



# 4th Grade Math

## 6W3 Instructional Planning Calendar (November 4th-December 20th)



### K-5th Elementary Math Framework

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Remember to have Stemscores open prior to accessing links\*\*\*\*\*

[4th grade Frequency Distribution](#)

**Due to Benchmark Testing there will be no LAN\_CA for the 3rd 6 wks**

### FRACTIONS

4.3E Represent and solve addition and subtraction of fractions with equal denominators using objects and pictorial models that build to the number line and properties of operations (R)

4.3F Evaluate the reasonableness of sums and differences of fractions using benchmark fractions  $0, \frac{1}{4}, \frac{1}{2}, \frac{3}{4}$ , and 1. (S)

Stemscores Resources:

[Scope 10: Add and Subtract Fraction](#)

### WHOLE NUMBER OPERATIONS

#### Multiplication

4.4C Represent the product of 2 two-digit numbers using arrays, area models, or equations, including perfect squares through 15 by 15. (S)

4.4B Determine products of a number and 10 or 100 using properties of operations and place value understandings. (S)

4.4D Use strategies and algorithms, including the standard algorithm, to multiply up to a four-digit number by a one-digit number and to multiply a two-digit number by a two-digit number. Strategies may include mental math, partial products, and the commutative, associative, and distributive properties. (S)

**4.4H: Solve with fluency one- and two-step problems involving multiplication and division, including interpreting remainders. (R) → Will focus more on one step problems for 6W3 (ongoing TEK)**

Standards Assigned to Unit/Six Week Period

**Division**

4.4E Represent the quotient of up to a four-digit whole number divided by a one-digit whole number using arrays, area models, or equations.(S)

4.4F Use strategies and algorithms, including the standard algorithm, to divide up to a four-digit dividend by a one digit divisor. (S)

**4.4H: Solve with fluency one- and two-step problems involving multiplication and division, including interpreting remainders. (R)→Will focus more on one step problems for 6W3 (ongoing TEK)**

**Stemscopes Resources:**

[Scope 11: Multiplication Models](#)

[Scope 12: Multiplication Strategies and Algorithms](#)

[Scope 13: Division Models](#)

[Scope 14: Division Strategies and Algorithms](#)

**Long Division Resource:**

[Long Division Graphic Organizer](#)

WEEK 1	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
	11/4/24	11/5/24	11/6/24	11/7/24	11/8/24	
<b>Student Expectation</b>	<p>4.3E Represent and solve addition and subtraction of fractions with equal denominators using objects and pictorial models that build to the number line and properties of operations (R)</p> <p>4.3F Evaluate the reasonableness of sums and differences of fractions using benchmark fractions <math>0, \frac{1}{4}, \frac{1}{2}, \frac{3}{4}</math>, and 1. (S)</p>	<p><b>ELECTION DAY -LAN TEACHERS OFF</b></p>	<p>4.3E Represent and solve addition and subtraction of fractions with equal denominators using objects and pictorial models that build to the number line and properties of operations<sup>®</sup></p> <p>4.3F Evaluate the reasonableness of sums and differences of fractions using benchmark fractions <math>0, \frac{1}{4}, \frac{1}{2}, \frac{3}{4}</math>, and 1. (S)</p>	<p>4.3E Represent and solve addition and subtraction of fractions with equal denominators using objects and pictorial models that build to the number line and properties of operations<sup>®</sup></p> <p>4.3F Evaluate the reasonableness of sums and differences of fractions using benchmark fractions <math>0, \frac{1}{4}, \frac{1}{2}, \frac{3}{4}</math>, and 1. (S)</p>	<p><b>EVERYBODY GROWS</b></p>	
<b>Objective</b>	TLW represent and solve addition of fractions with equal denominators using objects and pictorial models.		TLW represent and solve subtraction of fractions with equal denominators using objects and pictorial models.	TLW represent and solve addition and subtraction of fractions with equal denominators using objects, pictorial models, and properties of operations		
<b>Daily Numeracy (Suggested Sequence)</b>	<a href="#"><u>Multiples of 6</u></a>			<a href="#"><u>Multiples of 6</u></a>	<a href="#"><u>Multiples of 6</u></a>	<a href="#"><u>Multiples of 6 Test</u></a>
<b>Whole Group Instruction</b>						
<b>We Do &amp; You Do (Materials Optional)</b>						
<b>Small Group Guided Math &amp; Center Rotations</b>	-Teacher Led `Activity -Spiral Review -Fluency Builder -Technology			-Teacher Led `Activity -Spiral Review -Fluency Builder -Technology	-Teacher Led `Activity -Spiral Review -Fluency Builder -Technology	
<b>Demonstration of Learning</b>	04MathDOL_4.3EF_11/4/24			04MathDOL_4.3EF_11/6/24	04MathDOL_4.3EF_11/7/24	

WEEK 2	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	11/11/24	11/12/24	11/13/24	11/14/24	11/15/24
<b>Student Expectation</b>	<p>4.3E Represent and solve addition and subtraction of fractions with equal denominators using objects and pictorial models that build to the number line and properties of operations ©</p> <p>4.3F Evaluate the reasonableness of sums and differences of fractions using benchmark fractions <math>0, \frac{1}{4}, \frac{1}{2}, \frac{3}{4}</math>, and 1. (S</p>	<p>4.3E Represent and solve addition and subtraction of fractions with equal denominators using objects and pictorial models that build to the number line and properties of operations ©</p> <p>4.3F Evaluate the reasonableness of sums and differences of fractions using benchmark fractions <math>0, \frac{1}{4}, \frac{1}{2}, \frac{3}{4}</math>, and 1. (S</p>	<p>4.4C Represent the product of 2 two-digit numbers using arrays, area models, or equations, including perfect squares</p>	<p>4.4C Represent the product of 2 two-digit numbers using arrays, area models, or equations, including perfect squares</p>	
<b>Objective</b>	TLW represent and solve addition and subtraction of fractions with equal denominators using objects, pictorial models, and properties of operations.	TLW represent and solve addition and subtraction of fractions with equal denominators using objects, pictorial models, and properties of operations.	TLW represent multiplication facts using repeated addition, equal-sized groups, and arrays.	TLW represent multiplication using area models.	
<b>Daily Numeracy (Suggested Sequence)</b>	<a href="#">Multiples of 7</a>	<a href="#">Multiples of 7</a>	<a href="#">Multiples of 7</a>	<a href="#">Multiples of 7</a>	<a href="#">Multiples of 7 Test</a>
<b>Whole Group Instruction</b>					
<b>We Do &amp; You Do (Materials Optional)</b>					
<b>Small Group Guided Math &amp; Center Rotations</b>	-Teacher Led `Activity -Spiral Review -Fluency Builder -Technology	-Teacher Led `Activity -Spiral Review -Fluency Builder -Technology	-Teacher Led `Activity -Spiral Review -Fluency Builder -Technology	-Teacher Led `Activity -Spiral Review -Fluency Builder -Technology	
<b>Demonstration of Learning</b>	04MathDOL_4.3EF_11/11/24	04MathDOL_4.3E_11/12/24	04MathDOL_4.4C_11/13/24	04MathDOL_4.4C_11/14/24	

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WEEK 3	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	11/18/24	11/19/24	11/20/24	11/21/24	11/22/24
<b>Student Expectation (SE)</b>	<p><b>4.4H: Solve with fluency one- and two-step problems involving multiplication and division, including interpreting remainders.</b></p> <p>4.4B Determine products of a number and 10 or 100 using properties of operations and place value understandings</p> <p>4.4D Use strategies and algorithms, including the standard algorithm, to multiply up to a four-digit number by a one-digit number and to multiply a two-digit number by a two-digit number. Strategies may include mental math, partial products, and the commutative, associative, and distributive properties.</p>	<p><b>4.4H: Solve with fluency one- and two-step problems involving multiplication and division, including interpreting remainders.</b></p> <p>4.4B Determine products of a number and 10 or 100 using properties of operations and place value understandings</p> <p>4.4D Use strategies and algorithms, including the standard algorithm, to multiply up to a four-digit number by a one-digit number and to multiply a two-digit number by a two-digit number. Strategies may include mental math, partial products, and the commutative, associative, and distributive properties.</p>	<p><b>4.4H: Solve with fluency one- and two-step problems involving multiplication and division, including interpreting remainders.</b></p> <p>4.4B Determine products of a number and 10 or 100 using properties of operations and place value understandings</p> <p>4.4D Use strategies and algorithms, including the standard algorithm, to multiply up to a four-digit number by a one-digit number and to multiply a two-digit number by a two-digit number. Strategies may include mental math, partial products, and the commutative, associative, and distributive properties.</p>	<p><b>4.4H: Solve with fluency one- and two-step problems involving multiplication and division, including interpreting remainders.</b></p> <p>4.4B Determine products of a number and 10 or 100 using properties of operations and place value understandings</p> <p>4.4D Use strategies and algorithms, including the standard algorithm, to multiply up to a four-digit number by a one-digit number and to multiply a two-digit number by a two-digit number. Strategies may include mental math, partial products, and the commutative, associative, and distributive properties.</p>	<p><b>EVERYBODY GROWS</b></p>
<b>Objective</b>	<p>TLW determine products of a number with 10 or 100 using properties of operations and area models..</p>	<p>TLW use strategies and algorithms to multiply up to a four-digit number by a one-digit number.</p>	<p>TLW use strategies and algorithms to multiply a two-digit number by a two-digit number.</p>	<p>TLW use strategies and algorithms to multiply a two-digit number by a two-digit number.</p>	<p>Spiral Review</p>
<b>Daily Numeracy (Suggested Sequence)</b>	<p><a href="#">Multiples of 8</a></p>	<p><a href="#">Multiples of 8</a></p>	<p><a href="#">Multiples of 8</a></p>	<p><a href="#">Multiples of 8</a></p>	<p><a href="#">Multiples of 8 Test</a></p>

<b>Whole Group Instruction</b>					
<b>We Do &amp; You Do (Materials Optional)</b>					
<b>Small Group Guided Math &amp; Center Rotations</b>	-Teacher Led `Activity -Spiral Review -Fluency Builder -Technology	-Teacher Led `Activity -Spiral Review -Fluency Builder -Technology	-Teacher Led `Activity -Spiral Review -Fluency Builder -Technology	-Teacher Led `Activity -Spiral Review -Fluency Builder -Technology	
<b>Demonstration of Learning</b>	04MathDOL_4.4BC_11/18/24	04MathDOL_4.4DH_11/19/24	04MathDOL_4.4DH_11/20/24	04MathDOL_4.4DH_11/21/24	

Week 4					
	12/2/24	12/3/24	12		
Student Expectation (SE)	<p><b>4.4H: Solve with fluency one- and two-step problems involving multiplication and division, including interpreting remainders.</b></p> <p>4.4E Represent the quotient of up to a four-digit whole number divided by a one-digit whole number using arrays, area models, or equations</p> <p>4.4F Use strategies and algorithms, including the standard algorithm, to divide up to a four-digit dividend by a one digit divisor</p>	<p><b>4.4H: Solve with fluency one- and two-step problems involving multiplication and division, including interpreting remainders.</b></p> <p>4.4E Represent the quotient of up to a four-digit whole number divided by a one-digit whole number using arrays, area models, or equations</p> <p>4.4F Use strategies and algorithms, including the standard algorithm, to divide up to a four-digit dividend by a one digit divisor</p>	<p><b>4.4H: Solve with fluency one- and two-step problems involving multiplication and division, including interpreting remainders.</b></p> <p>4.4E Represent the quotient of up to a four-digit whole number divided by a one-digit whole number using arrays, area models, or equations</p> <p>4.4F Use strategies and algorithms, including the standard algorithm, to divide up to a four-digit dividend by a one digit divisor</p>	<p><b>4.4H: Solve with fluency one- and two-step problems involving multiplication and division, including interpreting remainders.</b></p> <p>4.4E Represent the quotient of up to a four-digit whole number divided by a one-digit whole number using arrays, area models, or equations</p> <p>4.4F Use strategies and algorithms, including the standard algorithm, to divide up to a four-digit dividend by a one digit divisor</p>	
	Objective	TLW represent the quotient of up to a four-digit whole number divided by a one-digit whole number using arrays, area models, or equations.	TLW represent the quotient of up to a four-digit whole number divided by a one-digit whole number using arrays, area models, or equations.	TLW divide up to a four-digit dividend by a one-digit divisor using the standard algorithms and multiplication strategies.	TLW divide up to a four-digit dividend by a one-digit divisor using the standard algorithms and multiplication strategies.
Daily Numeracy (Suggested Sequence)	<a href="#">Multiples of 9</a>	<a href="#">Multiples of 9</a>	<a href="#">Multiples of 9</a>	<a href="#">Multiples of 9</a>	



Whole Group Instruction					
We Do & You Do (Materials Optional)					
Small Group Guided Math & Center Rotations	Teacher Led `Activity -Spiral Review -Fluency Builder -Technology	Teacher Led `Activity -Spiral Review -Fluency Builder -Technology	Teacher Led `Activity -Spiral Review -Fluency Builder -Technology	Teacher Led `Activity -Spiral Review -Fluency Builder -Technology	
Demonstration of Learning	04MathDOL_4.4E_12/2/24	04MathDOL_4.4E_12/3/24	04MathDOL_4.4F_12/4/24	04MathDOL_4.4F_12/5/24	

WEEK 5	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
	12/9/24	12/10/24	12/11/24	12/12/24	12/13/24	
Student Expectation (SE)	FLEX DAY	BENCHMARK DAYS 12/10- READING 12/11- MATH		4.4H: Solve with fluency one- and two-step problems involving multiplication and division, including interpreting remainders.		
				4.4E Represent the quotient of up to a four-digit whole number divided by a one-digit whole number using arrays, area models, or equations		
				4.4F Use strategies and algorithms, including the standard algorithm, to divide up to a four-digit dividend by a one digit divisor		
Objective				TLW divide up to a four-digit dividend by a one-digit divisor with remainders using the standard algorithms and multiplication strategies.		
Daily Numeracy (Suggested Sequence)				<a href="#">Multiples of 10</a>		<a href="#">Multiples of 10</a>
Whole Group Instruction						
We Do & You Do (Materials Optional)						
Small Group Guided Math & Center Rotations			-Teacher Led `Activity -Spiral Review -Fluency Builder -Technology	-Teacher Led `Activity -Spiral Review -Fluency Builder -Technology		

Demonstration of Learning			04MathDOL_4.4H_ 12/12/24	
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WEEK 6	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	12/16/24	12/17/24	12/18/24	12/19/24	12/20/24
<b>Student Expectation (SE)</b>	<p>4.4H: Solve with fluency one- and two-step problems involving multiplication and division, including interpreting remainders.</p> <p>4.4E Represent the quotient of up to a four-digit whole number divided by a one-digit whole number using arrays, area models, or equations</p> <p>4.4F Use strategies and algorithms, including the standard algorithm, to divide up to a four-digit dividend by a one digit divisor</p>	<p>4.4H: Solve with fluency one- and two-step problems involving multiplication and division, including interpreting remainders.</p> <p>4.4E Represent the quotient of up to a four-digit whole number divided by a one-digit whole number using arrays, area models, or equations</p> <p>4.4F Use strategies and algorithms, including the standard algorithm, to divide up to a four-digit dividend by a one digit divisor</p>	<p>4.4H: Solve with fluency one- and two-step problems involving multiplication and division, including interpreting remainders.</p> <p>4.4E Represent the quotient of up to a four-digit whole number divided by a one-digit whole number using arrays, area models, or equations</p> <p>4.4F Use strategies and algorithms, including the standard algorithm, to divide up to a four-digit dividend by a one digit divisor</p>	<b>FLEX DAY- (data binders)</b>	<b>TEACHER WORK DAY</b>
<b>Objective</b>	TLW divide up to a four-digit dividend by a one-digit divisor with remainders using the standard algorithms and multiplication strategies.	TLW divide up to a four-digit dividend by a one-digit divisor while interpreting remainders using the standard algorithms and multiplication strategies.	TLW divide up to a four-digit dividend by a one-digit divisor while interpreting remainders using the standard algorithms and multiplication strategies.		
<b>Daily Numeracy (Suggested Sequence)</b>	<a href="#">Multiples of 10</a>	<a href="#">Multiples of 10</a>	<a href="#">Multiples of 10 Test</a>		
<b>Whole Group Instruction</b>					
<b>We Do &amp; You Do (Materials Optional)</b>					
<b>Small Group Guided Math &amp; Center Rotations</b>	Teacher Led `Activity -Spiral Review -Fluency Builder -Technology	Teacher Led `Activity -Spiral Review -Fluency Builder -Technology	Teacher Led `Activity -Spiral Review -Fluency Builder -Technology		

<b>Check for Understanding</b>	04MathDOL_4.4H_12/16/24 (one step)	04MathDOL_4.4H_12/17/24	04MathDOL_4.4EH_12/18/24		
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