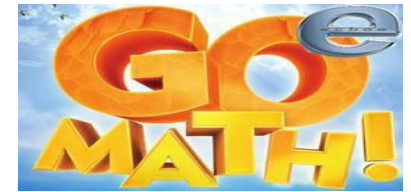




Pacing Guide and Alignment Map

Grade 4 (2nd Quarter)



Days	Standards	Chapters 3-6	Vocabulary	Assessment Opportunities	Resources
Chapter 4 13 Days*	4.OA.2 4.OA.3 4.NBT.6	DIVIDE BY I-DIGIT NUMBERS <u>Essential Question</u> How can you divide by 1-digit numbers?	<ul style="list-style-type: none"> Compatible Numbers Multiple Partial quotient Remainder Dividend Divisor 	<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 style="text-align: center;">Alignment</p> <ul style="list-style-type: none"> EngageNY Module 1 EngageNY Module 3 EngageNY Module 7 Released Questions by Chapter <p style="text-align: center;">Websites</p> <ul style="list-style-type: none"> Thinkcentral.com Engageny.org
Chapter 5 6 Days*	4.OA.4 4.OA.5	Factors, Multiples and Patterns <u>Essential Question</u> How can you find factors and multiples, and how can you generate and describe number patterns?	<ul style="list-style-type: none"> Common factor Common multiple Divisible Factor Pattern Prime Number Term 	<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 style="text-align: center;">Alignment</p> <ul style="list-style-type: none"> EngageNY Module 3 EngageNY Module 5 Released Questions by Chapter <p style="text-align: center;">Websites</p> <ul style="list-style-type: none"> Thinkcentral.com Engageny.org
Chapter 6 10 Days*	4.NF.1 4.NF.2	Multiply 2-Digit Numbers <u>Essential Question</u> What strategies can you use to compare fractions and write equivalent fractions?	<ul style="list-style-type: none"> Benchmark Common Denominator Equivalent Fractions 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 style="text-align: center;">Alignment</p> <ul style="list-style-type: none"> EngageNY Module 5 Released Questions by Chapter <p style="text-align: center;">Websites</p> <ul style="list-style-type: none"> Thinkcentral.com

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

Pacing Guide and Alignment Map

Grade 4 (2nd Quarter)

					<ul style="list-style-type: none"> Engageny.org
Chapter 7 12 Days*	4.NF.3a 4.NF.3b 4.NF.3c 4.NF.3d	Add and Subtract Fractions <u>Essential Question</u> How do you add or subtract fractions that have the same denominator?	<ul style="list-style-type: none"> Mixed Number Unit Fraction Associative Property of Addition Commutative Property of addition Denominator Fraction Numerator 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 style="text-align: center;">Alignment</p> <ul style="list-style-type: none"> EngageNY Module 5 Released Questions by Chapter <p style="text-align: center;">Websites</p> <ul style="list-style-type: none"> Thinkcentral.com Engageny.org

2nd Quarter

Pacing Guide and Alignment Map

Grade 4 (2nd Quarter)

Cluster Emphasis	Domain	Cluster	Standard
Major Clusters	Operations and Algebraic Thinking	<i>Represent and solve problems involving multiplication and division.</i>	4.OA.1
			4.OA.2 ✓
			4.OA.3
	Number and Operations in Base Ten	<i>Generalize place value understanding for multi-digit whole numbers.</i>	4.NBT.1
			4.NBT.2
			4.NBT.3
			4.NBT.4
			4.NBT.5 ✓
			4.NBT.6
	Number and Operations – Fractions	<i>Extend understanding of fraction equivalence and ordering.</i>	4.NF.1
			4.NF.2
		<i>Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.</i>	4.NF.3 ✓
			4.NF.4 ✓
4.NF.5 <i>Post</i>			
<i>Understand decimal notation for fractions, and compare decimal fractions.</i>		4.NF.6 ✓ <i>Post</i>	
		4.NF.7 ✓ <i>Post</i>	
Supporting Clusters	Operations and Algebraic Thinking	<i>Gain familiarity with factors and multiples.</i>	4.OA.4
	Measurement and Data	<i>Solve problems involving measurements and conversion of measurements from a larger unit to a smaller unit.</i>	4.MD.1 <i>Post</i>
			4.MD.2 <i>Post</i>
			4.MD.3
	<i>Represent and interpret data.</i>	4.MD.4	
Additional Clusters	Operations and Algebraic Thinking	<i>Generate and analyze patterns.</i>	4.OA.5
	Measurement and Data	<i>Geometric measurement: understand concepts of angles and measure angles.</i>	4.MD.5
			4.MD.6
			4.MD.7
	Geometry	<i>Draw and identify lines and angles, and classify shapes by properties of their lines and angles.</i>	4.G.1
			4.G.2
			4.G.3

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

Pacing Guide and Alignment Map

Grade 4 (2nd Quarter)



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.**