

Curriculum

MATH

Elementary Math

Meet Your Teacher

Hi! I am Adam Gilbert

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



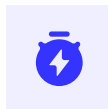
About MyEdSpace:

20K+



students have taken our courses

500K+



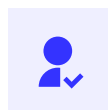
learning hours completed

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

Course Structure

Module 1

1. Place Value, Ordering Numbers and Reading Scales
2. Comparing Numbers Using Inequalities and Time Calculations
3. Rounding Numbers
4. Using Rounding to Estimate Calculations
5. Adding, Subtracting and Multiplying with Integers and Decimals
6. Dividing with Integers 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 and Division with Fractions
6. Fractions of Amounts and Negative Numbers
7. Order of Operations (PEMDAS)
8. What Are Percentages and Simple Percentages of Amounts

Course Structure

Module 3

1. Fractions, Decimals, Percentages and Dealing with Double Signs
2. Percentage of Amounts, Values as a Fraction or Percentage of Another
3. Harder Estimation
4. Introduction to Algebra
5. Forming Algebraic Expressions and Substitution
6. Tally Charts, Bar Charts and Pictograms
7. Introduction to Ratio, Sharing in a Ratio and Ratio in Recipe Calculations
8. Best Value for Money

Module 4

1. Introduction to Proportion and Money Exchanges
2. Function Machines and Generating Sequences
3. Generating Sequences From n th Term and Finding the n th Term of a Sequence
4. Special Sequences
5. Area and Perimeter of 2D Shapes
6. Coordinates and Straight Line Graphs

Course Structure

Module 5

1. Circles
2. Prisms
3. Angles Rules
4. Pie Charts
5. Averages and Range for Discrete Data
6. Translations and Reflections on a Coordinate Axis

Module 6

1. Similar Shapes
2. Metric and Imperial Conversions
3. Distance-Time Graphs
4. 3D Shapes and Nets
5. Solving Basic Equations
6. Expanding Single Brackets
7. Practice Reasoning Test 1
8. Practice Arithmetic Test 1

Course Structure

Module 7

1. Exponent Rules Introduction
2. Scientific Notation
3. Increasing and Decreasing by a Percentage and Percentage Change
4. Reverse Percentages
5. Introduction to Probability
6. More Probability
7. Practice Reasoning Test 2
8. Practice Arithmetic Test 2

Module 8

1. Re-arranging Formulas Using Flowcharts
2. Sequences Problems
3. Compound Interest and Depreciation
4. Congruent Shapes
5. Venn Diagrams and Simple Probabilities
6. Two Way Tables
7. Practice Reasoning Test 3
8. Practice Arithmetic Test 3

Course Structure

Module 9

1. Arcs and Sectors of Circles
2. Slopes and Midpoints
3. Equation of a Straight Line
4. Tree Diagrams
5. Frequency Trees
6. Factoring into Single Brackets
7. Practice Reasoning Test 4
8. Practice Arithmetic Test 4

Module 10

1. Interior and Exterior Angles
2. Averages from Frequency Tables
3. Scatterplots
4. Further Solving and Re-Arranging Equations
5. Dilations
6. Plotting Quadratic Graphs
7. Practice Reasoning Test 5
8. Practice Arithmetic Test 5