

**New York City Department of Education
Core Curriculum Alignment Guidance
2012-13 School Year
Everyday Mathematics – Grade 3**

Background

This guidance document outlines how each of the textbook’s lessons align to the Common Core grade-level content standards and the Standards for Mathematical Practices (SMP) and whether the standards covered in each lesson are within major, supporting, or additional clusters, based on the [Math Content Emphases](#).¹ It also provides guidance around how schools may choose to spend instructional time to support a focus on the major work of the grade, which the [State has indicated](#) will be the focus of next year’s 3-8 State tests.

How to Use

To support schools with reorganizing math content to allow for more time to focus on the major work of the grade, as outlined in the [Citywide Instructional Expectations](#), this document includes recommendations around the amount of instructional time that educators might consider dedicating to each lesson within *Everyday Mathematics*. These recommendations are based on the standards alignment information from *Everyday Mathematics* and a close examination of the textbook by the Common Core Fellows. For example, where the textbook represents a strong alignment to major work, we recommend that educators spend more instructional time on those lessons. Where the lesson contains standards that represent major work but does not cover them strongly, we recommend that educators consider augmenting the lesson to cover the standards listed more fully. The key below indicates how to read the document.

Symbols	Content Emphases	Recommendation
Green with some bolded content standards, indicating a stronger alignment to the bolded standards (e.g. NBT)	Some standards addressed within the lesson represent ‘major work of the grade’ based on the Content Emphases	Consider spending more time on this lesson
Green with no bolded content standards	Some standards addressed within the lesson represent ‘major work of the grade’ based on the Content Emphases but are not strongly addressed	Consider augmenting or upgrading here so that the standards are covered more fully
Blue	Some standards addressed within the lesson are within ‘supporting’ clusters based on the Content Emphases	Consider implementing as is
Yellow	Standards addressed within the lesson are within ‘additional’ clusters based on the Content Emphases	Consider spending less time on lessons only covering additional concepts
Red	No content standards are addressed, only Mathematical Practices	Consider omitting lessons only covering Mathematical Practices

¹ For a listing of content emphases by cluster, refer to <http://engageny.org/resource/math-content-emphases>. For additional guidance—including key advances by grade, opportunities for in-depth focus, connections between content and practice standards, etc.—refer to http://www.parcconline.org/sites/parcc/files/PARCC%20MCF%20for%20Mathematics_Fall%202011%20Release.pdf.

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Lesson	Lesson Title	Pages	CCSS	Online Content for CCSS Alignment	Cluster Emphases & Recommendation
1-1	Numbers and Number Sequences	18–22	SMP1, SMP2, SMP4, SMP6, SMP7		Math practices only: Consider omitting
1-2	Number Grids	23–27	SMP1, SMP3, SMP5, SMP6, SMP7		Math practices only: Consider omitting
1-3	Introducing the <i>Student Reference Book</i>	28–31	SMP2, SMP5, SMP6		Math practices only: Consider omitting
1-4	Tools for Mathematics	32–36	SMP2, SMP5, SMP6, 3.NBT.2, 3.MD.1	<i>Teacher's Lesson Guide</i> Lesson 1-4 [3.NBT.2]	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
1-5	Analyzing and Displaying Data	37–41	SMP1, SMP2, SMP3, SMP4, SMP7, 3.MD.3	<i>Teacher's Lesson Guide</i> Lesson 1-5 [3.MD.3]	Supporting: Consider implementing as is
1-6	Equivalent Names	42–46	SMP1, SMP2, SMP5, SMP6		Math practices only: Consider omitting
1-7	The Language of Chance Events	47–50	SMP2, SMP4, SMP5, SMP6, SMP7		Math practices only: Consider omitting
1-8	Finding Differences	51–54	SMP2, SMP3, SMP5, SMP6, SMP7,		Additional: Consider spending less time on this lesson

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Lesson	Lesson Title	Pages	CCSS	Online Content for CCSS Alignment	Cluster Emphases & Recommendation
			<u>3.NBT.2</u>		
1-9	Calculator Routines	55–60	SMP1, SMP2, SMP3, SMP5, SMP6, SMP7, <u>3.OA.9, 3.NBT.2</u>		Major: Consider augmenting or upgrading here so that the new standards are covered more fully
1-10	Money	61–66	SMP1, SMP2, SMP3, SMP4, SMP6, SMP7, <u>3.NBT.2, 3.MD.3</u>	<i>Teacher’s Lesson Guide</i> Lesson 1-10 [3.MD.3]	Supporting: Consider implementing as is
1-11	Solving Problems with Dollars and Cents	67–72	SMP1, SMP2, SMP3, SMP4, SMP5, SMP6, <u>3.NBT.1, 3.NBT.2</u>		Additional: Consider spending less time on this lesson
1-12	Patterns	73–77	SMP1, SMP2, SMP5, SMP6, SMP7, SMP8		Math practices only: Consider omitting
1-13	The Length of-Day Project	78–83	SMP1, SMP2, SMP3, SMP4, SMP5, SMP6, <u>3.NBT.2, 3.MD.1,</u>	<i>Teacher’s Lesson Guide</i> Lesson 1-13 [3.NBT.2 and 3.MD.1]; <i>Math Masters</i> , page 440	Major: Consider augmenting or upgrading here so that the standards are covered more fully

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Lesson	Lesson Title	Pages	CCSS	Online Content for CCSS Alignment	Cluster Emphases & Recommendation
			3.MD.3		
1-14	Progress Check 1	84–87			
Chapter 2					
2-1	Fact Families	100–105	SMP2, SMP3, SMP5, SMP6, SMP8, _____ 3.OA.9, 3.NBT.2		Major: Consider spending more time on this lesson
2-2	Extensions of Addition and Subtraction Facts	106–111	SMP1, SMP2, SMP3, SMP5, SMP6, SMP7, _____ 3.OA.9, 3.NBT.2		Major: Consider augmenting or upgrading here so that the new standards are covered more fully
2-3	“What’s My Rule?”	112–116	SMP1, SMP2, SMP5, SMP6, SMP7, SMP8, _____ 3.NBT.2	<i>Teacher’s Lesson Guide</i> Lesson 2-3 [3.NBT.2]	Additional: Consider spending less time on this lesson
2-4	Parts and Total Number Stories	117–122	SMP1, SMP2, SMP3, SMP4, SMP5, SMP6, SMP8, _____ 3.NBT.2	<i>Teacher’s Lesson Guide</i> Lesson 2-4 [3.NBT.2]; <i>Math Masters</i> , pages 43 and 406	Additional: Consider spending less time on this lesson

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Lesson	Lesson Title	Pages	CCSS	Online Content for CCSS Alignment	Cluster Emphases & Recommendation
2-5	Change Number Stories	123–128	SMP1, SMP2, SMP3, SMP4, SMP5, SMP6, SMP7, SMP8, 3.NBT.2	<i>Teacher’s Lesson Guide</i> Lesson 2-5 [3.NBT.2]; <i>Math Masters</i> , pages 46 and 406	Additional: Consider spending less time on this lesson
2-6	Comparison Number Stories	129–134	SMP1, SMP2, SMP3, SMP4, SMP5, SMP6, SMP7, 3.NBT.2	<i>Teacher’s Lesson Guide</i> Lesson 2-6 [3.NBT.2]; <i>Math Masters</i> , pages 51 and 406	Additional: Consider spending less time on this lesson
2-7	The Partial-Sums Algorithm	135–140	SMP1, SMP2, SMP5, SMP6, SMP7, 3.OA.8, 3.NBT.1, 3.NBT.2	<i>Teacher’s Lesson Guide</i> Lesson 2-7 [3.NBT.1 and 3.NBT.2]	Major: Consider spending more time on this lesson
2-8	Subtraction Algorithms	141–146	SMP1, SMP2, SMP3, SMP5, SMP6, SMP7, SMP8, 3.OA.8, 3.NBT.1, 3.NBT.2	<i>Math Journal</i> , page 49	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
2-9	Addition with Three	147–151	SMP1, SMP2, SMP4,	<i>Teacher’s Lesson Guide</i> Lesson 2-9 [3.OA.8];	Major: Consider spending more time on this lesson

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Lesson	Lesson Title	Pages	CCSS	Online Content for CCSS Alignment	Cluster Emphases & Recommendation
	or More Addends		SMP6, SMP8, 3.OA.8, 3.NBT.2	<i>Math Masters</i> , page 57	
2-10	Progress Check 2			<i>Teacher's Lesson Guide</i> Progress Check 2 <i>Assessment Handbook</i> , page 154	
Chapter 3					
3-1	A "Class Shoe" Unit of Length	170–175	SMP1, SMP2, SMP4, SMP6		Math practices only: Consider omitting
3-2	Measuring with a Ruler	176–181	SMP4, SMP5, SMP6, 3.NF.2, 3.NF.2a, 3.NF.2b, 3.NF.3a, 3.MD.4	<i>Teacher's Lesson Guide</i> Lesson 3-2 [3.MD.4]	Major: Consider spending more time on this lesson
3-3	Standard Linear Measures	182–187	SMP2, SMP4, SMP5, SMP6, 3.MD.4		Supporting: Consider implementing as is
3-4	Perimeter	188–193	SMP1, SMP2, SMP4, SMP5, SMP6, SMP7, SMP8, 3.MD.8 , 3.G.1	<i>Math Journal</i> , pages 63 and 65	Supporting: Consider implementing as is

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Lesson	Lesson Title	Pages	CCSS	Online Content for CCSS Alignment	Cluster Emphases & Recommendation
3-5	A Pattern-Block Toss Experiment	194–199	SMP1, SMP2, SMP3, SMP4, SMP5, SMP6, SMP8, <hr/> 3.MD.4	<i>Teacher’s Lesson Guide</i> Lesson 3-5 [3.MD.4]	Supporting: Consider implementing as is
3-6	Explorations: Exploring Perimeter and Area	200–205	SMP1, SMP2, SMP3, SMP4, SMP5, SMP6, SMP7, <hr/> 3.MD.1, 3.MD.5, 3.MD.5a, 3.MD.5b, 3.MD.6, 3.MD.7a, 3.MD.8	<i>Math Journal</i> , page 71	Major: Consider spending more time here
3-7	Area	206–211	SMP1, SMP2, SMP3, SMP4, SMP5, SMP6, <hr/> 3.MD.5, 3.MD.5a, 3.MD.5b, 3.MD.6, 3.MD.7a	<i>Teacher’s Lesson Guide</i> Lesson 3-7 [3.MD.6]	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
3-8	Number Models for Area	212–217	SMP1, SMP4, SMP7, SMP8, <hr/> 3.MD.5, 3.MD.5a,	<i>Teacher’s Lesson Guide</i> Lesson 3-8 [3.MD.7b and 3.MD.8]	Major: Consider augmenting or upgrading here so that the new standards are covered more fully

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			3.MD.5b, 3.MD.6, 3.MD.7a, 3.MD.7b, 3.MD.8		
3-9	Diameter and Circumference	218–223	SMP1, SMP2, SMP3, SMP6, SMP8		Math practices only: Consider omitting
3-10	Progress Check 3			<i>Assessment Handbook</i> , pages 158 and 160	
Chapter 4					
4-1	Multiples of Equal Groups	242–247	SMP1, SMP2, SMP3, SMP4, SMP5, SMP6, SMP7, 3.OA.1, 3.OA.3 , 3.OA.4, 3.OA.5, 3.OA.7, 3.OA.8, 3.MD.6	<i>Teacher’s Lesson Guide</i> Lesson 4-1 [3.OA.3, 3.OA.5, 3.OA.7, and 3.MD.6]; <i>Math Masters</i> , page 85	Major: Consider spending more time on this lesson
4-2	Multiplication Arrays	248–253	SMP2, SMP4, SMP5, SMP6, SMP7, 3.OA.1, 3.OA.3 ,	<i>Teacher’s Lesson Guide</i> Lesson 4-2 [3.OA.3, 3.OA.5, and 3.OA.7]	Major: Consider spending more time on this lesson

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			3.OA.4, 3.OA.5, 3.OA.7, 3.MD.7a, 3.MD.7b, 3.MD.8		
4-3	Equal Shares and Equal Groups	254–259	SMP2, SMP5, SMP6, SMP7, 3.OA.1, 3.OA.2 , 3.OA.3, 3.OA.4, 3.OA.6, 3.OA.7	<i>Teacher’s Lesson Guide</i> Lesson 4-2 [3.OA.3, 3.OA.5, and 3.OA.7]	Major: Consider spending more time on this lesson
4-4	Division Ties to Multiplication	260–265	SMP2, SMP4, SMP5, SMP7, 3.OA.2 , 3.OA.3, 3.OA.4, 3.OA.6, 3.OA.7	<i>Teacher’s Lesson Guide</i> Lesson 4-3 [3.OA.3, 3.OA.4, 3.OA.6, and 3.OA.7]	Major: Consider spending more time on this lesson
4-5	Multiplication Fact Power and Shortcuts	266–271	SMP2, SMP4, SMP5, SMP6, SMP7, 3.OA.5, 3.OA.7, 3.OA.9, 3.NBT.2	<i>Teacher’s Lesson Guide</i> Lesson 4-5 [3.OA.5 and 3.OA.7]	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
4-6	Multiplication and Division Fact Families	272–277	SMP2, SMP3, SMP5, SMP6, SMP7, 3.OA.2, 3.OA.4,	<i>Teacher’s Lesson Guide</i> Lesson 4-6 [3.OA.7]	Major: Consider spending more time on this lesson

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			3.OA.5, 3.OA.6, 3.OA.7 , 3.OA.9		
4-7	<i>Baseball Multiplication</i>	278–282	SMP4, SMP5, SMP6, <hr/> 3.OA.5, 3.OA.7	<i>Teacher’s Lesson Guide</i> Lesson 4-7 [3.OA.5 and 3.OA.7]	Major: Consider spending more time on this lesson
4-8	Explorations: Exploring Arrays and Facts	283–287	SMP1, SMP2, SMP5, SMP6, <hr/> 3.OA.1, 3.OA.7, 3.OA.9, 3.MD.6, 3.MD.7a	<i>Teacher’s Lesson Guide</i> Lesson 4-8 [3.OA.7]	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
4-9	Estimating Distances with a Map Scale	288–293	SMP2, SMP3, SMP4, SMP6, SMP7, <hr/> 3.MD.6, 3.MD.7b, 3.MD.7d	<i>Teacher’s Lesson Guide</i> Lesson 4-9 [3.MD.7b and 3.MD.7d]	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
4-10	A Coin-Toss Experiment	294–299	SMP2, SMP3, SMP6, <hr/> 3.MD.3	<i>Teacher’s Lesson Guide</i> Lesson 4-10 [3.MD.3]; <i>Math Masters</i> , page 118A	Supporting: Consider implementing as is
4-11	Progress Check 4	300–303		<i>Teacher’s Lesson Guide</i> Progress Check 4 <i>Assessment Handbook</i> , page 164	
Chapter 5					
5-1	Place Value	318–322	SMP5, SMP6,		Math practices only:

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Lesson	Lesson Title	Pages	CCSS	Online Content for CCSS Alignment	Cluster Emphases & Recommendation
	Through Ten-Thousands		SMP7		Consider omitting
5-2	Reading, Writing, and Ordering Numbers	323–329	SMP2, SMP4, SMP5, SMP7, _____ 3.MD.3	<i>Teacher’s Lesson Guide</i> Lesson 5-2 [3.MD.3]	Supporting: Consider implementing as is
5-3	Place Value to Millions	330–335	SMP2, SMP5, SMP6, SMP7		Math practices only: Consider omitting
5-4	Application: The U.S. Census	336–341	SMP2, SMP4, SMP6, SMP7, _____ 3.OA.7		Major: Consider augmenting or upgrading here so that the new standards are covered more fully
5-5	Very Large Numbers	342–346	SMP1, SMP2, SMP5, SMP6, SMP7, _____ 3.MD.1		Major: Consider augmenting or upgrading here so that the new standards are covered more fully
5-6	Explorations: Exploring Estimates and Polygons	347–351	SMP1, SMP2, SMP3, SMP5, SMP6, SMP7, _____ 3.OA.7, 3.MD.8		Major: Consider augmenting or upgrading here so that the new standards are covered more fully
5-7	Model Decimals with Base-10 Blocks	352–357	SMP1, SMP2, SMP5, SMP7, _____	<i>Teacher’s Lesson Guide</i> Lesson 5-7 [3.MD.4]; <i>Math Masters</i> , page 166A	Major: Consider augmenting or upgrading here so that the new standards are covered

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			3.NF.1, 3.MD.4		more fully
5-8	Tenths and Hundredths	358–362	SMP1, SMP2, SMP5, SMP6, SMP7, <hr/> 3.OA.7 3.MD.8	<i>Math Journal</i> , page 118	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
5-9	Tenths and Hundredths of a Meter	363–367	SMP2, SMP4, SMP5, SMP6, <hr/> 3.NF.1 3.MD.7d	<i>Math Journal</i> , page 120 [3.MD.7d]	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
5-10	Application: Rainfall	368–373	SMP1, SMP2, SMP4, SMP5, SMP6, <hr/> 3.NF.1		Major: Consider augmenting or upgrading here so that the new standards are covered more fully
5-11	Place Value in Decimals	374–378	SMP2, SMP5, SMP6, SMP7 <hr/> 3.MD.7d	<i>Math Journal</i> , page 124 [3.MD.7d]	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
5-12	Sunrise-Sunset Line Graphs	379–383	SMP2, SMP3, SMP5, SMP6, <hr/> 3.OA.7, 3.MD.1	<i>Teacher’s Lesson Guide</i> Lesson 5-12 [3.OA.7]	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
5-13	Progress Check 5	384–387			

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Lesson	Lesson Title	Pages	CCSS	Online Content for CCSS Alignment	Cluster Emphases & Recommendation
Chapter 6					
6-1	Investigating Line Segments, Rays, and Lines	402–407	SMP2, SMP4, SMP5, SMP6, SMP7		Math practices only: Consider omitting
6-2	Parallel & Intersecting Line Segments, Rays, and Lines	408–413	SMP2, SMP3, SMP4, SMP6, SMP7		Math practices only: Consider omitting
6-3	Angles and Turns	414–419	SMP2, SMP4, SMP5, SMP7		Math practices only: Consider omitting
6-4	Triangles	420–425	SMP2, SMP5, SMP6, <hr/> 3.MD.8		Additional : Consider spending less time here
6-5	Quadrangles	426–431	SMP2, SMP3, SMP6, <hr/> 3.MD.8, 3.G.1	<i>Teacher’s Lesson Guide</i> Lesson 6-5 [3.G.1]	Supporting: Consider implementing as is
6-6	Polygons	432–437	SMP2, SMP5, SMP6, <hr/> 3.MD.8, 3.G.1	<i>Math Journal</i> , page 139	Supporting: Consider implementing as is

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6-7	Drawing Angles	438–443	SMP2, SMP5, SMP6, <hr/> 3.OA.7	<i>Teacher’s Lesson Guide</i> Lesson 6-7 [3.OA.7]	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
6-8	Measuring Angles	444–449	SMP1, SMP2, SMP3, SMP4, SMP5, SMP6, <hr/> 3.MD.7b, 3.MD.7d, 3.MD.8	<i>Teacher’s Lesson Guide</i> Lesson 6-8 [3.MD.7b, 3.MD.7d, and 3.MD.8]; <i>Math Masters</i> , page 205A	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
6-9	Symmetry	450–455	SMP2, SMP3, SMP4, SMP5, SMP6, <hr/> 3.G.1	<i>Teacher’s Lesson Guide</i> Lesson 6-9 [3.G.1]	Supporting: Consider implementing as is
6-10	Explorations: Exploring Congruence, Line Segments, and Decimals	456–461	SMP1, SMP2, SMP3, SMP5, SMP7		Math practices only: Consider omitting
6-11	Polyhedrons, Part 1	462–467	SMP2, SMP3, SMP4, SMP6, SMP7, <hr/> 3.G.1	<i>Math Masters</i> , page 197	Supporting: Consider implementing as is
6-12	Polyhedrons, Part 2	468–473	SMP2, SMP3, SMP4,	<i>Teacher’s Lesson Guide</i> Lesson 6-12 [3.OA.7]	Major: Consider augmenting or upgrading

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			SMP5, SMP6, SMP7, _____		here so that the new standards are covered more fully
6-13	Progress Check 6	474–477		<i>Teacher’s Lesson Guide</i> Progress Check 6 <i>Assessment Handbook</i> , page 173	
Chapter 7					
7-1	Patterns in Products	576–581	SMP1, SMP2, SMP5, SMP6, SMP7, _____	<i>Teacher’s Lesson Guide</i> Lesson 7-1 [3.OA.7]	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
7-2	Multiplication Facts Survey	582–587	SMP2, SMP5, SMP6, SMP7, _____	<i>Teacher’s Lesson Guide</i> Lesson 7-2 [3.OA.7]; <i>Math Masters</i> , pages 438A, 438B, and 438C	Major: Consider spending more time on this lesson
7-3	Fact Power	588–593	SMP5, SMP6, SMP7, SMP8, _____	3.RI.1, 3.RI.7, 3.RI.10, 3.W.10, 3.SL.4	Major: Consider spending more time on this lesson
			3.OA.1, 3.OA.2, 3.OA.3, 3.OA.4, 3.OA.5, 3.OA.6,		

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			3.OA.7		
7-4	Number Models with Parentheses	594–599	SMP1, SMP4, SMP6, SMP8, _____ 3.OA.3, 3.OA.4, 3.OA.7, 3.OA.8, 3.NBT.2	<i>Teacher’s Lesson Guide</i> Lesson 7-4 [3.OA.7 and 3.OA.8]	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
7-5	Scoring in Basketball: An Application	600–605	SMP1, SMP2, SMP4, SMP6, SMP8, _____ 3.OA.7, 3.OA.8	<i>Teacher’s Lesson Guide</i> Lesson 7-5 [3.OA.7]; <i>Math Masters</i> , page 166A	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
7-6	Extended Facts: Multiplication and Division	606–611	SMP2, SMP3, SMP4, SMP6, SMP7, _____ 3.OA.6, 3.OA.7, 3.NBT.3		Major: Consider augmenting or upgrading here so that the new standards are covered more fully
7-7	Estimating Costs	612–617	SMP2, SMP3, SMP4, SMP5, SMP6, SMP7, _____ 3.OA.3, 3.OA.8, 3.NBT.1, 3.NBT.3	<i>Math Journal</i> , page 172	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
7-8	Extended Facts: Products	618–623	SMP2, SMP4, SMP6, SMP7, _____		Major: Consider augmenting or upgrading here so that the new

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	of Tens		3.OA.3, 3.NBT.3		standards are covered more fully
7-9	Explorations: Exploring Ratios and Geometric Figures	624–629	SMP1, SMP2, SMP4, SMP5, SMP6, SMP7		Math practices only: Consider omitting
7-10	Progress Check 7	630–633		<i>Assessment Handbook</i> , page 178	
Chapter 8					
8-1	Naming Parts with Fractions	648–653	SMP2, SMP3, SMP4, SMP5, SMP6, 3.NF.1, 3.NF.3c, 3.G.2	<i>Teacher’s Lesson Guide</i> Lesson 8-1 [3.NF.3c]	Major: Consider spending more time on this lesson
8-2	Blocks in-a-Bag Experiment	654–658	SMP2, SMP3, SMP4, SMP6, 3.OA.3	<i>Math Journal</i> , page 184 [3.OA.3]	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
8-3	Explorations: Exploring Fractions, Re-Forming Squares, and Combinations	659–664	SMP1, SMP2, SMP3, SMP4, SMP5, SMP7, 3.G.2		Supporting: Implement as is
8-4	Number-Line Posters for Fractions	665–670	SMP1, SMP2, SMP3, SMP4, SMP6, SMP7, SMP8,	<i>Teacher’s Lesson Guide</i> Lesson 8-4 [3.NF.3c and 3.NF.3d]	Major: Consider spending more time on this lesson

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Lesson	Lesson Title	Pages	CCSS	Online Content for CCSS Alignment	Cluster Emphases & Recommendation
			<hr/> 3.NF.1, 3.NF.2, 3.NF.2a, 3.NF.2b, 3.NF.3, 3.NF.3a, 3.NF.3b, 3.NF.3c, 3.NF.3d, 3.G.2		
8-5	Equivalent Fractions	671–676	SMP1, SMP2, SMP3, SMP4, SMP5, SMP6, <hr/> 3.OA.3, 3.OA.5, 3.NF.1, 3.NF.2, 3.NF.2a, 3.NF.2b, 3.NF.3, 3.NF.3a, 3.NF.3b, 3.NF.3c, 3.NF.3d, 3.G.2	<i>Math Journal</i> , page 195	Major: Consider spending more time on this lesson
8-6	Comparing Fractions	677–681	SMP2, SMP5, SMP6,	<i>Teacher’s Lesson Guide</i> Lesson 8-6 [3.NF.3d]	Major: Consider spending more time on this lesson

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			SMP7, _____ 3.NF.2, 3.NF.3a, 3.NF.3b, 3.NF.3d		
8-7	Fractions Greater Than ONE	682–687	SMP2, SMP3, SMP4, SMP5, SMP7, _____ 3.NF.1, 3.NF.2, 3.NF.2b, 3.NF.3a, 3.NF.3b, 3.NF.3c, 3.G.2	<i>Teacher’s Lesson Guide</i> Lesson 8-7 [3.NF.3c]	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
8-8	Fractions in Number Stories	688–693	SMP2, SMP3, SMP4, SMP5, SMP6, _____ 3.NF.2, 3.NF.2a, 3.NF.2b, 3.NF.3, 3.NF.3a, 3.NF.3c, 3.NF.3d, 3.MD.4	<i>Teacher’s Lesson Guide</i> Lesson 8-8 [3.NF.3c and 3.NF.3d]	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
8-9	Progress Check 8	694–697		<i>Math Journal</i> , page 203	

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Chapter 9					
9-1	Multiply and Divide with Multiples of 10, 100, and 1,000	712–717	SMP1, SMP2, SMP3, SMP4, SMP5, SMP6, <hr/> 3.OA.3, 3.OA.6, 3.OA.8, 3.NBT.3	<i>Teacher’s Lesson Guide</i> Lesson 9-1 [3.OA.3 and 3.OA.8]; <i>Math Masters</i> , page 406	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
9-2	Using Mental Math to Multiply	718–723	SMP1, SMP2, SMP3, SMP4, SMP5, SMP6, SMP8, <hr/> 3.OA.1, 3.OA.3, 3.OA.5, 3.OA.8, 3.NBT.3, 3.NF.2, 3.NF.2a, 3.NF.2b	<i>Teacher’s Lesson Guide</i> Lesson 9-2 [3.OA.5]; <i>Math Masters</i> , page 270	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
9-3	Explorations: Exploring Arrays, Areas, and Fractions		SMP1, SMP2, SMP3, SMP4, SMP5, SMP6, SMP8, <hr/> 3.OA.3 , 3.NBT.2, 3.NBT.3, 3.NF.3,	<i>Teacher’s Lesson Guide</i> Lesson 9-3 [3.NF.3d and 3.MD.8]	Major: Consider spending more time on this lesson

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Lesson	Lesson Title	Pages	CCSS	Online Content for CCSS Alignment	Cluster Emphases & Recommendation
			3.MD.5b, 3.MD.7a, 3.MD.7b, 3.MD.7c, 3.MD.7d, 3.MD.8		
9-4	A Multiplication Algorithm	730–735	SMP2, SMP4, SMP5, SMP6, SMP7, 3.OA.3, 3.OA.5, 3.NBT.2, 3.MD.5b, 3.MD.7a, 3.MD.7b, 3.MD.7c, 3.MD.7d		Major: Consider spending more time on this lesson
9-5	Buying at the Stock-Up Sale	736–741	SMP1, SMP2, SMP3, SMP4, SMP5, SMP6, SMP7, 3.OA.3, 3.OA.7, 3.OA.8, 3.NBT.1, 3.NBT.2, 3.NF.3, 3.NF.3d	<i>Teacher’s Lesson Guide</i> Lesson 9-5 [3.OA.7, 3.OA.8, and 3.NBT.1]; <i>Math Masters</i> , pages 283 and 285	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
9-6	Factors of a Whole Number	742–747	SMP1, SMP2, SMP4, SMP5, SMP6, SMP7, 3.OA.2, 3.OA.3, 3.OA.5, 3.OA.7	<i>Teacher’s Lesson Guide</i> Lesson 9-6 [3.OA.5]	Major: Consider augmenting or upgrading here so that the new standards are covered more fully

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Lesson	Lesson Title	Pages	CCSS	Online Content for CCSS Alignment	Cluster Emphases & Recommendation
9-7	Sharing Money	748–753	SMP1, SMP2, SMP4, SMP5, SMP6, SMP7, 3.OA.2, 3.OA.3, 3.OA.7, 3.NF.3d	<i>Teacher’s Lesson Guide</i> Lesson 9-7 [3.OA.3 and 3.NF.3d]; <i>Math Masters</i> , page 288	Major: Consider spending more time on this lesson
9-8	Broken-Calculator Division	754–759	SMP1, SMP2, SMP3, SMP4, SMP5, SMP6, 3.OA.3, 3.NBT.2	<i>Teacher’s Lesson Guide</i> Lesson 9-8 [3.OA.3]	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
9-9	Lattice Multiplication	760–765	SMP3, SMP5, SMP6, SMP7, SMP8, 3.OA.3 3.OA.7, 3.NBT.2	<i>Math Journal</i> , page 228 [3.OA.3]	Major: Consider spending more time on this lesson
9-10	Explorations: Exploring Arrays, Equilateral Triangles, and Strength of Paper	766–771	SMP1, SMP2, SMP4, SMP5, SMP6, SMP7, 3.MD.2, 3.MD.5b, 3.MD.7a, 3.MD.7b, 3.MD.7c, 3.MD.7d	<i>Teacher’s Lesson Guide</i> Lesson 9-10 [3.MD.2]; <i>Math Masters</i> , page 300	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
9-11	Products of 2-Digit	772–777	SMP2, SMP4, SMP5,	<i>Math Journal</i> , page 234	Major: Consider spending more time on this lesson

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Lesson	Lesson Title	Pages	CCSS	Online Content for CCSS Alignment	Cluster Emphases & Recommendation
	Numbers, Part 1		SMP6, SMP7, 3.OA.3, 3.OA.5, 3.NBT.2, 3.NBT.3, 3.MD.5b, 3.MD.7a, 3.MD.7b, 3.MD.7c, 3.MD.7d		
9-12	Products of 2-Digit Numbers, Part 2	778–783	SMP2, SMP4, SMP5, SMP6, SMP7, 3.OA.3, 3.OA.4, 3.OA.5, 3.OA.7, 3.NBT.2, 3.NBT.3, 3.MD.5b, 3.MD.7a, 3.MD.7b, 3.MD.7c, 3.MD.7d	<i>Teacher’s Lesson Guide</i> Lesson 9-12 [3.OA.5 and 3.OA.7]	Major: Consider spending more time on this lesson
9-13	Positive and Negative Numbers	784–789	SMP2, SMP3, SMP4, SMP5, SMP6, 3.NBT.2, 3.MD.4, 3.MD.6, 3.MD.7b	<i>Teacher’s Lesson Guide</i> Lesson 9-13 [3.MD.4]	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
9-14	Progress Check 9	790–793		<i>Teacher’s Lesson Guide</i> Progress Check 9 <i>Assessment Handbook</i> , page 164	
Chapter 10					
10-1	Review:	808–813	SMP2, SMP4,	<i>Math Journal</i> , page 241	Major: Consider

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	Length		SMP5, SMP6, SMP7 _____ 3.MD.2	[3.MD.2]	augmenting or upgrading here so that the new standards are covered more fully
10-2	Volume	814–818	SMP2, SMP4, SMP5, SMP6, SMP7, SMP8, _____ 3.NF.3, 3.NF.3d		Major: Consider augmenting or upgrading here so that the new standards are covered more fully
10-3	Weight	819–824	SMP2, SMP5, SMP6, _____ 3.MD.2	<i>Teacher’s Lesson Guide</i> Lesson 10-3 [3.MD.2]; <i>Math Masters</i> , page 328	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
10-4	Explorations: Exploring Weight and Volume	825–829	SMP2, SMP3, SMP4, SMP5, SMP6, _____ 3.OA.3, 3.OA.7, 3.MD.2	<i>Teacher’s Lesson Guide</i> Lesson 10-4 [3.OA.7 and 3.MD.2]; <i>Math Masters</i> , pages 331, 333, and 334	Major: Consider spending more time on this lesson
10-5	Capacity	830–834	SMP2, SMP3, SMP4, SMP6, _____ 3.MD.2	<i>Teacher’s Lesson Guide</i> Lesson 10-5 [3.MD.2]; <i>Math Masters</i> , page 337	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
10-6	The Mean and the Median	835–839	SMP2, SMP4, SMP5, SMP6, _____ 3.OA.7,	<i>Teacher’s Lesson Guide</i> Lesson 10-6 [3.MD.2 and 3.MD.3]	Major: Consider augmenting or upgrading here so that the new standards are covered

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Lesson	Lesson Title	Pages	CCSS	Online Content for CCSS Alignment	Cluster Emphases & Recommendation
			3.NF.3b, 3.MD.2 3.MD.3		more fully
10-7	Calculating the Mean	840–845	SMP2, SMP3, SMP5, SMP6, _____ 3.OA.8, 3.MD.3, 3.MD.4	<i>Teacher’s Lesson Guide</i> Lesson 10-7 [3.MD.3 and 3.MD.4]; <i>Math Masters</i> , page 345	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
10-8	Calculator Memory	846–851	SMP1, SMP5, SMP6, SMP7, _____ 3.OA.3, 3.MD.2	<i>Math Journal</i> , pages 259 and 260	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
10-9	Frequency Distributions	852–857	SMP2, SMP4, SMP5, SMP6, _____ 3.OA.8, 3.MD.3	<i>Teacher’s Lesson Guide</i> Lesson 10-9 [3.MD.3]	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
10-10	Coordinate Grids	858–861	SMP1 SMP2, SMP4, SMP5, SMP6,		Math practices only: Consider omitting
10-11	Progress Check 10	862–865		<i>Teacher’s Lesson Guide</i> Progress Check 10	
Chapter 11					
11-1	The Length of-Day Project Revisited	878–882	SMP1, SMP2, SMP3, SMP4, SMP5, SMP6,	<i>Teacher’s Lesson Guide</i> Lesson 11-1 [3.OA.7 and 3.MD.1]	Major: Consider augmenting or upgrading here so that the new standards are covered

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Lesson	Lesson Title	Pages	CCSS	Online Content for CCSS Alignment	Cluster Emphases & Recommendation
			3.OA.7, 3.MD.1, 3.MD.3		more fully
11-2	National High/Low Temperatures Summaries	883–887	SMP2, SMP5, SMP6, SMP7 3.MD.1	<i>Teacher’s Lesson Guide</i> Lesson 11-2 [3.MD.1]	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
11-3	Spinner Experiments	888–893	SMP1, SMP2, SMP4, SMP5, SMP6, 3.NF.1, 3.NF.3, 3.NF.3b		Major: Consider augmenting or upgrading here so that the new standards are covered more fully
11-4	Designing Spinners	894–898	SMP1, SMP2, SMP5, SMP6, 3.NF.1		Major: Consider augmenting or upgrading here so that the new standards are covered more fully
11-5	Using Data to Predict Outcomes	899–904	SMP2, SMP3, SMP6,		Math practices only: Consider omitting
11-6	Progress Check 11	905–908			
Projects					
1	Solid Waste	480–482 (914–916)	SMP1, SMP2, SMP4, SMP6		Math practices only: Consider omitting
2	Watermelon Feast and	483–485 (917–919)	SMP2, SMP4, SMP6,		Major: Consider augmenting or upgrading

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Lesson	Lesson Title	Pages	CCSS	Online Content for CCSS Alignment	Cluster Emphases & Recommendation
	Seed-Spitting Contest		3.MD.3, 3.MD.4		here so that the new standards are covered more fully
3	Illusions	486–489 (920–923)	SMP4, 3.OA.1		Major: Consider augmenting or upgrading here so that the new standards are covered more fully
4	Dodecahedron Calendar	490–493 (924–927)	SMP2, SMP4, SMP7		
5	Attributes	494–497 (928–931)	SMP1, SMP2, SMP8		Math practices only: Consider omitting
6	How Far Can You Go in a Million Steps?	498–501 (932–935)	SMP1, SMP4, SMP5, SMP6, 3.OA.8		Major: Consider augmenting or upgrading here so that the new standards are covered more fully
7	Order of Operations	502–502C (936–936C)	SMP1, SMP5, SMP6, SMP8, 3.OA.5, 3.OA.8	<i>Teacher’s Lesson Guide</i> Project 7 [3.OA.5 and 3.OA.8]; <i>Math Masters</i> , page 394A	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
Algorithm Projects					
1	U.S. Traditional Addition	A1–A4	SMP1, SMP2, SMP3, SMP4, SMP5, SMP6, SMP7, 3.OA.8, 3.NBT.2	<i>Teacher’s Lesson Guide</i> Algorithm Project 1 [3.OA.8 and 3.NBT.2]	Major: Consider augmenting or upgrading here so that the new standards are covered more fully

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Lesson	Lesson Title	Pages	CCSS	Online Content for CCSS Alignment	Cluster Emphases & Recommendation
2	U.S. Traditional Subtraction	A5–A9	SMP1, SMP2, SMP3, SMP4, SMP5, SMP6, SMP7, <hr/> 3.OA.8, 3.NBT.2	<i>Teacher’s Lesson Guide</i> Algorithm Project 2 [3.OA.8 and 3.NBT.2]	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
3	U.S. Traditional Multiplication	A10–A14	SMP1, SMP2, SMP3, SMP4, SMP5, SMP6, <hr/> 3.OA.1	<i>Teacher’s Lesson Guide</i> Algorithm Project 3 [3.OA.1]	Major: Consider augmenting or upgrading here so that the new standards are covered more fully
4	U.S. Traditional Multiplication: Decimals	A15–A19	SMP1, SMP2, SMP3, SMP4, SMP5, SMP6	<i>Teacher’s Lesson Guide</i> Algorithm Project 4	Math practices only: Consider omitting