

**U-46 Curriculum Scope and Sequence**  
**8<sup>th</sup> Grade**  
**2019-2020**

Reporting Strand	Eureka Module	Instructional Focus	Core Standards	Pacing
1. Integer Exponents and Scientific Notation	Module 1	<ul style="list-style-type: none"> <li>Work with radicals and integer exponents</li> </ul>	8.EE.1, 8.EE.3, 8.EE.4	20 Days
2. Irrational Numbers	Module 7 Topics A-C	<ul style="list-style-type: none"> <li>Know that there are numbers that are not rational, and approximate them by rational numbers.</li> <li>Work with radicals and integer exponents</li> <li>Understand and apply the Pythagorean Theorem</li> </ul>	8.NS.1, 8.NS.2 8.EE.2 8.G.6, 8.G.7, 8.G.8	20 days
3. The Concept of Congruence	Module 2	<ul style="list-style-type: none"> <li>Understand congruence and similarity using the physical models, transparencies, or geometry software.</li> <li>Understand and apply the Pythagorean Theorem.</li> </ul>	8.G.1, 8.G.2, 8.G.5 8.G.6, 8.G.7	25 days
4. Similarity	Module 3	<ul style="list-style-type: none"> <li>Understand congruence and similarity using the physical models, transparencies, or geometry software.</li> <li>Understand and apply the Pythagorean Theorem.</li> </ul>	8.G.3, 8.G.4, 8.G.5 8.G.6, 8.G.7	25 Days
5. Linear Equations	Module 4	<ul style="list-style-type: none"> <li>Understand the connections between proportional relationships, lines, and linear equations.</li> <li>Analyze and solve linear equations and pairs of simultaneous linear equations.</li> </ul>	8.EE.5, 8.EE.6 8.EE.7, 8.EE.8	40 days
6. Functions from Geometry	Module 5 & Module 7 Topic D	<ul style="list-style-type: none"> <li>Define, evaluate, and compare functions</li> <li>Solve real-world and mathematical problems involving volume of cylinders, cones, and spheres.</li> </ul>	8.F.1, 8.F.2, 8.F.3 8.G.9	25 days
7. Linear Functions	Module 6	<ul style="list-style-type: none"> <li>Use functions to model relationships between quantities.</li> <li>Investigate patterns of association in bivariate data.</li> </ul>	8.F.4, 8.F.5 8.SP.1, 8.SP.2, 8.SP.3, 8.SP.4	20 days

Emphasis of Instruction

Priority Standards = Approximately 70%

Supporting Standards = Approximately 20%

Additional Standards = Approximately 10%