

MULTIMEDIA MATERIALS FOR GEOLOGY 101

The Dolciani Math Center (7th Floor Hunter East) has multi-media materials for the following topics in GEOLOGY 101. Bring your ID card to the Learning Center and ask for the lesson by the call number below. If there is more than one number listed, there are several alternatives for the lesson. You may pick and choose which works best for you. In addition, these are also materials available on computer using software called PLATO. Topics above the line are those taught in the course. Topics below the line are those prerequisite skills needed to learn content in the course.

	SITUATIONAL	TUTORIAL	PLATO
TOPIC	CDs/DVDs	CDs/DVDs	AVAILABLE UNDER:
Graph a Straight Line		A-4, V-3	Graphing Linear Equations
Intercept and Slope of a Straight Line	J10	A-4, V-3, W-1, X-5, Y-7	Graphing Linear Equations
Equations of a Straight Line		A-4	Graphing Linear Equations
Venn Diagrams		B3-4	
Proportional Reasoning		D-4, X-3, Y-8, Z-4	Rates, Ratio and Proportion
Areas of Polygons and Circles		D-6	Area, Perimeter and Circumference
Surface Area		D-6	Area, Perimeter and Circumference
Volume, Mass and Temperature		D-6	Volume: Rectangular Prisms, Cones, Pyramids, Cylinders, and Spheres
Exponential Functions/Growth and Decay	H18	W-2	Functions: Translating, Combining, Graphing, Inverse
Expressing Numbers in Scientific Notation		W-1	Scientific Notation
Models for Growth	SB7		Functions: Translating, Combining, Graphing, Inverse
Modeling with Equations		W-1	Functions: Translating, Combining, Graphing, Inverse
Geometric and Scientific Applications		X-2	Functions: Translating, Combining, Graphing, Inverse
The Metric System and Measurement		Y-7	Measurement: Metric System and Standard System
The U.S. Customary System of Measurement		Y-7	Measurement: Metric System and Standard System
Converting Between Fractions, Decimals, and Percents		A-1, Y-3, Y-8	Percents
Scientific Notation		S-1	Scientific Notation
Reading Points on a Coordinate Plane		Y-7	Graphing Linear Equations
Solving Basic Word Problems		Y-6, s-2	Verbal Problems- Introductory: Creating and Solving
Solving Linear Equations		Y-2, Y-4, Y-5	Linear Inequalities: Solving and Graphing& Linear and Literal Equations and Formulas
Understanding Graphs of Linear Equations		A-4, Y-7	Graphing Linear Equations
Understanding How to Read Graphs		G-1	Statistics: Box Plots, Dot Plots, Histograms, Scatterplots
Working with Decimals		Y-4	Decimals Concepts: Place Value, Ordering, Rounding & Decimals: Operations
Working with Formulas		D-2	Linear and Literal Equations and Formulas
Working with Fractions		Y-3	Fractions: Definition, Renaming, Simplifying, Ordering & Fractions: Operations
Working with Integers		Y-2	Integers: Concepts and Operations
Working with Proportions		Y-7, Y-8	Rates, Ratio and Proportion
Working with Rational Numbers		D-3	Rational Numbers: Concepts and Operations