

**Lower Township Elementary
Schools
NJSL
Topic/Lesson Pacing Chart
Grade 3**

CRITICAL AREA: Developing understanding of multiplication and division and strategies for multiplication and division within 100

Pre-requisite Skills Inventory

CHAPTER 1 Addition & Subtraction Within 1,000 Sept. 14 – Oct. 1	Lesson	CCSS	Timeline (15 days)
	Introduction of chapter – Assess Prior Knowledge		1 day
Lesson 1.1	Algebra – Number Patterns	3.0A.9	1 day
Lesson 1.2	Round to the Nearest Ten or Hundred	3.NBT.1	1 day
Lesson 1.3	Estimate Sums	3.NBT.1,2	1 day
Lesson 1.4	Mental Math Strategies for Addition	3.NBT.2	1 day
Lesson 1.5	Algebra – Use Properties To Add	3.NBT.2	1 days
Lesson 1.6	Algebra – Use The Break Apart Strategy to Add	3.NBT.2	1 day
Lesson 1.7	Use Place Value to Add	3.NBT.1	1 day
Lesson 1.8	Estimate Differences	3.NBT.1,2	1 day
Lesson 1.9	Mental Math Strategies for Subtraction	3.NBT.2	1 day
Lesson 1.10	Mental Math Strategies for Subtraction	3.NBT.2	1 day
Lesson 1.11	Combine Place Values To Subtract	3.NBT.2	1 day
Lesson 1.12	Problem Solving – Model Addition and Subtraction	3.NBT.2	1 day
Review			1 day
Test			1 day
PARCC Review	Getting Ready for PARCC (BOOK) pages 41-42		20 minute math review

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CHAPTER 2 Represent & Interpret Data Oct. 2 – Oct. 16	Lesson	CCSS	Timeline (9 days)
Lesson 2.1	Problem Solving-Organize Data	3.MD.B.3	1 day
Lesson 2.2	Use Picture Graphs	3.MD.B.3	1 day
Lesson 2.3	Make Picture Graphs	3.MD.B.3	1 day
Lesson 2.4	Use Bar Graphs	3.MD.B.3	1 day
Lesson 2.5	Make Bar Graphs	3.MD.B.3	1 day
Lesson 2.6	Algebra-Solve Problems Using Data	3.MD.B.4	1 day
Lesson 2.7	Use and Make Line Plots	3.MD.B.4	1 day
Review			1 day
Test			1 day
PARCC Review	Getting Ready for PARCC pages 41-42		20 minute math review

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CHAPTER 3 Understand Multiplication Oct. 19 – Oct. 29	Lesson	CCSS	Timeline (9 days)
Lesson 3.1	Count Equal Groups	3.OA.A.1, 3	1 day
Lesson 3.2	Algebra-Relate Addition & Multiplication	3.OA.A.1, 3	1 day
Lesson 3.3	Skip Count on Number Line	3.OA.A.1, 3,7	1 day
Lesson 3.4	Problem Solving-Model Multiplication	3.OA.D.8	1 day
Lesson 3.5	Model with Arrays	3.OA.A.3	1 day
Lesson 3.6	Algebra-Commutative Property of Multiplication	3.OA.B.5	1 day
Lesson 3.7	Algebra-Multiply with 1 & 0	3.OA.B.5	1 day
Review			1 day
Test			1 day
PARCC Review	Getting Ready for PARCC pages 1-2; 5-6; 9-10; 15-16		20 minute math review

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CHAPTER 4 Multiplication Facts & Strategies Nov. 2 – Nov. 24	Lesson	CCSS	Timeline (14 days)
Lesson 4.1	Multiply with 2 & 4	3.OA.A.3	1 day
Lesson 4.2	Multiply with 5 & 10	3.OA.A.3	1 day
Lesson 4.3	Multiply with 3 & 6	3.OA.A.3	1 day
Review			1 day
Quiz			1 day
Lesson 4.4	Algebra-Distributive Property	3.OA.B.5	1 day
Lesson 4.5	Multiply with 7	3.OA.C.7	1 day
Lesson 4.6	Algebra-Associative Property of Multiplication	3.OA.B.5	1 day
Lesson 4.7	Algebra-Patterns on the Multiplication Table	3.OA.D.9	1 day
Lesson 4.8	Multiply with 8	3.OA.C.7	1 day
Lesson 4.9	Multiply with 9	3.OA.C.7	1 day
Lesson 4.10	Problem Solving-Multiplication	3.OA.D.8	1 day
Review			1 day
Test			1 day
PARCC Review	Getting Ready for PARCC Pages 5-6; 9-10; 13-14; 17-18		20 minute math review

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CHAPTER 5 Use Multiplication Facts Nov. 30- Dec. 8	Lesson	CCSS	Timeline (7 days)
Lesson 5.1	Algebra-Describe Pattern	3.OA.D.9	1 day
Lesson 5.2	Algebra-Find Unknown Factors	3.OA.A.4	1 day
Lesson 5.3	Problem Solving-Use the Distributive Property	3.NBT.A.3	1 day
Lesson 5.4	Multiplication Strategies with Multiples of 10	3.NBT.A.3	1 day
Lesson 5.5	Multiply Multiples of 10 by 1-Digit Numbers	3.NBT.A.3	1 day
Review			1 day
Test			1 day
PARCC Review	Getting Ready for PARCC pages 7-8; 17-18; 23-24		20 minute math review

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CHAPTER 6 Understand Division Dec. 9 – Dec. 23	Lesson	CCSS	Timeline (11 days)
Lesson 6.1	Problem Solving-Model Division	3.OA.A.3	1 day
Lesson 6.2	Size of Equal Groups	3.OA.A.2	1 day
Lesson 6.3	Number of Equal Groups	3.OA.A.2	1 day
Lesson 6.4	Model with Bar Models	3.OA.A.2	1 day
Lesson 6.5	Algebra-Relate Subtraction & Division	3.OA.A.3	1 day
Lesson 6.6	Investigate-Model with Arrays	3.OA.A.3	1 day
Lesson 6.7	Algebra-Relate Multiplication & Division	3.OA.B.6	1 day
Lesson 6.8	Algebra-Write Related Facts	3.OA.C.7	1 day
Lesson 6.9	Algebra-Division Rules for 1 and 0	3.OA.B.5	1 day
Review			1 day
Test			1 day
PARCC Review	Getting Ready for PARCC Pages: 3-6; 9-14		20 minute math review

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CHAPTER 7 Division Facts & Strategies Jan. 4 – Jan. 21	Lesson	CCSS	Timeline (13 days)
Lesson 7.1	Divide by 2	3.OA.A.3	1 day
Lesson 7.2	Divide by 10	3.OA.C.7	1 day
Lesson 7.3	Divide by 5	3.OA.A.3	1 day
Lesson 7.4	Divide by 3	3.OA.C.7	1 day
Lesson 7.5	Divide by 4	3.OA.C.7	1 day
Lesson 7.6	Divide by 6	3.OA.C.7	1 day
Lesson 7.7	Divide by 7	3.OA.C.7	1 day
Lesson 7.8	Divide by 8	3.OA.A.3 3.OA.A.4	1 day
Lesson 7.9	Divide by 9	3.OA.C.7	1 day
Lesson 7.10	Problem Solving-Two-Step Problems	3.OA.D.8	1 day
Lesson 7.11	Investigate-Order of Operations	3.OA.D.8	
Review			1 day
Test			1 day
PARCC Review ***Complete Critical Area Performance Task (1 Day)*** Retain for Records	Getting Ready for PARCC Pages: 5-6; 13;16		20 minute math review

CRITICAL AREA: Developing understanding of fractions, especially unit fraction(fraction with numerator 1)

CHAPTER 8 Understand Fractions Jan. 25- Feb. 9	Lesson	CCSS	Timeline (11 days)
Lesson 8.1	Equal Parts of a Whole	3.NF.A.1	1 day
Lesson 8.2	Equal Shares	3.NF.A.1	1 day
Lesson 8.3	Unit Fractions of a Whole	3.NF.A.1	1 day
Lesson 8.4	Fractions of a Whole	3.NF.A.1	1 day
Lesson 8.5	Fractions on a Number Line	3.NF.A.2a 3.NF.A.2b	1 day
Lesson 8.6	Relate Fractions and Whole Numbers	3.NF.A.3c	1 day
Lesson 8.7	Fractions of a Group	3.NF.A.1	1 day
Lesson 8.8	Find Part of a Group Using Unit Fractions	3.NF.A.1	1 day
Lesson 8.9	Problem Solving * Find the Whole Group Using Unit Fractions	3.NF.A.1	1 day
Review			1 day
Test			1 day
PARCC Review	Getting Ready for PARCC Pages: 25-28; 33-34		20 minute math review

CRITICAL AREA: Developing understanding of fractions, especially unit fraction(fraction with numerator 1)

CHAPTER 9 Compare Fractions Feb. 10 – Feb. 24	Lesson	CCSS	Timeline (10 days)
Lesson 9.1	Problem Solving * Compare Fractions	3.NF.A.3d	1 day
Lesson 9.2	Compare Fractions with the Same Denominator	3.NF.A.3d	1 day
Lesson 9.3	Compare Fractions with the Same Numerator	3.NF.A.3.d	1 day
Lesson 9.4	Compare Fractions	3.NF.A.3.d	1 day
Lesson 9.5	Compare & Order Fractions	3.NF.A.3.d	1 day
Lesson 9.6	Investigate * Model Equivalent Fractions	3.NF.A.3b	1 day
Lesson 9.7	Equivalent Fractions	3.NF.A.3b	1 day
Review			1 day
Test			1 day
PARCC Review ***Complete Critical Area Performance Task (1 Day)*** Retain for Records	Getting Ready for PARCC Pages: 29-32; 35-36		20 minute math review

CRITICAL AREA: Developing understanding of the structure of rectangular arrays and of area

CHAPTER 10 Time, Length, Liquid Volume, Mass Feb. 25 – Mar. 9	Lesson	CCSS	Timeline (11 days)
Lesson 10.1	Time to the Minute	3.MD.A.1	1 day
Lesson 10.2	A.M. & P.M.	3.MD.A.1	1 day
Lesson 10.3	Measure Time Intervals	3.MD.A.1	1 day
Lesson 10.4	Use Time Intervals	3.MD.A.1	1 day
Lesson 10.5	Problem Solving * Time Intervals	3.MD.A.1	1 day
Lesson 10.6	Measure Length	3.MD.B.4	1 day
Lesson 10.7	Estimate & Measure Liquid Volume	3.MD.A.2	1 day
Lesson 10.8	Estimate and Measure Mass	3.MD.A.2	1 day
Lesson 10.9	Solve Problems About Liquid Volume & Mass	3.MD.A.2	1 day
Review			1 day
Test			1 day
PARCC Review	Getting Ready for PARCC Pages: 37-40; 43-44		20 minute math review

CRITICAL AREA: Developing understanding of the structure of rectangular arrays and of area

CHAPTER 11 Perimeter & Area Mar. 10 - Mar. 24	Lesson	CCSS	Timeline (13 days)
Lesson 11.1	Investigate* Model Perimeter	3.MD.D.8	1 day
Lesson 11.2	Find Perimeter	3.MD.D.8	1 day
Lesson 11.3	Algebra* Find Unknown Side Lengths	3.MD.D.8	1 day
Lesson 11.4	Understand Area	3.MD.C.5 3.MD.C.5a	1 day
Lesson 11.5	Measure Area	3.MD.C.5b 3.MC.C.6	1 day
Lesson 11.6	Use Area Models	3.MD.C.7 3.MD.C.7a	1 day
Lesson 11.7	Problem Solving* Area of Rectangle	3.MD.C.7b	1 day
Lesson 11.8	Area of Combined Rectangles	3.MD.C.7c 3.MD.C.7d	1 day
Lesson 11.9	Same Perimeter, Different Areas	3.MD.D.8	1 day
Lesson 11.10	Same Area, Different Perimeters	3.MD.D.8	1 day
Review			1 day
Test			1 day
PARCC Review	Getting Ready for PARCC Pages: 45-58		20 minute math review

CRITICAL AREA: Developing understanding of the structure of rectangular arrays and of area

CHAPTER 12 Two Dimensional Shapes Apr. 4 – Apr. 19	Lesson	CCSS	Timeline (12 days)
Lesson 12.1	Describe Plane Shapes	3.G.A.1	1 day
Lesson 12.2	Describe Angles in Plane Shapes	3.G.A.1	1 day
Lesson 12.3	Identify Polygons	3.G.A.1	1 day
Lesson 12.4	Describe Sides of Polygons	3.G.A.1	1 day
Lesson 12.5	Classify Quadrilaterals	3.G.A.1	1 day
Lesson 12.6	Draw Quadrilaterals	3.G.A.1	1 day
Lesson 12.7	Describe Triangles	3.G.A.1	1 day
Lesson 12.8	Problem Solving*Classify Plane Shapes	3.G.A.1	1 day
Lesson 12.9	Investigate*Relate Shapes, Fractions, & Area	3.G.A.2	1 day
Review			1 day
Test			1 day
PARCC Review ***Complete Critical Area Performance Task (1 Day)*** Retain for Records	Getting Ready for PARCC Pages: 59-62		20 minute math review

The following lessons will be completed once chapter 12 is finished.

Getting Ready for Grade 4	
Lesson 1: Numbers to Ten Thousand	Lesson 12: Model Tenths and Hundredths
Lesson 2: Read and Write Numbers to Ten Thousands	Lesson 13: Fractions Greater Than One
Lesson 3: Relative Size on a Number Line	Lesson 14: Equivalent Fractions
Lesson 4: Compare 3- and 4-Digit Numbers	Lesson 15: Equivalent Fractions on a Multiplication Table
Lesson 5: Multiply with 11 and 12	Lesson 16: Same Size, Same Shape
Lesson 6: Divide with 11 and 12	Lesson 17: Algebra • Change Customary Units of Length
Lesson 7: Algebra • Multiplication and Division Relationships	Lesson 18: Algebra • Change Metric Units of Length
Lesson 8: Use Multiplication Patterns	Lesson 19: Estimate and Measure Liquid Volume
Lesson 9: Use Models to Multiply Tens and Ones	Lesson 20: Estimate and Measure Weight
Lesson 10: Model Division with Remainders	Getting Ready Test: Lessons 12–20
Lesson 11: Use Models to Divide Tens and Ones	
Getting Ready Test: Lessons 1–11	

*****End of Year Assessments and Critical Area Performance Tasks *****