

Curriculum

MATH

Geometry

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



About MyEdSpace:

20K+

students have taken our courses



500K+

learning hours completed



4.8/5

Trustpilot score from 2100+ reviews










4M+

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

Module 1

1. Plotting Points + Lines
2. Angle Rules
3. More Angle Rules
4. Interior and Exterior Angles
5. Straight Line Graphs
6. Parallel and Perpendicular Lines

Module 2

1. Distances and Ratios
2. Coordinate Geometry
3. Area and Perimeter of 2D Shapes
4. Ratios
5. Circle Problems
6. Similar Shapes
7. Translations, Reflections and Dilations
8. Rotations

Course Structure

Module 3

1. All Transformations
2. More Similar Shapes
3. Congruent Shapes
4. Congruent Triangles
5. SSS and SAS
6. ASA and AAS
7. CPCTC and HL
8. Triangle Similarity

Module 4

1. Right Triangle Similarity
2. Types of Triangles
3. Area and Perimeter
4. Trigonometry - Finding Lengths
5. Trigonometry - Finding Angles
6. Bisectors

Course Structure

Module 5

1. Pythagorean Theorem
2. Special Right Triangles
3. Pythagorean Triples
4. Exact Trigonometric Ratios
5. SOHCAHTOA
6. Inverse Trigonometric Ratios

Module 6

1. Right Rectangular Prisms & Cylinders
2. Pyramids and Cones
3. Surface Area and Volume of Spheres
4. Cross Sections
5. Linear Equations
6. Lines and Shapes
7. Circles
8. Equations of Circles

Course Structure

Module 7

1. Circle Properties
2. Circle Theorems Part 1
3. Circle Theorems Part 2
4. Circle Theorem Proofs
5. Arcs and Sectors of a Circle
6. Tangents and Chords
7. Radian Measure
8. Inscribed and Circumscribed Shapes

Module 8

1. Introduction to Probability
2. Conditional Probability and Probability Diagrams
3. Mean, Median, Mode & Range
4. Histograms
5. Sampling
6. Bias
7. Distributions
8. Central Tendency

Course Structure

Module 9

1. Variability
2. Comparing Data Sets
3. Two-Way Tables
4. Introduction to Matrices
5. Mastering Angles & Coordinate Geometry
6. Mastering Triangles Congruence & Similarity
7. Mastering Trigonometry
8. Mastering the Unit Circle

Module 10

1. Introduction to Polynomials
2. Operations with Polynomials
3. Polynomial Division
4. Expanding and Factoring with Monomials
5. Factoring Polynomials Part 1
6. Factoring Polynomials Part 2
7. Degree of a Polynomial
8. Zeros, Roots, and Intercepts