Curriculum

MATH

Grade 6 Math

myedspace.com

Meet Your Teacher

Hi! I am Adam Gilbert

- Brown University BSc in Geophysics & Seismology
- 7+ years of teaching experience
- Fully licensed and background checked

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

MES

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*Curriculum subject to change.

Course Structure

Module 1

1. Place Value, Ordering Numbers and Reading Scales
2. Comparing Numbers using Inequalities + Time Calculations
3. Rounding Numbers (Nearest Whole, Decimal & SFs)
4. Use Rounding To Estimate in Simple Problems
5. Adding, Subtracting and Multiplying with Integers and Decimals
6. Dividing with Integers (incl. powers of 10) and Decimals

Module 2

1. Prime Numbers, Factor Trees and Venn Diagrams
2. Greatest Common Factors and Least Common Multiples
3. Introduction to Fractions
4. Adding and Subtracting Fractions
5. Comparing Fractions and Multiplication/Division with Fractions
6. Fractions of Amounts and Negative Numbers
7. Order of Operations (PEMDAS)
8. What Are Percentages, Simple Percentages of Amounts

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Course Structure

Module 3

1. Fractions, Decimals and Percentage Conversions
2. Percentage of Amounts, Values as a Fraction
3. Introduction to Exponent Rules
4. Scientific Notation
5. Harder Estimation
6. Introduction to Algebra
7. Forming Algebraic Expressions and Substitution
8. Expanding Single Brackets

Module 4

1. Factoring into Single Brackets
2. Tally Charts, Bar Charts and Pictograms
3. Introduction to Probability
4. More Probability
5. Introduction to Ratios
6. Best Value for Money

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Course Structure

Module 5

1. Introduction to Proportion & Exchanging Money & Graphs
2. Function Machines & Generating Sequences (Term to Term)
3. Solving Basic Equations and Inequalities (Flowcharts)
4. Coordinates and Straight Line Graphs
5. Generating Sequences From nth Term & Finding the nth Term
6. Special Sequences (e.g. Fibonacci + Cool Stuff)

Module 6

1. Re-arranging Formulas Using Flowcharts
2. Plotting Quadratic Graphs
3. Increasing/Decreasing by a Percentage and Percentage Change
4. Reverse Percentages
5. Venn Diagrams and Simple Probabilities
6. Two Way Tables
7. Area and Perimeter of 2D Shapes
8. Translations and Reflections on a Coordinate Axis

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Course Structure

Module 7

1. Circles
2. Surface Area and Volume of a Prism
3. Angles and Parallel Lines + Interior/Exterior Angle
4. Interior/Exterior Angle Problems
5. Averages and Range for Discrete Data (vs Continuous)
6. Scatterplots
7. Averages from Frequency Tables
8. Frequency Trees

Module 8

1. Slopes and Midpoints Between Coordinates
2. Equation of a Straight Line
3. Further Solving and Re-Arranging Equations
4. Systems of Equations Graphically
5. Solving Linear Systems of Equations by Elimination
6. Solving Linear Systems of Equations by Substitution
7. Forming and Solving Equations (Including Systems of Equations)
8. Metric Conversions

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Course Structure

Module 9

1. Distance-Time Graphs
2. Dilations
3. Introduction to Bounds and Error Intervals
4. Sequences Problems
5. Factoring Quadratics and DOTS
6. More Factoring Quadratics
7. Solving with Quadratics
8. Roots and Turning Points of Quadratics

Module 10

1. Similar Shapes
2. Congruent Shapes
3. Compound Interest and Depreciation
4. Plotting Curved Graphs
5. Tree Diagrams
6. Zero and Negative Exponents
7. Arcs and Sectors of a Circle
8. Pyramids and Cones

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