



# 5<sup>th</sup> Grade

## Extending Whole Number Operations



**Whole Class Lessons and Guided Math Groups**  
**Active Engagement and Games**  
**Intervention and Enrichment**  
**Exit Tickets**



# I Plan ~ You Teach

Helping you live your life  
AND

be the math teacher that gets results

## Are you Ready For Help?

Click the links for Lesson Plans that align with TEXAS TEKS!



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[5<sup>th</sup> Grade Math Lesson Plans](#)

I SEE YOU~

- struggling each week to write lesson plans that meet the rigor of the TEKS.
- searching endlessly for resources that will help kids learn math while being challenged and engaged.
- staying late everyday after school working on plans and creating everything from scratch.

You are exhausted from working with students all day, and still have to prep, write and create.

I SEE YOU~

SACRIFICING your time with your family and friends

to ensure success for ALL of OUR Children.



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Name \_\_\_\_\_

Unit 1 Extending Whole Number Operations

LT	Statement	1	2	3	4	Evidence
1	I can estimate to determine solutions to mathematical and real-world problems involving addition, subtraction, multiplication, or division					
2	I can multiply with fluency a three-digit number by a two-digit number using the standard algorithm.					
3	I can solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies and the standard algorithm.					
4	I can add whole numbers fluently.					
5	I can subtract whole numbers fluently					

1	2	3	4
I have no idea how to do this.	I can do this with some help.	I can do this by myself	I can teach someone to do this.

# Extending Whole Number Operations

Learning Target	What do we want students to learn?	How will we know if they learned it?	What will we do if they don't?	What will we do if they already know it?
1 5.3A	Estimate to determine solutions to mathematical and real-world problems involving addition, subtraction, multiplication, or division.	Students use strategies to estimate: <ul style="list-style-type: none"> <li><input type="checkbox"/> Front End Method</li> <li><input type="checkbox"/> Compensation</li> <li><input type="checkbox"/> Rounding</li> <li><input type="checkbox"/> Compatible Numbers</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Recognize operations presented in a real-world problem situation</li> <li><input type="checkbox"/> Understand the relationship between multiplication and division within a multiplicative relationship</li> <li><input type="checkbox"/> Understand how to use rounding or compatible numbers to estimate a solution</li> <li><input type="checkbox"/> Understand how to determine the reasonableness of an estimation</li> <li><input type="checkbox"/> Determine a reasonable estimate of the solution to a problem involving all operations and represent the solutions using a verbal description</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Estimate solutions with whole numbers, fractions, and decimals</li> </ul>
2 5.3B	Multiply with fluency a three-digit number by a two-digit number using the standard algorithm.	<ul style="list-style-type: none"> <li><input type="checkbox"/> Fluency – efficient application of procedures with accuracy</li> <li><input type="checkbox"/> Automatic recall of basic facts</li> <li><input type="checkbox"/> Standard algorithm</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Recognize multiplication presented in a real-world problem situation</li> <li><input type="checkbox"/> Understand how to apply the standard algorithm to multiply a three-digit number by a two-digit number</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Add, subtract, multiply, and divide positive rational numbers fluently</li> </ul>

## Extending Whole Number Operations

Learning Target	What do we want students to learn?	How will we know if they learned it?	What will we do if they don't?	What will we do if they already know it?
3 5.3C	Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies and the standard algorithm.	<input type="checkbox"/> Proficiency – the mathematical ability to reason, apply, understand, compute, and engage in meaningful mathematics <input type="checkbox"/> Automatic recall of basic facts Division structures: <input type="checkbox"/> Partitive division <input type="checkbox"/> Quotative division	<input type="checkbox"/> Recognize division presented in a real-world problem situation <input type="checkbox"/> Understand how to divide a four-digit number by a two-digit number <input type="checkbox"/> Understand how to interpret a remainder based on the question asked <input type="checkbox"/> Solve a problem involving division, including interpreting the remainder	<input type="checkbox"/> Add, subtract, multiply, and divide positive rational numbers fluently
4 5.3K	Add whole numbers fluently.	<input type="checkbox"/> Fluency – efficient application of procedures with accuracy <input type="checkbox"/> Sums of whole numbers	<input type="checkbox"/> Recognize addition presented using verbal descriptions <input type="checkbox"/> Solve a two-step problem involving addition	
5 5.3K	Subtract whole numbers fluently.	<input type="checkbox"/> Fluency – efficient application of procedures with accuracy <input type="checkbox"/> Differences of whole numbers	<input type="checkbox"/> Recognize subtraction presented using verbal descriptions <input type="checkbox"/> Solve a two-step problem involving addition	

Day 1	Day 2	Day 3	Day 4	Day 5
Mini Lesson LT 1 Front-end estimation Rounding	Mini Lesson LT 1 Compatible Numbers	Game LT 1 Estimation	Independent Practice LT 1	Mini Lesson LT 2 Multiplication
Guided Math	Guided Math	Guided Math	Guided Math	Guided Math
SCOOT	SCOOT	Scavenger Hunt		White Boards, Cards
Day 6	Day 7	Day 8	Day 9	Day 10
Mini Lesson LT 2 Multiplication	Independent Practice LT 2	Mini Lesson LT 3 Division	Mini Lesson LT 3 Division	Game LT 3 Division
Guided Math	Guided Math	Guided Math	Guided Math	Guided Math
SCOOT		White Boards, Cards	White Boards, Cards	The Case of the Bad Teacher
Day 11	Day 12	Day 13	<h1>EXTENDING WHOLE NUMBER OPERATIONS</h1>	
Independent Practice LT 3	Mini Lesson LT 4, 5 Addition and Subtraction	Independent Practice LT 4, 5		
Guided Math	Guided Math	Guided Math		
	SCOOT			



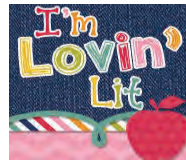
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students!



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