

Pacing Guide and Alignment Map

Grade 5 (2nd Quarter)

Days	Standards	Chapters 4-7	Vocabulary	Assessment Opportunities	Resources
Chapter 4 10 Days*	5 NBT.2 5 NBT.7	<p>Multiply Decimals</p> <p>Essential Question</p> <p>How can you solve decimal multiplication problems?</p>	<ul style="list-style-type: none"> • Decimal • Expanded form • Hundredths • Multiplication • Ones • Pattern • Place Value • Product • Tenths • Thousandths 	<ul style="list-style-type: none"> • Show What You Know • Mid-Chapter Checkpoint • Chapter Review/Test • Chapter Test • Chapter Performance Task • Critical Area Performance Task 	<p>Alignment</p> <ul style="list-style-type: none"> • EngageNY Modules 1 • EngageNY Modules 2 • EngageNY Modules 4 • Released Questions by Chapter <p>Websites</p> <ul style="list-style-type: none"> • Thinkcentral.com • Engageny.org
Chapter 5 9 Days*	5.NBT.6 5.NF.3	<p>Divide Whole Numbers</p> <p>Essential Question</p> <p>How can you solve decimal division problems?</p>	<ul style="list-style-type: none"> • Compatible numbers • Decimal • Decimal Point • Dividend • Division • Divison • Estimate • Hundredth • Quotient • Tenth 	<ul style="list-style-type: none"> • Show What You Know • Mid-Chapter Checkpoint • Chapter Review/Test • Chapter Test • Chapter Performance Task • Critical Area Performance Task 	<p>Alignment</p> <ul style="list-style-type: none"> • EngageNY Module 2 • EngageNY Module 4 • Released Questions by Chapter <p>Websites</p> <ul style="list-style-type: none"> • Thinkcentral.com • Engageny.org

* Lessons must be customized and combined to ensure that the entire curriculum is covered.

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Days	Standards	Chapters 1-3	Vocabulary	Assessment Opportunities	Resources
Chapter 6 12 Days*	5.NF.1 5.NF.2	<p>Add and Subtract Fractions with Unlike Denominators</p> <p><u>Essential Question</u></p> <p>How can you add and subtract decimals?</p>	<ul style="list-style-type: none"> • Common denominator • Common Multiple • Equivalent Fractions • Mixed Number • Simplest Form 	<ul style="list-style-type: none"> • Show What You Know • Mid-Chapter Checkpoint • Chapter Review/Test • Chapter Test • Chapter Performance Task • Critical Area Performance Task 	<p>Alignment</p> <ul style="list-style-type: none"> • EngageNY Module 3 • Released Questions by Chapter <p>Websites</p> <ul style="list-style-type: none"> • Thinkcentral.com • Engageny.org
Chapter 7 11 Days*	5.NF.4 5.NF.5 5.NF.6	<p>Multiply Fractions</p> <p><u>Essential Question</u></p> <p>How can you multiply fractions?</p>	<ul style="list-style-type: none"> • Denominator • Equivalent Fractions • Mixed Numbers • Numerator • Product • Simplest Form 	<ul style="list-style-type: none"> • Show What You Know • Mid-Chapter Checkpoint • Chapter Review/Test • Chapter Test • Chapter Performance Task • Critical Area Performance Task 	<p>Alignment</p> <ul style="list-style-type: none"> • EngageNY Module 4 • EngageNY Modules 5 • Released Questions by Chapter <p>Websites</p> <ul style="list-style-type: none"> • Thinkcentral.com • Engageny.org

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Grade 5

Cluster Emphasis	Domain	Cluster	Standard
Major Clusters	Number and Operations in Base Ten	<i>Understand the place value system.</i>	5.NBT.1
			5.NBT.2
			5.NBT.3
		<i>Perform operations with multi-digit whole numbers and with decimals to hundredths.</i>	5.NBT.4
			5.NBT.5 ✓
			5.NBT.6 ✓
			5.NBT.7 ✓
	Number and Operations—Fractions	<i>Use equivalent fractions as a strategy to add and subtract fractions.</i>	5.NF.1
			5.NF.2 ✓
		<i>Apply and extend previous understandings of multiplication and division to multiply and divide fractions.</i>	5.NF.3
			5.NF.4
			5.NF.5
			5.NF.6 ✓
	5.NF.7 ✓		
Measurement and Data	<i>Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition.</i>	5.MD.3	
		5.MD.4	
		5.MD.5	
Supporting Clusters	Measurement and Data	<i>Convert like measurement units within a given measurement system.</i>	5.MD.1
		<i>Represent and interpret data.</i>	5.MD.2
Additional Clusters	Operations and Algebraic Thinking	<i>Write and interpret numerical expressions.</i>	5.OA.1
			5.OA.2
		<i>Analyze patterns and relationships.</i>	5.OA.3 <i>Post</i>
	Geometry	<i>Graph points on the coordinate plane to solve.</i>	5.G.1 <i>Post</i>
			5.G.2 <i>Post</i>
		<i>Classify two-dimensional figures into categories based on their properties.</i>	5.G.3
			5.G.4

Cluster Emphasis	Recommended Instructional Time	Approximate Number of Test Points
<i>Major</i>	65–75%	70–80%
<i>Supporting</i>	15–25%	10–20%
<i>Additional</i>	5–15%	5–10%

Quarter

✓ = Standards recommended for greater emphasis

Post = Standards recommended for instruction in May-June

d.

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Mathematical Practice

- 1. Make sense of problems and persevere in solving them.**
- 2. Reason abstractly and quantitatively.**
- 3. Construct viable arguments and critique the reasoning of others.**
- 4. Model with mathematics.**
- 5. Use appropriate tools strategically.**
- 6. Attend to precision.**
- 7. Look for and make use of structure.**
- 8. Look for and express regularity in repeated reasoning.**