



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 |
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| 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 |