



**Course Title:** Math 7

**Content Area:** Mathematics

**Grade Level:** 7

## Scope and Sequence

Unit or Topic	Standards	Length of Time	Key Content	Assessment Tools	Scaffolding Strategies (Interventions, Special Education)	Resources & Materials
Topic 1: Real Numbers	CC.2.2.8.B.1 CC.2.1.8.E.1 CC.2.1.8.E.4  M08.A-N.1.1.1 M08.A-N.1.1.2 M08.A-N.1.1.3 M08.A-N.1.1.1 M08.A-N.1.1.4 M08.A-N.1.1.5 M08.B-E.1.1.1 M08.B-E.1.1.2 M08.B-E.1.1.3 M08.B-E.1.1.4	24-26 days	<ul style="list-style-type: none"><li>• Apply &amp; extend understanding of multiplication &amp; division to divide fraction by fraction.</li><li>• Compute fluently with multi-digit numbers.</li><li>• Find common factors &amp; multiples.</li></ul>	Delta Math assignments  enVision Assessments  Teacher Created Assessments	Intervention services will be offered to students who need extra help.  Students will be allowed corrections on assessments if needed.	enVision Mathematics  Teacher Created & Supplemented Materials  Materials posted in One Note
Topic 2: Analyze & Solve Linear Equations	CC.2.2.8.B.2 CC.2.2.8.B.3  M08.B-E.2.1.1 M08.B-E.2.1.2 M08.B-E.2.1.3 M08.B-E.3.1.1	22-24 days	Apply & extend understanding of numbers in the rational number system.	Delta Math assignments  enVision Assessments	Intervention services will be offered to students who need extra help.	enVision Mathematics  Teacher Created & Supplemented Materials  Materials posted in One Note

	M08.B-E.3.1.2			Teacher Created Assessments	Students will be allowed corrections on assessments if needed.	
<b>Topic 3:</b> Use Functions to Model Relationships	CC.2.2.8.C.1 CC.2.2.8.C.2  M08.B-F.1.1.1 M08.B-F.1.1.2 M08.B-F.2.1.1 M08.B-F.2.1.2	16-18 days	Apply & extend previous understandings of arithmetic to algebraic expressions.	Delta Math assignments  enVision Assessments  Teacher Created Assessments	Intervention services will be offered to students who need extra help.  Students will be allowed corrections on assessments if needed.	enVision Mathematics  Teacher Created & Supplemented Materials  Materials posted in One Note
<b>Topic 4:</b> Investigate Bivariate Data	CC.2.4.8.B.1 CC.2.4.8.B.2  M08.D-S.1.1.1 M08.D-S.1.1.2 M08.D-S.1.1.3 M08.D-S.1.2.1	14-16 days	<ul style="list-style-type: none"> <li>Reason about &amp; solve one-variable equations and inequalities.</li> <li>Represent &amp; analyze quantitative relationships between dependent &amp; independent variables.</li> </ul>	Delta Math assignments  enVision Assessments  Teacher Created Assessments	Intervention services will be offered to students who need extra help.  Students will be allowed corrections on assessments if needed.  Students will be allowed a calculator if needed.	enVision Mathematics  Teacher Created & Supplemented Materials  Materials posted in One Note
<b>Topic 5:</b> Analyze & Solve Systems of Linear Equations	CC.2.2.8.B.3  M08.B-E.3.1.3 M08.B-E.3.1.4 M08.B-E.3.1.5	12-14 days	Understand ratio concepts & use ratio reasoning to solve problems.	Delta Math assignments  enVision Assessments  Teacher Created Assessments	Intervention services will be offered to students who need extra help.  Students will be allowed corrections	enVision Mathematics  Teacher Created & Supplemented Materials  Materials posted in One Note

					on assessments if needed.  Students will be allowed a calculator if needed.	
<b>Topic 6:</b> Congruence & Similarity  <b>** Move to AFTER Topic 8 if the flow of the curriculum fits **</b>	CC.2.3.8.A.2  M08.C-G.1.1.1 M08.C-G.1.1.2 M08.C-G.1.1.3 M08.C-G.1.1.4	24-26 days	Understand ratio concepts & use ratio reasoning to solve problems.	Delta Math assignments  enVision Assessments  Teacher Created Assessments	Intervention services will be offered to students who need extra help.  Students will be allowed corrections on assessments if needed.  Students will be allowed a calculator if needed.	enVision Mathematics  Teacher Created & Supplemented Materials  Materials posted in One Note
<b>Topic 7:</b> Understand & Apply the Pythagorean Theorem	CC.2.3.8.A.3  M08.C-G.2.1.1 M08.C-G.2.1.2 M08.C-G.2.1.3	12-14 days	Solve real-world & mathematical problems involving area, surface area, & volume.	Delta Math assignments  enVision Assessments  Teacher Created Assessments	Intervention services will be offered to students who need extra help.  Students will be allowed corrections on assessments if needed.  Students will be allowed a calculator if needed.	enVision Mathematics  Teacher Created & Supplemented Materials  Materials posted in One Note
<b>Topic 8:</b>	CC.2.3.8.A.1	12-14 days	<ul style="list-style-type: none"> <li>Develop understanding of</li> </ul>	Delta Math assignments	Intervention services will be	enVision Mathematics

Solve Problems Involving Surface Area & Volume	M08.C-G.3.1.1		<p>statistical variability.</p> <ul style="list-style-type: none"> <li>Summarize &amp; describe distributions.</li> </ul>	<p>enVision Assessments</p> <p>Teacher Created Assessments</p>	<p>offered to students who need extra help.</p> <p>Students will be allowed corrections on assessments if needed.</p> <p>Students will be allowed a calculator if needed.</p>	<p>Teacher Created &amp; Supplemented Materials</p> <p>Materials posted in One Note</p>
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