

WEST DEPTFORD TOWNSHIP SCHOOLS

Content Area: Mathematics			
Course Title: 4 th Grade Math (EnVisions)		Grade Level: 4	
Trimester 1: Topics 1, 2, 3, 4, 5			
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		12 weeks September 7 - December 5	
Trimester 2: Topics 6, 7, 8, 9, 10			
Topic 6: Use Operations with Whole Numbers to Solve Problems 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		12 weeks December 6 - March 9	
Trimester 3: Topics 11, 12, 13, 15, 16, 14			
Topic 11: Represent and Interpret Data on Line Plots Topic 12: Understand and Compare Decimals 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		12 weeks March 10 - June 9	
Date Created: Summer 2018 Revised: August 2022		Board Approved: September 2018 Revised Board Approved: August 2022	

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Fourth Grade Mathematics Pacing Guide for 2022-2023

Topic Number	Title	Notes	Instructional Period	Number of Days
1	Generalize Place Value Understanding		Sept 7 - Sept 14	6
	Benchmark: Topic 1 Review/ Assessment		Sept 15 - Sept 16	2
2	Fluently Add and Subtract Multi-Digit Whole Numbers		Sept 18 - Sept 27	7
	Benchmark: Topic 2 Review/Assessment		Sept 28 - Sept 29	2
3	Use Strategies and Properties to Multiply One-Digit Numbers		Sept 30 - Oct 17	11
	Benchmark: Topic 3 Review/Assessment		Oct 18 - Oct 19	2
4	Use Strategies and Properties to Multiply 2-Digit Numbers		Oct 20- Nov 4	12
	Benchmark: Topic 4 Review/Assessment		Nov 7 - Nov 8	2
5	Use Strategies and Properties to Divide One-Digit Numbers		Nov 14 - Dec 2	12
	Benchmark: Topic 5 Review/Assessment		Dec 5 - Dec 6	2
6	Use Operations with Whole Numbers to Solve Problems		Dec 7 - Dec 16	8
	Benchmark: Topic 6 Review/Assessment		Dec 19 - Dec 20	2
7	Factors and Multiples		Dec 21 - Jan 9	7
	Benchmark: Topic 7 Review/Assessment		Jan 10 - Jan 11	2
8	Extend Understanding of Fractions Equivalence and Ordering		Jan 12 - Jan 25	8
	Benchmark: Topic 8 Review/Assessment		Jan 26 - Jan 27	2
9	Understand Addition and Subtraction of Fractions		Jan 30 - Feb 14	13
	Benchmark: Topic 9 Review/Assessment		Feb 15 - Feb 16	2
10	Extend Multiplication Concepts to Fractions		Feb 21 - Mar 1	7
	Benchmark: Topic 10 Review/Assessment		Mar 2 - Mar 3	2

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Topic Number	Title	Notes	Instructional Period	Number of Days
11	Represent and Interpret Data and Line Plots		Mar 6 - Mar 14	7
	Benchmark: Topic 11 Review/Assessment		Mar 15 - Mar 16	2
12	Understand and Compare Decimals		Mar 20 - Mar 28	7
	Benchmark: Topics 12 Review/Assessment		Mar 29 - Mar 30	2
13	Area and Perimeter	Lesson 13.6	Mar 31 - Apr 6	5
	Benchmark: Lesson 13.6 Review/Assessment		Apr 17	1
15	Understand Concepts of Angles and Angle Measurement		Apr 18 - Apr 28	9
	Benchmark: Topic 15 Review/Assessment		May 1- May 2	2
16	Lines, Angles and Shapes		May 3 - May 18	7
	Benchmark: Topic 16 Review/Assessment		May 19	1
13	Find Equivalence in Units of Measurement		May 22 - June 1	8
	Benchmark: Topic 13 Review/Assessment		June 2 - June 5	2
14	Generate and Analyze Patterns		June 6 - June 12	5
	Benchmark: Topic 14 Review/Assessment		June 13 - June 14	2
	NJSLA- Testing		May 8 - May 12	5

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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