

Kindergarten 2018-2019 Pacing Guide

Quarter	Essentials = Red Good to Know = Black	Go Math	District Assessment
1st	<p>KCC1: count to 10 by ones; GM: 1.1-1.6, 1.8</p> <p>KCC4a: when counting objects, say the numbers in standard order (up to 5); GM: 1.1-1.6, 1.8</p> <p>KCC3: Read (identify) and write numbers from 0 to 5 using base ten numerals. Represent a number of up to 5 objects with a written numeral; GM: 1:1-1.10</p> <p>KCC4a: when counting objects, say the numbers in standard order (up to 10).</p> <p>KCC4b: last number said tells number of objects counted, and one-to-one correspondence; GM: 1.7</p> <p>KCC4c: each successive number names a quantity that is one larger; GM: 1.8</p> <p>KCC3: Read (identify) and write numbers from 0 to 20 using base ten numerals.</p> <p>**KCC1: count to 20 by ones</p>	Ch.1	Ch. 1 p.76 Task 13
	KCC6: compare two groups (0-5) (greater than, less than, equal to) by matching or counting; GM: 2.1-2.5	Ch.2	Ch. 2 p.114 Task 9
2nd	<p>KCC3: Read (identify) and write numbers from 6 to 9, represent a number of up to 9 objects with a written numeral; GM: 3:1-3.8</p> <p>**KCC1: count to 50 by ones and to 100 by tens</p>	Ch.3	Ch. 3 p.176 Task 11
	<p>**KCC1: count to 20 by ones</p> <p>KCC3: read (identify) and write numbers using base ten numerals 0 to 10. Represent a number of objects with a written numeral ; GM:4:1, 4.2, 4:4</p> <p>KCC2: count forward from any number instead of beginning at 1; GM: 4.4, 4.5</p> <p>KCC7: Compare 2 numbers between 1 and 10 as written numbers; GM: 3.9, 4.7</p>	Ch.4	Ch.4 p.224 Task 6
3rd	<p>KOA1: represent addition problems with objects; GM: 5.1-5.3</p> <p>KOA2: solve addition word problems to 10; GM: 5.7</p> <p>KOA3: decompose single-digit numbers into pairs; GM: 5.8-5.12</p> <p>KOA5: fluently add within 5; GM: 5.4, 5.6</p> <p>KOA4: Find 2 numbers making 10 by using objects or drawings, and record the answer by a drawing or equation (ten frames); GM: 5.5</p>	Ch.5	Ch. 5 p.305 Task 8

Mathematical Practice Standards taught throughout the year:

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- 7 Look for and make use of structure.

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3rd Cont.	<p>**KCC1: count to 50 by ones KCC4a: when counting objects, say the numbers in standard order (up to 19); GM: 7.1-7.5, 7.8-7.10 KCC5: Use counting to answer questions about “How many.” Using a number from 1-19, count out that many objects; GM: 7.1-7.5, 7.8-7.10 KCC3: read (identify) and write numbers using base ten from 0 to 19. Represent a number of objects with a written numeral (up to 19). GM: 7.1-7.5, 7.8-7.10 KNBT1: compose numbers from 11 to 19; GM: 7.1-7.5, 7.7-7.10 KNBT1: de-compose numbers from 11 to 19; GM: 7.1-7.5, 7.7-7.10</p>	Ch.7	Ch. 6 p.353 Task 3
	<p>KCC1: count to 100 by tens; GM: 8.7-8.8 KCC4a: when counting objects, say the numbers in standard order (up to 20); GM: 8.1-8.2 KCC5: Use counting to answer questions about “How many” Using a number from 1-20, count out that many objects; GM: 8.1-8.2 KCC3: read (identify) and write numbers using base ten from 0 to 20. Represent a number of objects with a written numeral (up to 20). GM: 8.1-8.2 KCC6: compare two groups (0-20) (greater than, less than, equal to) by matching or counting; GM: 8.4</p>	Ch.8	
4th	<p>KG2: correctly name shapes regardless of their orientation or overall sizes (2-D shapes); GM: 9:1, 9:3, 9:5, 9:7, 9:9 *KCC1: count to 100 by 1’s KG4: analyze and compare 2- and 3-dimensional shapes; GM: 9.2, 9.4, 9.6, 9.8, 9.10, 9.11 KG6: compose simple shapes to form larger shapes; GM: 9.12</p>	Ch.9	KEEP Assessment
	<p>KG2: correctly name shapes regardless of their orientation or overall sizes (3-D shapes); GM: 10:2-10.5 KG4: analyze and compare 2- and 3-dimensional shapes; GM: 10.1 KG3: Identify shapes as two-dimensional (2D) “flat” or three-dimensional (3D) “solid”; GM: 10.6 KG5: Model shapes in the world by building and drawing shapes; GM: 10.7 KG1: describe positional relationships between objects; GM: 10.8-10.10</p>	Ch.10	
	<p>KMD2: compare two objects with a measurable attribute in common; GM: 11.1-11.4 KMD1: describe measurable attributes of objects; GM: 11.5</p>	Ch.11	
	<p>KMD3: Classify objects into given categories; GM: 12.1-12.5</p>	Ch.12	

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First Grade 2018-2019 Pacing Guide

Quarter	Essential/Good To Know	Go Math	Envisions (DLI)	District Assessment
1st	1 NBT1 - Count to 50	None *Supplemental Resource	None *Supplemental Resource	Chapt. 1 Mid-Chapter Checkpoint
	1.OA 1- Addition/Subtraction within 20 to solve word problems 1.OA. 3 - Apply properties of operations to add & subtract 1.OA. 6 - add & subtract within 10	Ch.1 - Addition Concepts Pacing Guide 11-13 days	Topic 1 Solve addition and subtraction problems to 10	Chapt. 2 Mid-Chapter Checkpoint
	1.OA 1 - use add & subtract within 20 to solve word problems 1 OA 8 - determine the unknown whole number relating three whole numbers	Ch 2 - Subtraction Concepts Pacing Guide 12-14 days	Topic 2	
	1 OA 6 - add & subtract within 10 1.OA. 3 - Apply properties of operations to add & subtract 1 OA 2 - solve word problems that add three whole numbers 1 OA 5 - relate counting to addition and subtraction	Ch 3- Addition Strategies Pacing Guide 14-16 days	Topic 3 - Addition Facts to 20: Use strategies	
2nd	1 OA 1 - Addition/Subtraction within 20 to solve word problems 1 OA 4 - subtraction as an unknown-addend problem 1 OA 5 - relate counting to addition and subtraction 1 OA 6 - add & subtract within 10	Ch 4 - Subtraction Strategies Pacing Guide 10-12 days	Topic 4 - Subtraction Facts 20: Use Strategies	Chapt. 4 Mid-Chapter Checkpoint
	1 OA 1 - Addition/Subtraction within 20 to solve word problems 1 OA 6 - add & subtract within 10 1 OA 7 - understanding meaning “=” 1 OA 8 - determine the unknown whole number relating three whole numbers (+,-)	Ch 5 - Addition and Subtraction Relationships Pacing Guide 13-15 days	Topic 5 - Work with addition and subtraction equations	Chapt. 5 Mid-Chapter Checkpoint

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3rd	<p>1 NBT 1 - count to 120</p> <p>1 NBT 2 - understand the 2 digits of a 2-digit number are tens & ones</p> <p>1 NBT 3 - compare two 2-digit numbers</p>	<p>Ch 6 - Count and Model Numbers</p> <p>Pacing Guide 13-15 days</p>	<p>Topic 7 - Extend the counting sequence</p> <p>Topic 8 - Understand Place Value</p>	<p>Chapt. 6 Mid-Chapter Checkpoint</p> <p>Chapt. 7 Mid-Chapter Checkpoint</p>
	<p>1 OA 7 - understanding meaning “=”</p> <p>1 NBT 3 - compare two 2-digit numbers</p> <p>1 NBT 5 - given a 2-digit number mentally find 10 more or 10 less than a number without having to count</p>	<p>Ch 7 - Compare Numbers</p> <p>Pacing Guide 8-10 days</p>	<p>Topic 9 - Compare Two-digit numbers</p>	
	<p>1 OA 6 - add & subtract within 20, fluently to 10</p> <p>1 NBT 4 - add to 100, including a 2- by a 1-digit</p> <p>1 NBT 6 - subtract multiples of 10</p>	<p>Ch 8 - Two-Digit Addition and Subtraction</p> <p>Pacing Guide 13-15 days</p>	<p>Topic 10 add tens and ones</p> <p>Topic 11 subtract tens</p>	
4th	<p>1 MD 2 - measure an object by laying multiple shorter ones</p> <p>1 MD 1 - order three objects by length, compare two by using a third</p> <p>1 MD 3 - tell and write time in hours and half hours, analog and digital</p>	<p>Ch 9 - Measurement</p> <p>12-14 days</p>	<p>Topic 12 - Measure Lengths</p> <p>Topic 13 Time</p>	<p>Chapt. 9 Mid-Chapter Checkpoint</p> <p>Chapt. 10 Mid-Chapter Checkpoint</p>
	<p>1MD4: organize, represent, and interpret data with up to three categories.</p>	<p>Ch. 10- Represent Data</p> <p>9-11 days</p>	<p>Topic 6 Represent and interpret data</p> <p>Topic</p>	
	<p>1G1: distinguish between defining v. non-defining attributes of shapes</p> <p>1G2: compare 2-dimensional shapes to create composite shape</p>	<p>Ch. 11- Three- Dimensional Geometry</p> <p>8-10 Days</p>	<p>Topic 14 Reason with shapes and their attributes</p>	
	<p>1G1: distinguish between defining v. non-defining attributes of shapes</p> <p>1G2: compare 2-dimensional shapes to create composite shape</p> <p>1G3: partition circles and rectangles into two and four shares.</p>	<p>Ch. 12- Two-Dimensional</p> <p>13-15 days</p>	<p>Topic 15</p> <p>Equal shares of circles and rectangles</p>	

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Second Grade 2018-2019 Pacing Guide

Quarter	Essential/GTK	Go Math	Envisions (DLI)	District Assessment
1st	2NBT2 count to 1000, skip count by 5s, 10s, and 100s; 2NBT3 read & write numbers to 1000 2OA3 determine odd or even number in a group; sum of two equal addends	Chapter 1	Topic 2 Topic 9	Ch. 1 Mid-Chapter Checkpoint
	2NBT1 understand digits of 3-digit number are 100's, 10's & 1's 2NBT3 read & write numbers to 1000 2NBT4 compare two 3-digit numbers 2NBT8 mentally add 10 mentally subtract 10;	Chapter 2	Topic 9	Ch. 2 Mid-Chapter Checkpoint
	2OA1 add & subtract 1- & 2-step problems 2OA2 fluently add & subtract within 20	Chapter 3	Topic 1 Topic 3	
2nd	2NBT5 fluently add & subtract to 100 2OA1 add & subtract 1- & 2-step problems 2NBT6 add four 2-digit numbers 2NBT9 explain addition and subtraction strategies	Chapter 4	Topic 3 Topic 4	Ch. 4 Mid-Chapter Checkpoint
	2NBT5 fluently add & subtract to 100 2OA1 add & subtract 1 step problems	Chapter 5	Topic 5 Topic 6	Ch. 5 Mid-Chapter Checkpoint
	2OA1 add & subtract 1- step problems	Supplemental Missing Addends	Topic 4 Topic 7	
3rd	2NBT7 add w/ regrouping & simple subtract w/o regrouping within 1000 2NBT9 explain addition and subtraction strategies	Chapter 6	Topic 10 Topic 11	Ch. 6 Mid-Chapter Checkpoint
	2MD7 Tell and write time to 5 minutes, am, pm, digital, analog 2MD8 Solve word problems with dollar bills, quarters, dimes, nickels, pennies using symbols	Chapter 7	Topic 8	

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3rd Cont.	2MD1 measure length of object w/ appropriate tools 2MD3 estimate lengths 2MD5 solve word problems using addition and subtraction 2MD6 represent whole numbers on a number line and sums and differences	Chapter 8	Topic 12 Topic 13	Ch. 8 Mid-Chapter Checkpoint
	2MD1 measure length of object w/ appropriate tools 2MD3 estimate lengths 2MD4 measure and compare lengths 2MD5 solve word problems using addition and subtraction 2MD6 represent whole numbers on a number line and sums and differences	Chapter 9	Topic 12 Topic 13	
	2OA1 add & subtract 1- & 2-step problems	Supplemental 1-step Story Problems	Topic 7	
4th	2MD10 draw a picture graph and bar graph with up to four categories;	Chapter 10	Topic 14	Ch. 10 Mid-Chapter Checkpoint
	2G1 recognize & draw shapes w/ given attributes; 2G3 partition circles & rectangles into equal shares & describe them as halves, thirds & fourths 2G2 partition rectangle into rows and columns of same size squares	Chapter 11	Topic 15	
	2G3 partition circles & rectangles into equal shares & describe them as halves, thirds & fourths 2G2 partition rectangle into rows and columns of same size squares	Supplemental Fractions	Topic 15	Ch. 11 Mid-Chapter Checkpoint
	2OA4 find total number of objects in 5 by 5 arrays	Supplemental Arrays	Topic 2	
	2OA1 add & subtract 1- & 2-step problems	Supplemental 1 and 2-step Story Problems	Topic 7	

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Third Grade Pacing Guide 2018-2019

Quarter	Essential/GTK	Go Math	Envisions (DLI)	District Assessment
1st	3NBT.A.2 add/subt 3.OAD.9 patterns, prop of operations 3NBT.A.1 rounding 3OAD8 2-step add/subt	Ch.1	Topic 8; Topic 9: Lesson 11-1	Ch. 1 Mid-chapter checkpoint
	3MDB3 graphing 3MDB 4 measure w rulers 3OAD8 2-step add/subt	Ch. 2	Topic 7: Lessons 12-6, 12-7	3.NBT.A.2 Quiz PMT
2nd	3OA.A.1 multi 3OA.A.3 mul/div word prob 3OA.D.8 2-step add/subt, multi/div properties	Ch. 3	Topic 1 Topic 2 Lessons 11-2, 11-3, 11-4	Ch. 3 Mid-chapter Checkpoint
	3OA.A.3 multi/div word prob 3OA.C.7 fluently multi/div 3OA.B.5 multi/div properties 3OA.D.9 patterns and explain 3OA.D.8 2-step w add/subt/mult/div	Ch. 4	Topic 3 Topic 5	3.OA.3 Quiz PMT Multiplication only
	3OA.D.9 patterns and explain 3OA.A.4 missing factors 3NBT.A.3 multi by multiples of 10	Ch. 5	Topic 4 Lessons 10-1, 10-2, 10-3, 10-4,	*3OA.C.7: <i>tested in Q4</i>
3rd	3OA.A.2 division 3OA.A.3 multi/div word prob 3OA.C.7 fluently multi/div 3OA.B.6 div as missing factor 3OA.B.5 properties of multi/div	Ch.6	Review Topics 1-5; Topic 11	Chapt. 6 Mid-Chapter Checkpoint

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3rd Cont.	3OA.3 multi/div word prob 3OA.C.7 fluently multi/div 3OA.A.4 missing factor 3OA.D.8 2-step word prob with 4 operations	Ch. 7	Additional resources needed	3.OA.C.7 Quiz PMT
	3NF.A.1 parts of whole 3NF.A.2.A fraction on number line-intervals 3NF.A.2.B fraction on number line-lengths	Ch. 8	Topic 12 Lesson 13-7	
	3NFA.3.D equivalent/compare fractions 3NFA.3.A fraction on number line-intervals 3NFA.3.B fraction on number line-lengths	Ch. 9	Topic 13	
4th	3MD.A.1 time in mins 3MD.B.4 lengths on rulers 3MD.A.2 metric msmt 1-step	Ch. 10	Topic 14 3MD.B.4 Additional Resources needed	Chapt. 11 Mid-Chapter Checkpoint
	3MD.C.5 area 3MD.C.5.A,B area 3MD.C.6 area by counting squares 3MD.C.7.A/B area as multi/add 3MD.D.8 perimeter 3MD.C.7.C/D tiling as distrib prop, area as additive	Ch. 11	Topic 6 Topic 16	
	GA.1 geom attributes GA.2 shapes as equal area, express as fractions	Ch. 12	Topic 15 GA.2 Additional Resources needed	

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Fourth Grade Pacing Guide 2018-2019

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1st	4NBT.1 digit in one place of a multi-digit number is 10 times the place to the right 4NBT.2 read & write multi-digit whole numbers 4NBT.3 round multi-digit whole numbers 4NBT.4 fluently add/subtract multi-digit numbers using standard algorithm	Ch. 1	Ch. 1 End of Chapter Test Ch. 2 Mid-Chapter Checkpoint
	4NBT.5 Multiply a whole number of up to four digits by a one-digit whole number, and multiply two two-digit numbers	Ch. 2	
2nd	4NBT.5 Multiply a whole number of up to four digits by a one-digit whole number, and multiply two two-digit numbers 4OA.1 interpret a multiplication equation as a comparison 4OA.2 solve word problems involving multiplicative comparison	Ch. 2 Ch. 3	Ch. 2 End of Chapter Test Ch. 4 End of Chapter Test
	4NBT.6 find whole-number quotients and remainders for simple problems 4OA.3 multi-step word problems all four operations	Ch. 4	
	4OA.4 find all factor pairs for a whole number	Ch. 5	
3rd	4NF.1 explain why fraction $a/b = a$ fraction $(n \times a)/(n \times b)$ 4NF.2 compare 2 fractions w/ diff numerators & denominators	Ch. 6	Ch. 6 End of Chapter Test Ch. 7 End of Chapter Test
	4NF.3 understand fraction a/b with $a > 1$ is a sum of fractions $1/b$;	Ch. 7	
	4NF.4 apply and extend understandings to multiply a fraction by a whole number	Ch. 8	

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4th	4OA.5 generate a number or shape pattern that follows a given rule 4G.1 draw points, lines, line segments . . . etc 4G.2 classify 2-dimensional using parallel or perpendicular lines 4G.3 recognize a line of symmetry	Ch. 10	Ch.11 Test State Testing
	4MD.5 recognize angles as shapes formed by 2 rays with a common endpoint 4MD.6 measure angles using a protractor 4MD.7 recognize angle measure as additive	Ch. 11	
	4MD.1 know relative sizes of measurement units within one system 4MD.2 solve word problems using the four operations 4MD.4 make a line plot to display a data set of fraction measurements	Ch. 12	
	4MD.3 apply the area & perimeter formulas for rectangles in real world problems	Ch. 13	

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Fifth Grade Pacing Guide 2018-2019

Quarter	Essential/GTK	Go Math	District Assessment
1st	5.NBT.1 digit in one place is 10 times a number to the right/is $\frac{1}{10}$ of a number to the left 5.OA.1 write expressions using parentheses, brackets, or braces 5.NBT.2 explain pattern of zeros when multiplying powers of 10 5.NBT.5 fluently multiply multi-digit numbers 5.OA.2 write simple & interpret numerical expressions	Ch.1-Place Value, Multiplication, Expressions	NBT.5 Quiz PMT NBT.6 Quiz PMT
	5.NBT.6 find whole-number quotients up to 4 digit dividends & 2 digit divisors	Ch. 2-Divide Whole Numbers	
2nd	5.NBT.1 digit in one place is 10 times a number to the right/is $\frac{1}{10}$ of a number to the left 5.NBT.3 read, write and compare decimals to thousandths 5.NBT.4 round decimals to any place 5.NBT.7 use all 4 operations to calculate with decimals to hundredths	Ch. 3-Add & Subtract Decimals	Ch. 3 Mid-Chapter Checkpoint
	5.NBT.2 explain pattern of zeros when multiplying powers of 10 5.NBT.7 use all 4 operations to calculate with decimals to hundredths	Ch. 4-Multiply Decimals	Ch. 4 Mid-Chapter Checkpoint
	5.NBT.2 explain pattern of zeros when multiplying powers of 10 5.NBT.7 use all 4 operations to calculate with decimals to hundredths	Ch. 5- Divide Decimals	
3rd	5.NF.1 add & subtract fractions with unlike denominators 5.NF.2 solve word problems that add & subtract fractions	Ch.6- Add & Subtract Fractions w/ Unlike Denominators	Ch. 6 Mid-Chapter Checkpoint
	5.NF.4 apply & extend understandings of multiplication to fractions 5.NF.5 interpret multiplication as scaling 5.NF.6 solve real world problems that multiply fractions and mixed numbers	Ch. 7- Multiply Fractions	Ch. 8 Mid-Chapter Checkpoint
	5.NF.7 apply & extend division to unit fractions 5.NF.3 interpret a fraction as a division problem	Ch. 8- Divide Fractions	

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4th	5.MD.2 make a line plot to display a data set of fractional measurements 5.G.1 graph points on the coordinate plane 5.G.2 represent real world problems by graphing on a coordinate plane 5.OA.3 graph ordered pairs after generating numerical patterns	Ch. 9- Algebra: Patterns and Graphing	MD.3a Quiz PMT State Testing
	5.MD.1 convert standard units within a given measurement system	Ch. 10- Convert Units of Measurement	
	5.G.3 understand attributes of 2-D shapes also belong to their subsets 5.G.4 classify 2-dimensional figures in a hierarchy based on properties 5.MD.3 recognize & use attribute of volume for solid figures 5.MD.4 measure volumes by counting unit cubes 5.MD.5 relate volume to multiplication & addition, solve real world volume problems	Ch. 11- Geometry & Volume	

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Sixth Grade Pacing Guide 2018-2019

Quarter	Essential/GTK	Go Math	District Assessment
1st	6.NS.5 understand that positives & negatives describe quantities of opposites 6.NS.7 understand ordering and absolute value of rational numbers;	Module 1 Integers	Module 3 & 4
	6.NS.4 find the greatest common factor of two whole numbers	Module 2 Factors and Multiples	
	6.NS.6 recognize opposite signs of numbers by locations on the number line; 6.NS.6C find and position integers on a horizontal or vertical number line 6.NS.7 understand ordering and absolute value of rational numbers	Module 3 Rational Numbers	
	6.NS.4 find the greatest common factor of two whole numbers 6.NS.1 compute quotients of fractions to solve word problems;	Module 4 Operations with Fractions	
2nd	6.NS.2 fluently divide multi-digit numbers 6.NS.3 fluently add, subtract, multiply, and divide multi-digit decimals	Module 5 Operations with Decimals	Module 5 & 6
	6.RP.1 understand & use the concept of ratio 6.RP.2 Understand the concept of a unit rate and use rate 6.RP.3 solve unit rate problems	Module 6 Representing Ratios and Rates	
	6.RP.3 make tables of equivalent ratios 6.RP.3D use ratio reasoning to convert measurement units	Module 7 Applying Ratios and Rates	
	6.RP.3C find a % as a rate/100, solve problems finding the whole given a part & %;	Module 8 Percents	

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3rd	6.EE.1 write & evaluate expressions using whole number exponents	Module 9 Generating Equivalent Numerical Expressions	Module 11 & 13
	6.EE.2 write, read & evaluate expressions with letters standing for numbers 6.EE.3 apply the properties to generate equivalent expressions	Module 10 Generating Equivalent Algebraic Expressions	
	6.EE.7 solve real-world problems by solving simple linear equations 6.EE.5 reason about one-variable equations or inequalities 6.EE.8 write an inequality to represent a constraint	Module 11 Equations and Relationships	
	6.NS.6C find and position integers on a horizontal or vertical number line 6.EE.9 represent and analyze relationships between dependent/independent	Module 12 Relationships in Two Variables	
	6.G.1 find the area of a polygons with unit fraction edge lengths	Module 13 Area of Polygons	
4th	6.NS.8 solve real-world problems by graphing on a coordinate plane 6.G.3 draw polygons in the coordinate plane	Module 14 Distance and Area in the Coordinate Plane	Module 16 State Testing
	6.G.4 represent 3-dimensional figures using nets; 6.G.2 find the volume of a right rectangular prism	Module 15 Surface Area and Volume of Solids	
	6.SP.3 measure of central tendency 6.SP.5 summarize numerical data sets in relation to their context 6.SP.4 display numerical data on a line plot, histogram, and box plots	Module 16 Displaying, Analyzing, and Summarizing Data	

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