

## Recommended Khan Academy Lessons for GED

### **Subject: Math**

Course: Arithmetic

Lessons:

- Multiplication & Division
- Negative Numbers
- Fractions
- Decimals

Course: Basic Geometry

Lessons:

- Area & Perimeter
- Volume & Surface Area
- Pythagorean Theorem

Course: Pre-Algebra

Lessons:

- Factors & Multiples
- Reading & Interpreting Data
- Measurement
- Negative Numbers & Coordinate Planes
- Ratios, Rates, Proportions

Course: Algebra Basics

Lessons:

- Foundations
- Algebraic Expressions
- Linear Equations & Inequalities
- Graphing Lines & Slope
- Expressions with Exponents
- Quadratics & Polynomials

### **Subject: Arts & Humanities**

Course: U.S. History

Lessons:

- All

Course: U.S. Government & Civics

Lessons:

- Foundations of American Democracy
- Interactions Among Branches of Government
- Political Participation

-American Civics

Course: World History

Lessons:

-All

Course: Grammar

Lessons:

-All

**Subject: Economics & Finance**

Course: Microeconomics

Lessons:

-Basic Economic Concepts

-Supply, Demand, and market equilibrium

-Forms of Competition

**Subject: Science & Engineering**

Course: Physics

Lessons:

-One-dimensional motion

-Forces & Newton's Laws of Motion

-Centripetal Force and Gravitation

-Work & Energy

-Magnetic Forces, Magnetic Fields, and Faraday's Law

-Cosmology & Astronomy

Course: Chemistry

Lessons:

-Atoms, Compounds, and Ions

-Periodic Table

-Acids & Bases

-Thermodynamics

Course: High School Biology

Lessons:

-Biology Foundations

-Cells

-Energy & Transport

-Reproduction & Cell Division

-Classical Genetics

-Human Body Systems

-Ecology