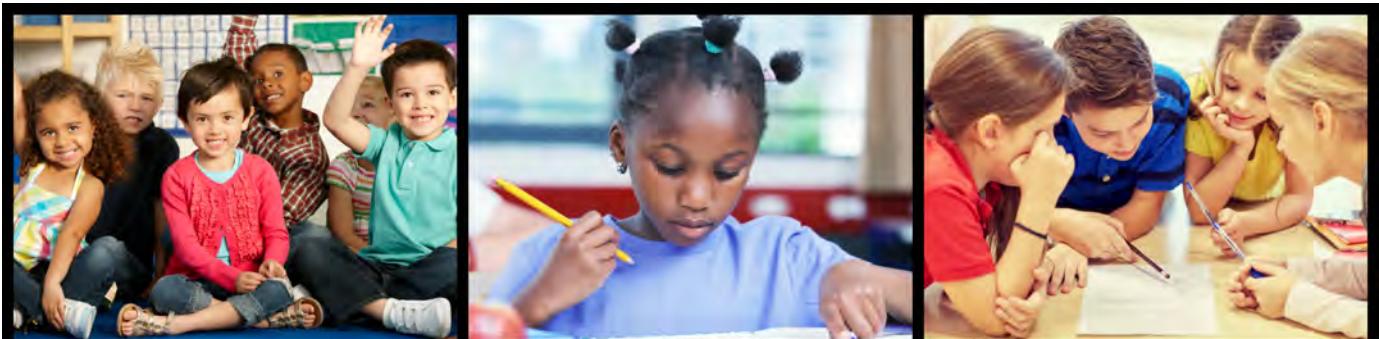




5th Grade

EXTENDING DECIMALS

Created By:
Misty Pohly



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?

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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.



Want to know when sales are happening? Click links to follow



Name _____

Extending Decimals

LT	Statement	1	2	3	4	Evidence
1	I can represent the value of the digit in decimals through the thousandths using expanded notation and numerals.					
2	I can compare two decimals to thousandths And represent comparisons using the symbols $>$, $<$, or $=$.					
3	I can order two decimals to thousandths And represent comparisons using the symbols $>$, $<$, or $=$.					
4	I can round decimals to tenths or hundredths.					
5	I can estimate to determine solutions to mathematical and real-world problems involving addition or subtraction.					
6	I can add and subtract positive rational numbers fluently.					
7	I can simplify numerical expressions that do not involve exponents, including up to two levels of grouping.					

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.

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 5.2A	Represent the value of the digit in decimals through the thousandths using expanded notation and numerals.	<input type="checkbox"/> Relationships between places are based on multiples of 10. <input type="checkbox"/> The magnitude (relative size) of decimal places through the thousandths <input type="checkbox"/> Standard form <input type="checkbox"/> Word Form Place Value Forms <input type="checkbox"/> Expanded Form <input type="checkbox"/> Expanded Notation <input type="checkbox"/> Equivalent relationships between place value of decimals through the thousandths	<input type="checkbox"/> Understand how to represent an amount of money presented in word form as a decimal number <input type="checkbox"/> Understand how to identify the place value position of a decimal number written in standard form <input type="checkbox"/> Understand the place values of digits given in standard form <input type="checkbox"/> Represent the value of a digit using expanded notation	
2 5.2B	Compare two decimals to thousandths and represent comparisons using the symbols $>$, $<$, or $=$.	<input type="checkbox"/> Relative magnitude of a number describes the size of a number and its relationship to another number. <input type="checkbox"/> Compare two decimals using place value charts. <input type="checkbox"/> Compare two decimals using a number line. <input type="checkbox"/> Inequality words and symbols <input type="checkbox"/> Greater than ($>$) <input type="checkbox"/> Less than ($<$) <input type="checkbox"/> Equality words and symbol <input type="checkbox"/> Equal to ($=$)	<input type="checkbox"/> Understand how to read and interpret comparison symbols <input type="checkbox"/> Understand how to compare decimal values to the thousandths <input type="checkbox"/> Represent the comparison of two decimal values symbolically	<input type="checkbox"/> Compare and order rational numbers arising from mathematical and real world contexts.
3 5.2B	Order two decimals to thousandths And represent comparisons using the symbols $>$, $<$, or $=$.	<input type="checkbox"/> number line <input type="checkbox"/> open number line Quantifying descriptors <input type="checkbox"/> greatest/least <input type="checkbox"/> ascending/descending <input type="checkbox"/> tallest/shortest <input type="checkbox"/> warmest/coldest <input type="checkbox"/> fastest/slowest <input type="checkbox"/> longest/shortest <input type="checkbox"/> heaviest/lightest <input type="checkbox"/> closest/farthest <input type="checkbox"/> oldest/youngest	<input type="checkbox"/> Understand how to compare and order decimal numbers based on place value <input type="checkbox"/> Understand how to use quantifying descriptors (e.g, least to greatest) to describe the order of a set of numbers <input type="checkbox"/> Understand how to read and interpret comparison symbols <input type="checkbox"/> Represent a list of numbers in order from least to greatest symbolically	

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?
4 5.2C	Round decimals to tenths or hundredths.	<input type="checkbox"/> Nearest tenth or hundredth <input type="checkbox"/> Number lines <input type="checkbox"/> Proportionally scaled number lines (pre-determined intervals) <input type="checkbox"/> Open number line (no marked intervals) <input type="checkbox"/> Money (tenths, hundredths) <input type="checkbox"/> Rounding numerically based on place value	Understand how to apply the rounding rules to round a decimal value to a given place Round a number to the nearest: tenth hundredth thousandth	
5 5.3A	Estimate to determine solutions to mathematical and real-world problems involving addition, or subtraction,	<input type="checkbox"/> Estimation strategies Vocabulary indicating estimation situations Vocabulary descriptors of the effects of the adjustment on the estimation compared to <input type="checkbox"/> the actual solution Variation of the estimate from the actual solution is dependent upon the <input type="checkbox"/> magnitude of the adjustment(s) of the actual numbers. <input type="checkbox"/> Front-end method Compensation <input type="checkbox"/> Rounding	<input type="checkbox"/> Understand how to use rounding or compatible numbers to estimate a solution <input type="checkbox"/> Understand how to determine the reasonableness of an estimation	

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?
6 5.3K	Add and subtract positive rational numbers fluently.	<input type="checkbox"/> Counting Numbers <input type="checkbox"/> Decimals	<input type="checkbox"/> Recognize addition of decimals presented using verbal descriptions <input type="checkbox"/> Recognize subtraction of decimals presented using verbal descriptions <input type="checkbox"/> Understand how to interpret a table of values <input type="checkbox"/> Understand how to add decimal values including regrouping <input type="checkbox"/> Understand how to subtract decimal values including regrouping <input type="checkbox"/> Solve a two-step problem involving addition and subtraction of decimals	<input type="checkbox"/> Add, subtract, multiply, and divide rational numbers fluently.
7 5.4F	Simplify numerical expressions that do not involve exponents, including up to two levels of grouping.	<input type="checkbox"/> Whole Numbers <input type="checkbox"/> Decimals <input type="checkbox"/> Grouping Symbols <input type="checkbox"/> Order of Operations	<input type="checkbox"/> Understand the order of operations <input type="checkbox"/> Understand that parentheses are grouping symbols that indicate the part of the expression that should be simplified first	<input type="checkbox"/> Generate equivalent numerical expressions using order of operations, Including whole number exponents and prime factorization.

Day 1	Day 2	Day 3	Day 4	Day 5
Anticipation Guide LT 1 Forms of Decimals	Music LT 2, 3 Compare And Order Decimals	Math Huddle LT 4, 5 Estimation	Mini Lesson LT 6 Adding and Subtracting Decimals	Game LT 7 Order of Operations Decimals
Guided Math	Guided Math	Guided Math	Guided Math	Guided Math
Reteach Unit 3	LT 1	LT 2, 3	LT 4, 5	LT 6
Day 6				
Independent Practice LT ALL				
Guided Math				
LT 7				

EXTENDING DECIMALS



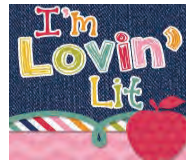
Thank you for your download!

I hope this helps your students!



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