

WEST DEPTFORD TOWNSHIP SCHOOLS

Content Area: Mathematics			
Course Title: 4 th Grade Math (EnVision)		Grade Level: 4	
Trimester 1: Topics 1, 2, 3, 4, 5		12 weeks September 11 - December 4	
Topic 1: Generalize Place Value Understanding Topic 2: Fluently Add / Subtract Multi-Digit Whole Numbers Topic 3: Use Strategies / Properties to Multiply by 1-Digit Numbers Topic 4: Use Strategies / Properties to Multiply by 2-Digit Numbers Topic 5: Use Strategies / Properties to Divide by 1-Digit Numbers			
Trimester 2: Topics 7, 8, 9, 10, 12		12 weeks December 5 - March 7	
Topic 7: Factors and Multiples Topic 8: Extend Understanding of Fraction Equivalence/Ordering Topic 9: Understand Addition and Subtraction of Fractions Topic 10: Extend Multiplication Concepts to Fractions Topic 12: Understand and Compare Decimals			
Trimester 3: Topics 13, 15, 16, 14		12 weeks March 8 - June 7	
Topic 13: Find Equivalence in Units of Measure Topic 15: Understand Concepts of Angles/Angle Measure Topic 16: Lines, Angles, Shapes Topic 14: Algebra: Generate and Analyze Patterns			
Topic 6: Use Operations with Whole Numbers to Solve Problems Topic 11: Represent and Interpret Data on Line Plots		These units will be taught throughout the year. Lessons will occur as indicated in the pacing guide.	
<i>Date Created: Summer 2018</i> <i>Revised: July 2023</i>		<i>Board Approved: September 2018</i> <i>Revised Board Approved: August 2023</i>	

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Fourth Grade Mathematics Pacing Guide for 2023-2024

Topic Number	Title	Notes	Instructional Period	Number of Days
1	Generalize Place Value Understanding	3-Act Math Activity (Complete after Lesson 1-5)	Sept. 11- Sept. 19	7
	Topic 1 Review/Assessment		Sept. 20 - Sept. 21	2
6	Multi-Step Word Problems (Addition and Subtraction)	Supplementary Lesson (Intro)	Sept 22	1
2	Fluently Add and Subtract Multi Digit Whole Numbers		Sept. 25 - Oct. 4	8
	Topic 2 Review/Assessment		Oct. 5 - Oct. 6	2
3	Use Strategies and Properties to Multiply One-Digit Numbers	Focus on Partial Products and Area Model 3-Act Math Activity (Complete anytime after Lesson 3-7)	Oct. 10 - Oct. 20	9
	Topic 3 Review/Assessment		Oct. 23 - Oct. 24	2
4	Use Strategies and Properties to Multiply 2 Digit Numbers		Oct. 25- Nov. 3	8
	Topic 4 Review/Assessment		Nov. 6 - Nov. 7	2
5	Use Strategies and Properties to Divide One-Digit Numbers	Focus on Partial Quotients 3-Act Math Activity (Complete after Lesson 5-7)	Nov. 13 - Nov. 28	10
	Topic 5 Review/Assessment		Nov 29 - Nov. 30	2
6	Solve Comparison Problems	Lesson 6-1 and Lesson 6-2	Dec. 1 - Dec. 4	2
7	Factors and Multiples	3-Act Math Activity (Complete after Lesson 7-5)	Dec. 5 - Dec. 13	7
	Topic 7 Review/Assessment		Dec. 14 - Dec. 15	2

6	Multi-Step Word Problems	Lesson 6-3, 6-4, 6-5, Holiday Word Problems	Dec. 18 - Dec. 21	4
8	Extend Understanding of Fraction Equivalence and Ordering		Jan. 2 - Jan 16	9
	Topic 8 Review/Assessment		Jan. 17 - Jan. 18	2
11	Read Line Plots	Lesson 11-1	Jan. 19	1
9	Understand Addition and Subtraction of Fractions	3-Act Math Activity (Complete anytime after Lesson 9-9)	Jan. 22 - Feb. 7	13
	Topic 9 Review/Assessment		Feb. 8 - Feb. 9	2
10	Extend Multiplication Concepts to Fractions		Feb. 12 - Feb. 21	6
	Topic 10 Review/Assessment		Feb. 22 - Feb. 23	2
12	Understand and Compare Decimals		Feb. 26 - Mar. 5	7
	Topic 12 Review/Assessment		Mar. 6 - Mar. 7	2
11	Make and Use Line Plots	Lesson 11-2 and 11-3	Mar. 8 - Mar. 11	2
13	Area and Perimeter	Lesson 13-6	Mar. 12 - Mar. 19	5
	Area and Perimeter Assessment - Supplementary Assessment		Mar. 20	1
15	Understand Concepts of Angles and Angle Measurement	Focus on New Vocabulary 3-Act Math Activity (Complete anytime after Lesson 15-6)	Mar. 21 - April 10	9
	Topic 15 Review/Assessment		April 11 - April 12	2
16	Lines, Angles, and Shapes		April 15 - April 24	8
	Topic 16 Review/Assessment		Apr. 25 - Apr 26	2
13	Measurement: Find Equivalence in Units of Measurement	Lessons 13-1 through 13-5 3-Act Math Activity	Apr. 29 - May 8	8

		(Complete anytime after Lesson 13-3)		
	Topic 16 Review/Assessment		May 9 - May 10	2
NJSLA Testing - May 13-17				
14	Algebra: Generate and Analyze Patterns		May 20 - May 24	5
	Topic 14 Review/Assessment		May 28 - May 29	2
Additional Material	Stepping up to Fifth Grade - Online Section - May 30 - June 7			

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Elementary Mathematics Lesson Plan Format

{75 Minutes of Instruction}

PROBLEM BASED LEARNING (SETTING THE STAGE)

20 minutes

- **Engage** - students know lesson objective and expectations
- **Explore** - interactive problem solving (small group/demonstration/modeling)
- **Summarize** - students share strategies and solutions

VISUAL LEARNING (TEACHER LED INSTRUCTION)

25 minutes

- **Engage** - utilize visual learning animations to set the purpose of the lesson
- **Explore** - guided practice (whole group)
- **Summarize** - independent practice (limited number of problems to show what you know)

ASSESS AND DIFFERENTIATE (SMALL GROUPS)

30 minutes

- **Intervention** - teacher-led
- **On-Level and Advanced** - independent
- **Summarize** - Quick Check to assess students' understanding