



UpSmart[®] and *Eureka Math*[®] Common Core Grade 8 Math

UpSmart[®] is the perfect companion to the *Eureka Math*[®] instructional product when teaching Common Core Grade 8 math. Simply assign UpSmart topics aligned to the pace of your classroom instruction to provide adaptive and individualized practice, support, and assessment for every skill and standard—with real-time data and analytics for teachers to help teachers monitor and maximize the effectiveness of their core curriculum.

Eureka Math- 8 th Grade for Common Core	UpSmart Topics
Module 1 – Integer Exponents and Scientific Notation	Properties of Exponents Scientific Notation Multiplication and Division with Scientific Notation Addition and Subtraction with Scientific Notation
Module 2 – The Concept of Congruence	Properties of Rigid Transformations Congruent and Similar Figures Pythagorean Theorem
Module 3 – Similarity	Congruent and Similar Figures Properties of Dilations Pythagorean Theorem Angle Relationships and Similarity
Module 4 – Linear Equations	One-Variable Equations Number of Solutions to Linear Equations Solutions of Systems of Linear Equations Problem Solving with Systems of Equations Proportional Relationships Graphs of Functions
Module 5 – Examples of Functions from Geometry	Functions Volume of Cones, Cylinders, and Spheres
Module 6 – Linear Functions	Linear Functions Properties of Functions Graphs of Functions Scatterplots Equations of Linear Models Two-Way Tables
Module 7 – Introduction to Irrational Numbers Using Geometry	Rational and Irrational Numbers Irrational Numbers Square Roots and Cube Roots Distance and the Pythagorean Theorem