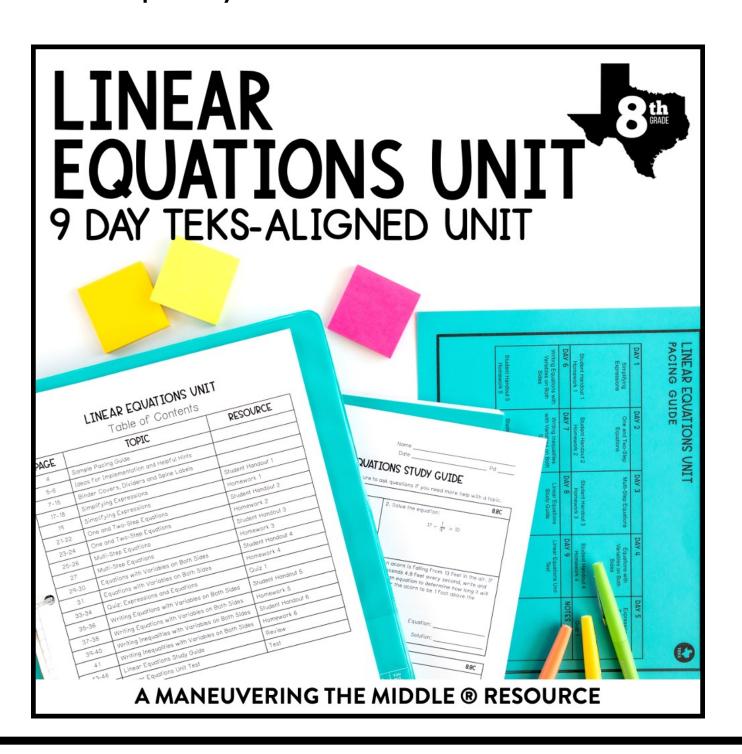
#### learning focus:

- model and solve equations with variables on both sides
- write equations and inequalities representing real-world situations
- write a real-world problem given an equation or inequality





a 9 day TEKS-aligned unit

TEKS: 8.8A, 8.8B, 8.8C

## ready-to-go, scaffolded student materials

#### LINEAR EQUATIONS UNIT

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# student friendly + real-world application

Unit: Linear Equation Student Handout 1		Name Date		od			affo nce	lded	ł		
examples, write your below her examples.	wrote three examples of prediction of what make -25	of expressions on the bo	oard as shown. Using atical expression in th					<b>P13</b>			
EXPRESSION	A mathematical and  Will not have an	SIMPLIFYING EXPRESSIONS	We can simplify     Be careful when that is in front or	you are combining f the term.	terms to check th	e					
TERM	A term is a cons     Separated by	Use the given var	went to the movies ar riables to write an exp dividual items purchas	ression and	(t), drinks (d) and	d popcorn (p) sho	own.				
COEFFICIENT  LIKE TERMS	The number in f      Must have both texponent (or	Simplify the expr	ession by combinin	Unit: Linear Ed Homework 1	uations						
Use the definitions a  1. Give an example o expression with four	bove to help you com	13r + 5r + 2n Match each expression with the correct simplified expression. Use the correspondi						ing letter with			
4. Give an example of a. 14y  5. Circle the letter of	b9b `any card that gives	q18.7b + 4b	- 0.3b	3	4x - 2x - 20x + 3 $7 - 9x - 15 + 12x$		4	$-\frac{4}{7} + \frac{2}{7}x - 14x + $ $-2.4x + 3.8x - 3$	,		
A. B.  1/4c and -9c  2.2n and 2.2		the rectangle	dge of simplifying e pression for the per d.4x - 0.8 cm	5 -0.8x + 40 - 8x - 35			$12\frac{5}{6}x - 14x + \frac{1}{6}x$				
			Perimeter:		-3x + 14 - 11 + 11:	x	3.75	x – 5 – 8.75x + 4.	5 + 0.5		
		Summarize today's	s lesson:	A: -5x	E: -8.8x + 5	O: 3x - 8	L: 0.4x	G: -x	W: 8x + 3		
	nteractive		7	R: -17x B: $-13\frac{5}{7}x$ M: -8x U: $-2\frac{1}{6}x$ D: $-13\frac{1}{7}x$ N: -5.5x What is a bird's favorite subject?							
oract	ractice					3 7 4 6 5 2 1 8  @Maneuvering the Middle LLC, 2017					

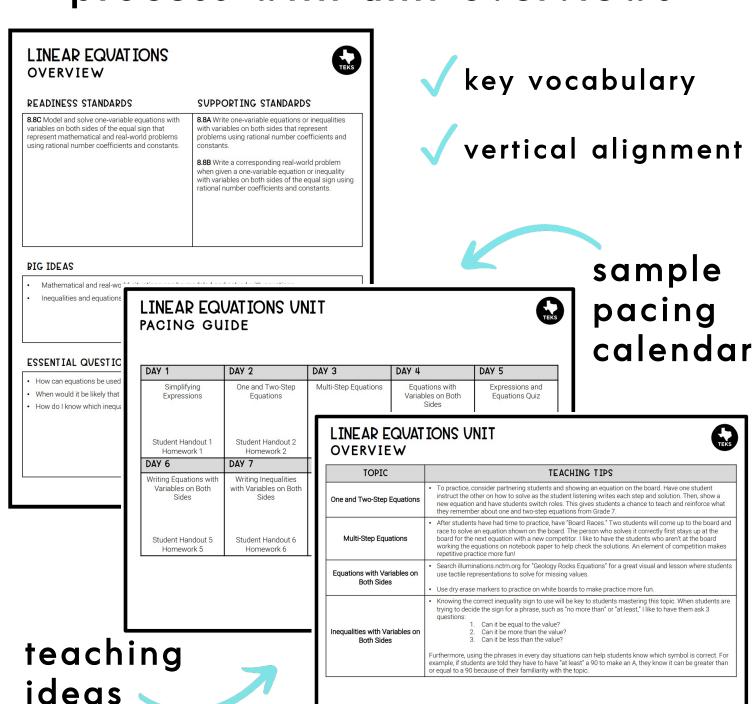
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# streamline your planning process with unit overviews



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### unit study guide + assessments

Unit: Linear Equations Quiz 1  QUIZ: EXPRESSIONS AND	Name	
Answer each question and be sure to show an an an analysis of the sure to show an analysis of the sure to show a sure to show	work when necessary.	
12 + 3.4x - 5.4	x – x 3	
A3x + 12 B. 9x	Unit: Linear Equations Review	Name Pd
Which value of x makes the equation t		TIONS STUDY GUIDE to ask questions if you need more help with a topic.
$\frac{2}{5}x + 10 =$	I CAN WRITE AND SOLVE LINEAR EQUATIONS.  1. Solve the equation:	8.8C  2. Solve the equation:
A. x = 100 B. x = 12	$\frac{x}{-3.5} + 33 = 30$	
3. Which of the following answer choices collected on the left and the constants hare 2.  A9x = 15  B. 5x = 15  4. After making the swim team, Farrah purchased a swimsuit, a swim cap, and a of goggles. The swimsuit was twice as muthe goggles, and the swim cap was half the price of the goggles. If the total cost of the team of the goggles, and the swim cap was the price of swimsuit?	3. A sprout in Jessie's garden is $5\frac{1}{5}$ grows $1\frac{3}{10}$ cm each week. Write and equation in order to determine how r weeks it will take for the plant to be   Equation:  Solution:  I CAN WRITE AND SOLVE MMJI-STEP EC  5. Solve the equation: $-4 + w + 17 - \frac{2}{3}w = 16$ 7. The perimeter of the rectangle sh value of x.	EIGHTH GRADE CURRICULUM  LINEAR  EQUATIONS  UNIT TWO: ANSWER KEY
answer keys included		©MANEUVERING THE MIDDLE, 2017

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