

Scope and Sequence

Subject/Title of Unit	Grade	6 Weeks	Estimated Time Frame (# of days)
Algebra 1 Unit 1 Expressions, Equations, and Functions	9th	1 st	10 days
TEKS/Student Expectations		Examples/Specifications:	
<p>(A.1) (A) describe independent and dependent quantities in functional relationships</p> <p>(A.1) (B) gather and record data and use data sets to determine functional relationships between quantities</p> <p>(A.1) (C) describe functional relationships for given problem situations and write equations or inequalities to answer questions arising from the situations</p> <p>(A.1) (D) represent relationships among quantities using concrete models, tables, graphs, diagrams, verbal descriptions, equations, and inequalities</p> <p>(A.1) (E) interpret and make decisions, predictions, and critical judgments from functional relationships</p> <p>(A.2) (B) identify mathematical domains and ranges and determine reasonable domain and range values for given situations, both continuous and discrete</p> <p>(A.3) (A) use symbols to represent unknowns and variables</p>		<p>Represent functions as rules and as tables; represent functions as graphs</p> <p>Translate verbal phrases into expressions; translate verbal sentences into equations or inequalities; problem solving plan to solve problems</p>	
Language of Instruction:		Instructional Resources/Textbook Correlations:	
Variable	Formulas:	<u>McDougal Littell: Algebra 1</u>	
Algebraic expression	Perimeter Square $P=4s$		
Power	Volume $V= lwh$		
Exponent			
Base			
Order of operations			
Verbal model			
Rate			
Unit rate			
		Weblinks/Other Resources:	

<p>Open sentence Equation Inequality Solution of an equation or inequality Formula Function Domain Range Independent variable Dependent variable</p>	
<p>Evaluation/External Assessment/Local Assessment:</p>	<p>Best Instruction Timeline:</p>
<p>Oral responses Homework Quizzes and tests Projects</p>	