



Elementary Curriculum and Development

INSPIRING TEACHING, IGNITING LITERACY & LEARNING.

Mathematics – Grade 3

2021-2022 Pacing Calendar

Units of Instruction

Unit 1: Establish Math Routines and Understand Place Value to 100,000

Students will compose, decompose, compare, and order numbers to 100,000 and describe the mathematical relationships in the base-10 place value system.

2021		August				
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
01	02	03	04	05	06	07
	Enrichment Opportunities					
08	09	10	11	12	13	14
	Enrichment Opportunities					
15	16	17	18	19	20	21
	Teacher Service Days (no students)		Teacher Prep Day (no students)	Teacher Service Days (no students)		
22	23	24	25	26	27	28
	Learning Recovery Day: Place Value	Unit 1: Establish Math Routines and Understand Place Value to 100,000 (11 lessons)				
29	30	31	01	02	03	04
	Unit 1: Establish Math Routines and Understand Place Value to 100,000 (11 lessons)					
05	06	Notes: Aug. 16-20 - Teacher Service Days (no students)				



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Units of Instruction

Unit 1: Establish Math Routines and Understand Place Value to 100,000

Students will compose, decompose, compare, and order numbers to 100,000 and describe the mathematical relationships in the base-10 place value system.

Unit 2: Establish Math Routines and Solve One-Step Addition and Subtraction Problems

Students will use a variety of strategies, including number lines, to round and estimate solutions to and represent and solve one-step addition and subtraction word problems.

Unit 3: Data

Students apply mathematical process standards to solve problems by collecting, organizing, displaying, and interpreting data.

2021		September				
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
29	30	31	01	02	03	04
			Unit 1: Establish Math Routines and Understand Place Value to 100,000 (11 lessons)			
05	06 Labor Day	07	08	09	10	11
		Unit 1: Establish Math Routines and Understand Place Value to 100,000 (11 lessons)		• Extend • Review • Assess • Reteach	Unit 2 (10 lessons)	
12	13	14	15	16	17	18
	Unit 2: Solve One-Step Addition and Subtraction Problems (10 lessons)			Fall Holiday	Teacher Service Day (no students)	
19	20	21	22	23	24	25
	Unit 2: Solve One-Step Addition and Subtraction Problems (10 lessons)					
26	27	28	29	30	01	02
	Unit 2 (10 lessons)	• Extend • Review • Assess • Reteach	Unit 3: Data Part 1: Pictographs and Bar Graphs (3 lessons)			
03	04	Notes: Sept. 6 - Labor Day Sept. 16 - Fall Holiday Sept. 17 - Teacher Service Day (no students)				



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Units of Instruction

Unit 3: Data
Students apply mathematical process standards to solve problems by collecting, organizing, displaying, and interpreting data.

Unit 4: Multiplication and Division Fluency
Students will use a variety of strategies to develop fluency and automaticity with multiplication and division facts. Students will determine a quotient using the relationship between multiplication and division and will use divisibility rules to determine whether a number is even or odd.

Unit 5: Two-Step Addition and Subtraction Problems
Students will use a variety of strategies, including number lines, to round and estimate solutions to and represent and solve one- and two-step addition and subtraction word problems, including problems that involve data.

2021		October					
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
26	27	28	29	30	01 Unit 3 Part 1 (3 lessons)	02 END OF CYCLE 1	
03	04 Teacher Service Day (no students)	05 Unit 3: Data Part 2: Dot Plots (3 lessons)			07 • Extend • Review • Assess • Reteach	09	
10	11 Learning Recovery Days: Multiplication & Division Fluency		13 Unit 4: Multiplication & Division Fluency (7 lessons)			16	
17	18 Unit 4: Multiplication & Division Fluency (7 lessons)				22 • Extend • Review • Assess • Reteach	23	
24	25 Unit 5: Two-Step Addition and Subtraction Problems (9 lessons)					30	
31	01	Notes: Oct. 4 - Teacher Service Day (no students) Oct. 25-29 - Snapshot #1 Assessment Window					



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Units of Instruction

Unit 5: Two-Step Addition and Subtraction Problems

Students will use a variety of strategies, including number lines, to round and estimate solutions to and represent and solve one- and two-step addition and subtraction word problems, including problems that involve data.

Unit 6: One-Step Multiplication and Division Problems

Students will apply mathematical process standards to develop and use strategies for representing and solving one-step multiplication and division problems.

Unit 7: Relationships using Number Pairs

Students will analyze and create number patterns and represent relationships in tables and with verbal descriptions.

2021		November					
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
31	01	02	03	04	05	06	
	Unit 5: Two-Step Addition and Subtraction Problems (9 lessons)				<ul style="list-style-type: none"> • Extend • Review • Assess • Reteach 		
07	08	09	10	11	12	13	
	Unit 6: One-Step Multiplication and Division Problems Part 1: Multiplication and Division Within 100 (5 lessons)					END OF CYCLE 2	
14	15	16	17	18	19	20	
	Unit 6: One-Step Multiplication and Division Problems Part 2: Multiplication of 2-Digit by 1-Digit Numbers (5 lessons)						
21	22	23	24	25	26	27	
	Thanksgiving						
28	29	30	01	02	03	04	
	Unit 7: Relationships Using Number Pairs (5 lessons)						
05	06	Notes: Nov. 22-26 - Thanksgiving Break					



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Units of Instruction

Unit 7: Relationships using Number Pairs
Students will analyze and create number patterns and represent relationships in tables and with verbal descriptions.

Unit 8: Intervals of Time
Students will apply mathematical process standards to determine solutions to problems involving addition and subtraction of time intervals.

2021		December				
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
28	29	30	01	02	03	04
			Unit 7: Relationships Using Number Pairs (5 lessons)			
05	06	07	08	09	10	11
	• Extend • Review • Assess • Reteach				Unit 8 (6 lessons)	
12	13	14	15	16	17	18
	Unit 8: Intervals of Time (6 lessons)					
19	20	21	22	23	24	25
	Enrichment Opportunities		Winter Break			
26	27	28	29	30	31	01
	Winter Break					
02	03	Notes: Dec. 06-17 - District Level Assessment (DLA) Window Dec. 20-31 - Winter Break				



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Units of Instruction

Unit 9: Fractions
Students will apply mathematical process standards to represent and explain fractional units and solve problems involving partitioning objects or sets of objects among two or more recipients.

Unit 10: Equivalence and Comparison of Fractions
Students will apply math process standards to represent and explain equivalent fractions and will compare two fractions having the same numerator or denominator.

2022		January					
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
26	27	28	29	30	31	01	
02	03 • Extend • Review • Assess • Reteach	Unit 9: Fractions Part 1: Area, Set and Linear Models (9 lessons)				07	08
09	10	11	12	13	14	15	
	Unit 9: Fractions Part 1: Area, Set and Linear Models (9 lessons)					END OF CYCLE 3	
16	17 Martin Luther King, Jr. Day	18 Teacher Prep Day (no students)	Unit 9: Fractions Part 2: Distance Models (3 lessons)			21	22
23	24 • Extend • Review • Assess • Reteach	25	26	27	28	29	
				Unit 10: Equivalence & Comparison of Fractions (9 lessons)			
30	31 Unit 10: (9 lessons)	Notes: Jan. 17 - Martin Luther King, Jr. Day Jan. 18 - Teacher Preparation Day (no students)					

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Units of Instruction

Unit 10: Equivalence and Comparison of Fractions

Students will apply math process standards to represent and explain equivalent fractions and will compare two fractions having the same numerator or denominator.

Unit 11: Area and Perimeter

Students will select appropriate units, strategies, and tools to solve problems involving perimeter. Students will determine area of rectangles, including area of composite figures

Unit 12: Two- and Three-Dimensional Figures

Students will classify and sort two- and three-dimensional figures, use attributes to recognize types of quadrilaterals, and will decompose two-dimensional figures into parts with equal areas.

2022		February				
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
30	31	01 Unit 10: Equivalence & Comparison of Fractions (9 lessons)	02	03	04	05
06	07 Unit 10: Equivalence & Comparison of Fractions (9 lessons)	08	09 • Extend • Review • Assess • Reteach	10	11	12
13	14 Unit 11: Area and Perimeter (7 lessons)	15	16	17	18	19
20	21 Teacher Service Day (no students)	22 Unit 11: Area and Perimeter (7 lessons)	23	24 • Extend • Review • Assess • Reteach	25	26 END OF CYCLE 4
27	28 Learning Recovery Day: Figures	01	02	03	04	05
06	07	Notes: Feb. 21 - Teacher Service Day (no students) Feb. 28 - Mar. 4 - Snapshot #2 Assessment Window				

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Units of Instruction

Unit 12: Two- and Three-Dimensional Figures

Students will classify and sort two- and three-dimensional figures, use attributes to recognize types of quadrilaterals, and will decompose two-dimensional figures into parts with equal areas.

Unit 13: One- and Two-Step Word Problems Involving Multiple Operations

Students will apply mathematical process standards to develop and use strategies for solving and representing one- and two-step multiplication and/or division problems.

2022		March				
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
27	28	01	02	03	04	05
		Unit 12: Two- and Three-Dimensional Figures (7 lessons)				
06	07	08	09	10	11	12
	Unit 12: Two- and Three-Dimensional Figures (7 lessons)			Unit 13: One- and Two-Step Word Problems - Multiple Operations (11 lessons)		
13	14	15	16	17	18	19
	Enrichment Opportunities			Spring Break		
20	21	22	23	24	25	26
	Unit 13: One- and Two-Step Word Problems Involving Multiple Operations (11 lessons)					
27	28	29	30	31	01	02
	Chávez / Huerta Day	Unit 13: One- and Two-Step Word Problems Involving Multiple Operations (11 lessons)				
03	04	Notes: Feb. 28 - Mar. 4 - Snapshot #2 Assessment Window Mar. 14-18 - Spring Break Mar. 28 - César Chávez/Dolores Huerta Day				



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Units of Instruction

Unit 13: One- and Two-Step Word Problems Involving Multiple Operations
Students will apply mathematical process standards to develop and use strategies for solving and representing one- and two-step multiplication and/or division problems.

Unit 14: Money and Financial Literacy
Students will apply mathematical process standards to determine the value of a collection of coins and bills and will learn how to manage financial resources effectively.

Unit 15: Liquid Volume and Weight
Students will determine liquid volume or weight using appropriate units and tools.

Unit 16: Cumulative Review
Students will receive differentiated instruction based on areas of need according to assessment data.

2022		April					
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
27	28	29	30	31	01 Unit 13 (11 lessons)	02	
03	04 Unit 14: Money and Financial Literacy (6 lessons)	05	06	07	08	09	
10	11 Unit 14 (6 lessons)	12 • Extend • Review • Assess • Reteach	13	14	15 Spring Holiday	16	
17	18 Unit 15: Liquid Volume and Weight (4 lessons)	19	20	21	22 • Extend • Review • Assess • Reteach	23 END OF CYCLE 5	
24	25 Unit 16: Cumulative Review (10 lessons)	26	27	28	29	30	
01	02	Notes:					

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Units of Instruction

Unit 16: Cumulative Review
Students will receive differentiated instruction based on areas of need according to assessment data.

Unit 17: Problem-Solving Experiences
During this unit, students will engage in real-world problem-solving activities that involve applying grade-level concepts to authentic and complex questions or challenges.

2022		May				
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
01	02	03	04	05	06	07
	Unit 16: Cumulative Review (10 lessons)					
08	09	10	11	12	13	14
	<ul style="list-style-type: none"> • Extend • Review • Assess • Reteach 					
15	16	17	18	19	20	21
	Unit 17: Problem-Solving Experiences (14 lessons)					
22	23	24	25	26	27	28
	Unit 17: Problem-Solving Experiences (14 lessons)					
29	30	31	01	02	03	04
	Memorial Day	Unit 17 (14 lessons)				
05	06	Notes: May 10 - Grade 3 STAAR Math May 30 - Memorial Day				



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Units of Instruction

Unit 17: Problem-Solving Experiences
During this unit, students will engage in real-world problem-solving activities that involve applying grade-level concepts to authentic and complex questions or challenges.

2022		June				
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
29	30	31	01	02	03	04
			Unit 17: Problem-Solving Experiences (14 lessons)			
05	06	07	08	09	10	11
	• Extend • Review • Assess • Reteach		Teacher Prep Day (no students) END OF CYCLE 6			
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	01	02
03	04	Notes: Jun. 8 - Teacher Preparation Day (no students)				