations with Polynomials
4. Polynomial Division
5. Expanding and Factoring with Monomials
6. Factoring Polynomials Pt. 1

January Module

5th Jan - 30th Jan

1. Factoring Polynomials Pt. 2
2. Degree of a Polynomial
3. Zeros, Roots, and Intercepts
4. Extreme Points
5. End Behavior
6. Roots, Turning Points, and Sketching Quadratics
7. Factoring and Solving Quadratics
8. Quadratics Forms

Course Structure

February Module

2nd Feb – 20th Feb

1. Introduction to Complex Numbers
2. Complex Number Operations
3. Completing the Square
4. Completing the Square and the Quadratic Formula
5. Sketching Quadratics
6. Quadratics and Inequalities
7. Quadratic Systems of Equations and Inequalities
8. Rational Exponents

March Module

2nd Mar – 27th Mar

1. Exploring Radicals
2. Radical Functions and Equations
3. Simplifying Rational Expressions
4. Rational Expression Operations
5. Graphing Rational Functions
6. Simplifying Rational Equations
7. Arithmetic Sequences
8. Geometric Sequences

Course Structure

April Module

13th Apr - 8th May

1. Understanding and Interpretting Exponential Functions
2. Compound Interest and Depreciation
3. Logarithms
4. Logarithmic Functions
5. Logarithmic Properties
6. Exponential Equations
7. Solving with Logarithms and Exponents
8. Exponents and Euler's Number

May Module

11th May - 5th Jun

1. Describing Functions
2. Transforming Functions
3. Trigonometric Ratios
4. The Unit Circle
5. Radian Measure
6. Graphing Sine and Cosine
7. Conic Sections Pt. 1
8. Conic Sections Pt. 2