2017-2018 Pacing Guide and Alignment Map

Grade 5 (1st Quarter)

Start Date: September 11, 2017 **End Date: November 13, 2017**

Days	Standards	Chapters 1-3	Vocabulary	Assessment Opportunities	Resources
Chapter 1 19 Days	5.OA.1 5.OA.2 5 NBT.1 5 NBT.2 5 NBT.5 5. NBT.6	**Place Value, Multiplication and Expressions** **Essential Question** How can you use place value, multiplication, and expressions to represent and solve problems?	• Base • Distributive Property • Evaluate • Exponent • Inverse • Operations	• Show What You Know • Mid-Chapter Checkpoint • Chapter Review/Test • Chapter Test • Chapter Performance Task • Critical Area Performance Task	**Alignment** • EngageNY Modules 1 • EngageNY Modules 2 • EngageNY Modules 4 • EngageNY Modules 6 • Released Questions by Standard **Websites** • Thinkcentral.com • Engageny.org
Chapter 2 11 Days	**5.NBT.6 5.NF.3**	**Divide Whole Numbers** **Essential Question** How can you represent and interpret data?	• Compatible numbers • Dividend • Divisor • Factors • Product • Quotient • Remainder	• Show What You Know • Mid-Chapter Checkpoint • Chapter Review/Test • Chapter Test • Chapter Performance Task • Critical Area Performance Task	**Alignment** • EngageNY Module 2 • EngageNY Module 4 • Released Questions by Standard **Websites** • Thinkcentral.com • Engageny.org

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Days	Standards	Chapters 1-3	Vocabulary	Assessment Opportunities	Resources
Chapter 3 **14 Days**	5.NBT.1 5.NBT.3 5.NBT.4 5.NBT.7	**Add and Subtract Decimals** <u>**Essential Question**</u> How can you add and subtract decimals?	• Hundredth • Place Value • Round • Sequence • Tenth • Term • Thousandth	• Show What You Know • Mid-Chapter Checkpoint • Chapter Review/Test • Chapter Test • Chapter Performance Task • Critical Area Performance Task	**Alignment** • EngageNY Module 1-2 • EngageNY Modules 4 • Released Questions by Standard **Websites** • Thinkcentral.com • Engageny.org

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

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

✓ = Standards recommended for greater emphasis

Post = Standards recommended for instruction in May-June

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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.