

## Scope and Sequence

Subject/Title of Unit	Grade	6 Weeks	Estimated Time Frame (# of days)
Algebra 1 Unit 3 Solving Linear Equations	9th	1 <sup>st</sup>	10 days
<b>TEKS/Student Expectations</b>		<b>Examples/Specifications:</b>	
<p>(A.1) (D) represent relationships among quantities using concrete models, tables, graphs, diagrams, verbal descriptions, equations, and inequalities</p> <p>(A.3) (A) use symbols to represent unknowns and variables</p> <p>(A.4) (A) find specific function values, simplify polynomial expressions, transform and solve equations, and factor as necessary in problem situations;</p> <p>(A.4) (B) use the commutative, associative, and distributive properties to simplify algebraic expressions</p> <p>(A.7) (B) investigate methods for solving linear equations and inequalities using concrete models, graphs, and the properties of equality, select a method, and solve the equations and inequalities</p> <p>(A. 7) (C) interpret and determine the reasonableness of solutions to linear equations and inequalities</p> <p>8.3.B</p>		<p>Solve one-step equations using algebra, solve two-step equations, solve multi-step equations, solve equations with variables on both sides, Rewrite equations and formulas.</p>	
<b>Language of Instruction:</b>		<b>Instructional Resources/Textbook Correlations:</b>	
<p><b><u>Vocabulary</u></b>                      <b><u>Formulas</u></b></p> <p>Inverse operations                      <math>a/b = p/100</math></p> <p>Equivalent equations</p> <p>Identity                      <math>a = p\% \times b</math></p> <p>Ratio</p> <p>Proportion</p> <p>Cross product</p>		<p><u>McDougal Littell: Algebra 1</u></p>	

Scale drawing Scale model Scale Literal equation	<b>Weblinks/Other Resources:</b>
<b>Evaluation/External Assessment/Local Assessment:</b>	<b>Best Instruction Timeline:</b>
Oral responses Homework Quizzes and tests Projects	