

**Lower Township Elementary Schools**  
**GoMATH Common Core State Standards**  
**Topic/Lesson Pacing Chart**  
 Grade 5

<b>CRITICAL AREA</b>			
<b>Fluency with whole numbers and decimals</b>			
<b>Pre-requisite Skills Inventory: Administer Week 1</b>			
<b>CHAPTER 1: Place Value, Multiplication, &amp; Expressions</b>	<b>Lesson</b>	<b>CCSS</b>	<b>Timeline (15-17 days)</b>
Intro	Introduction of chapter-Assessing Prior Knowledge		1 day
1-1	Investigate-Place Value and Patterns	5.NBT.A.1	1-2 days
1-2	Place Value of Whole Numbers	5.NBT.A.1	1 day
1-3	Algebra-Properties	5.OA.A.1	1 day
1-4	Algebra-Powers of Ten and Exponents	5.NBT.A.2	1 day
1-5	Algebra-Multiplication Patterns	5.NBT.A.2	1 day
1-6	Multiply by 1-Digit Numbers	5.NBT.B.5	1 day
1-7	Multiply by Multi-Digit Numbers	5.NBT.B.5	1 day
1-8	Relate Multiplication to Division	5.NBT.B.6	1 day
1-9	Problem Solving and Division	5.NBT.B.6	1-2 days
1-10	Algebra-Numerical Expressions	5.OA.A.1, 5.OA.A.2	1 day
1-11	Algebra-Evaluate Numerical Expressions	5.OA.A.1	1 day
1-12	Algebra Grouping symbols	5.OA.A.1	1 day
Review			1 day
Test			1 day
PARCC Review Intervention lessons Enrichment lessons			20 minute math review

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<b>CRITICAL AREA</b>			
<b>Fluency with Whole Numbers and Decimals</b>			
<b>CHAPTER 2: Divide Whole Numbers</b>	<b>Lesson</b>	<b>CCSS</b>	<b>Timeline</b> 12-14 days
Intro	Introduction of Chapter-Assessing Prior Knowledge		1 day
2-1	Place the First Digit	5.NBT.B.6	1 day
2-2	Divide by One-Digit Divisors	5.NBT.B.6	1 day
2-3	Investigate: Division with Two-Digit Divisors	5.NBT.B.6	1-2 days
2-4	Partial Quotients	5.NBT.B.6	1 day
2-5	Estimate with Two-Digit Divisors	5.NBT.B.6	1 day
2-6	Divide by Two Digit Divisors	5.NBT.B.6	1 day
2-7	Interpret the Remainder	5.NBT.B.6, 5.NF.B.3	1 day
2-8	Adjust Quotients	5.NBT.B.6	1 day
2-9	Problem Solving: Division	5.NBT.B.6	1-2 days
Review			1 day
Test			1 day
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<b>CRITICAL AREA</b>			
<b>Fluency with Whole Numbers and Decimals</b>			
<b>CHAPTER 3: Add and Subtract Decimals</b>	<b>Lesson</b>	<b>CCSS</b>	<b>Timeline</b> (15-17 days)
Intro	Introduction of Chapter-Assessing Prior Knowledge		1 day
3-1	Investigate: Thousandths	5.NBT.A.1, 5.NBT.A3a	1 day
3-2	Place Value of Decimals	5.NBT.A.1, 5.NBT.A3a	1 day
3-3	Compare and Order Decimals	5.NBT.A.3b	1 day
3-4	Round Decimals	5.NBT.A.4	1 day
3-5	Investigate: Decimal Addition	5.NBT.B.7	1-2 days
3-6	Investigate: Decimal Subtraction	5.NBT.B.7	1 day
3-7	Estimate Decimal Sums and Differences	5.NBT.B.7	1 day
3-8	Add Decimals	5.NBT.B.7	1 day
3-9	Subtract Decimals	5.NBT.B.7	1 day
3-10	Algebra: Patterns with Decimals	5.NBT.B.7	1 day
3-11	Problem Solving: Add and Subtract Money	5.NBT.B.7	1-2 days
3-12	Choose a Method	5.NBT.B.7	1 day
Review			1 day
Test			1 day
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<b>CRITICAL AREA</b>			
<b>Fluency with Whole Numbers and Decimals</b>			
<b>CHAPTER 4: Multiply Decimals</b>	<b>Lesson</b>	<b>CCSS</b>	<b>Timeline</b> (11-13 days)
Intro	Introduction of Chapter-Assessing Prior Knowledge		1 day
4-1	Algebra: Multiplication Patterns with Decimals	5.NBT.A.2, 5.NBT.B.7	1 day
4-2	Investigate: Multiply Decimals and Whole Numbers	5.NBT.B.7	1 day
4-3	Multiplication with Decimals and Whole Numbers	5NBT.A.2, 5.NBT.B.7	1 day
4-4	Multiply using Expanded Form	5NBT.A.2, 5.NBT.B.7	1 day
4-5	Problem Solving: Multiply Money	5.NBT.B.7	1-2 days
4-6	Investigate: Decimal Multiplication	5.NBT.B.7	1-2 days
4-7	Multiply Decimals	5NBT.A.2, 5.NBT.B.7	1 day
4-8	Zeros in the Product	5NBT.A.2, 5.NBT.B.7	1 day
Review			1 day
Test			1 day
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<b>CRITICAL AREA</b>			
<b>Fluency with Whole Numbers and Decimals</b>			
<b>CHAPTER 5: Divide Decimals</b>	<b>Lesson</b>	<b>CCSS</b>	<b>Timeline</b> (12-13 days)
Intro	Introduction of Chapter-Assessing Prior Knowledge		1 day
5-1	Algebra: Division Patterns with Decimals	5.NBT.A.2	1 day
5-2	Investigate: Divide Decimals by Whole Numbers	5.NBT.B.7	1-2 days
5-3	Estimate Quotients	5.NBT.B.7	1 day
5-4	Division of Decimals by Whole Numbers	5.NBT.B.7	1 day
5-5	Investigate: Decimal Division	5.NBT.B.7	1 day
5-6	Divide Decimals	5.NBT.A.2, 5.NBT.B.7	1 day
5-7	Write Zeros in the Dividend	5.NBT.B.7	1 day
5-8	Problem Solving: Decimal Operations	5.NBT.B.7	1 day
Review			1 day
Test			1 day
<b>Critical Area Performance Task *retain for records</b>			<b>1 day</b>
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<b>CRITICAL AREA</b>			
<b>Operations with Fractions</b>			
<b>CHAPTER 6: Add and Subtract Fractions with unlike Denominators</b>	<b>Lesson</b>	<b>CCSS</b>	<b>Timeline</b> (13-16 days)
Intro	Introduction of chapter-Assessing Prior Knowledge		1 day
6-1	Investigate: Addition with unlike Denominators	5.NF.A.1, 5.NF.A.2	1-2 days
6-2	Investigate Subtraction with unlike Denominators	5.NF.A.2	1 day
6-3	Estimate Fraction Sums and Differences	5.NF.A.2	1 day
6-4	Common Denominators and Equivalent Fractions	5.NF.A.1, 5.OA.A.2	1 day
6-5	Algebra-Multiplication Patterns	5.NF.A.1, 5.NF.A.2	1 day
6-6	Add and Subtract Mixed Numbers	5.NF.A.1, 5.NF.A.2	1 day
6-7	Subtraction with Renaming	5.NF.A.1, 5.NF.A.2	1-2 days
6-8	Algebra: Patterns with Fractions	5.NF.A.1	1 day
6-9	Problem Solving: Practice Addition and Subtraction	5.NF.A.1, 5.NF.A.2	1 day
6-10	Algebra: Use Properties of Addition	5.NF.A.1	1-2 days
Review			1 day
Test			1 day
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<b>CRITICAL AREA</b>			
<b>Operations with Fractions</b>			
<b>CHAPTER 7: Multiply Fractions</b>	<b>Lesson</b>	<b>CCSS</b>	<b>Timeline</b> (13-14 days)
Intro	Introduction of Chapter-Assessing Prior Knowledge		1 day
7-1	Find Part of a Group	5.NF.B.4a	1 day
7-2	Investigate: Multiply Fractions and Whole Numbers	5.NF.B.4a	1 day
7-3	Fraction and Whole Number Multiplication	5.NF.B.4a	1 day
7-4	Investigate: Multiply Fractions	5.NF.B.4a, 5.NF.B.4b	1 day
7-5	Compare Fraction Factors and Products	5.NF.B.5a, 5.NF.B.5b	1 day
7-6	Fraction Multiplication	5.NF.B.4a, 5.NF.B.5b, 5.NF.B.5a	1 day
7-7	Investigate: Area and Mixed Numbers	5.NF.B.4b	1-2 days
7-8	Compare Mixed Number Factors and Products	5.NF.B.5a, 5.NF.B.5b	1 day
7-9	Multiply Mixed Numbers	5.NF.B.6	1 day
7-10	Problem Solving: Find Unknown Lengths	5.NF.B.4b, 5.NF.B.6	1 day
Review			1 day
Test			1 day
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<b>CRITICAL AREA</b>			
<b>Operations with Fractions</b>			
<b>CHAPTER 8: Divide Fractions</b>	<b>Lesson</b>	<b>CCSS</b>	<b>Timeline</b> (9-11 days)
Intro	Introduction of Chapter-Assessing Prior Knowledge		1 day
8-1	Investigate: Divide Fractions and Whole Numbers	5.NF.B.7a, 5.NF.B.7b, 5.NF.B.7c	1-2 days
8-2	Problem Solving: Use Multiplication	5.NF.B.7b	1-2 days
8-3	Connect Fractions to Division	5.NF.B.3, 5.NF.B.7	1 day
8-4	Fraction and Whole Number Division	5.NF.B.7c, 5.NF.B.7a, 5.NF.B.7b	1 day
8-5	Interpret Division with Fractions	5.NF.B.7a, 5.NF.B.7b, 5.NF.B.7c	1 day
Review			1 day
Test			1 day
<b>Critical Area Performance Task *retain for records</b>			<b>1 day</b>
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<b>CRITICAL AREA</b>			
<b>Geometry and Measurement</b>			
<b>CHAPTER 9: Patterns and Graphing</b>	<b>Lesson</b>	<b>CCSS</b>	<b>Timeline (12 days)</b>
Intro	Introduction of Chapter-Assessing Prior Knowledge		1 day
9-1	Line Plots	5.MD.B.2	1 day
9-2	Ordered Pairs	5.G.A.1	1 day
9-3	Investigate: Graph Data	5.G.A.2	1-2 days
9-4	Line Graphs	5.G.A.2	1 day
9-5	Numerical Patterns	5.OA.B.3	1 day
9-6	Problem Solving: Find a Rule	5.OA.B.3	1-2 days
9-7	Graph and Analyze Relationships	5.OA.B.3, 5.G.A.2	1 day
Review			1 day
Test			1 day
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<b>CRITICAL AREA Geometry and Measurement</b>			
<b>CHAPTER 10: Geometry and Measurement</b>	<b>Lesson</b>	<b>CCSS</b>	<b>Timeline (10 days)</b>
Intro	Introduction of Chapter-Assessing Prior Knowledge		1 day
10-1	Customary Length	5.MD.A.1	1 day
10-2	Customary Capacity	5.MD.A.1	1 day
10-3	Weight	5.MD.A.1	1 day
10-4	Multistep Measurement Problems	5.MD.A.1	1 day
10-5	Metric Measures	5.MD.A.1	1 day
10-6	Problem Solving: Customary and Metric Conversions	5.MD.A.1	1-2 days
10-7	Elapsed Time	5.MD.A.1	1 day
Review			1 day
Test			1 day
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<b>CRITICAL AREA</b>			
<b>Geometry and measurement</b>			
<b>CHAPTER 11: Geometry and Volume</b>	<b>Lesson</b>	<b>CCSS</b>	<b>Timeline</b> (14-18 days)
Intro	Introduction of Chapter-Assessing Prior Knowledge		1 day
11-1	Polygons	5.G.B.3, 5.G.B.4	1 day
11-2	Triangles	5.G.B.3, 5.G.B.4	1 day
11-3	Quadrilaterals	5.G.B.3, 5.G.B.4	1 day
11-4	Three-Dimensional Figures	5.MD.C.3	1 day
11-5	Investigate: Unit Cubes and Solid Figures	5.MD.C.3a	1-2 days
11-6	Investigate: Understand Volume	5.MD.C.3b, 5.MD.C.4	1-2 days
11-7	Investigate: Estimate Volume	5.MD.C.4, 5.MD.C.3b	1 day
11-8	Volume of Rectangular Prisms	5.MD.C.5a, 5.MD.C.5b	1 day
11-9	Algebra: Apply Volume Formulas	5.MD.C.5a, 5.MD.C.5b	1 day
11-10	Problem Solving: Compare Volumes	5.MD.C.5b	1-2 days
11-11	Find Volume of Composed Figures	5.MD.C.5c, 5.MD.C.5b	1-2 days
Review			1 day
Test			1 day
<b>Critical Area Performance Task *retain for records</b>			<b>1 day</b>
<b>District Benchmark: End of the Year Test- Administer by June 6, 2015 *retain for records</b>			<b>1 day</b>
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<b>Getting Ready for Grade 6</b>	
1. Compare Fractions and Decimals	12. Understand Integers
2. Order Fractions and Decimals	13. Algebra- Write and Evaluate Expressions
3. Factor Trees	14. Algebra- Understand Inequalities
4. Model Percent	15. Polygons on a Coordinate Grid
5. Relate Decimals and Percents	16. Area of a Parallelogram
6. Fractions, Decimals and Percents	17. Median and Mode
7. Divide Fractions by Whole Numbers	18. Finding the Average
8. Ratios	19. Histograms
9. Equivalent Ratios	20. Analyze Histograms
10. Rates	<b>Lessons 12-20 Test</b>
11. Distance, Rate and Time	
<b>Lesson 1 to 11 Test</b>	