

U-46 Curriculum Scope and Sequence

7th Grade

Reporting Standard	Common Core Cluster	Core Standards	Pacing
1. Ratios and Proportional Relationships	<ul style="list-style-type: none"> Analyze proportional relationships and use them to solve real-world and mathematical problems Solve real-life mathematical problems using numerical and algebraic expressions and equations. Draw, construct and describe geometrical figures and describe the relationships between them. 	<p>7. RP.1, 7.RP. 2, 7.RP.3</p> <p>7.EE.4</p> <p>7.G.1</p>	30 days
2. Rational Numbers	<ul style="list-style-type: none"> Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers. Use properties of operations to generate equivalent expressions Solve real-life and mathematical problems using numerical and algebraic expressions and equations. 	<p>7.NS.1, 7.NS.2, 7.NS.3</p> <p>7.EE.2</p> <p>7.EE.4</p>	30 days
3. Expressions and Equations	<ul style="list-style-type: none"> Use properties of operations to generate equivalent expressions Solve real-life mathematical problems using numerical and algebraic expressions and equations. Solve real-life and mathematical problems involving angle measures, area, surface area, and volume. 	<p>7.EE.1, 7.EE.2</p> <p>7.EE.3, 7.EE. 4</p> <p>7.G.4, 7.G.5, 7. G.6</p>	35 days
4. Percent and Proportional Relationship	<ul style="list-style-type: none"> Analyze proportional relationships and use them to solve real-world and mathematical problems Solve real-life mathematical problems using numerical and algebraic expressions and equations. Draw, construct and describe geometrical figures and describe the relationships between them. 	<p>7. RP.1, 7.RP. 2, 7.RP.3</p> <p>7.EE.3</p> <p>7.G.1</p>	25 days
5. Statistics and Probability	<ul style="list-style-type: none"> Use random sampling to draw inferences about a population Draw informal comparative inferences about two populations Investigate chance process and develop, use, and evaluate probability models. 	<p>7.SP.1, 7.SP.2</p> <p>7.SP.3, 7.SP.4</p> <p>7.SP.5, 7.SP.6, 7.SP.7, 7.SP.8</p>	25 days
6. Geometry	<ul style="list-style-type: none"> Draw, construct, and describe geometrical figures and describe the relationships between them. Solve real-life and mathematical problems involving angle measures, area, surface area, and volume. 	<p>7.G.2, 7.G.3</p> <p>7.G.5, 7.G.6</p>	35 days

Emphasis of Instruction

Priority Standards = Approximately 70%

Supporting Standards = Approximately 20%

Additional Standards = Approximately 10%