

**Scope and Sequence-Algebra I**  
**Argyle High School**

<b>Subject</b>	<b>Grade</b>	<b>6 weeks</b>	<b>Estimated Time Frame</b>
<b>Algebra I</b> Chapter 12 Rational Equations and Functions	8-9	6th	10-12 days
<b>TEKS/Student Expectations:</b>	<b>Examples: Specifications:</b>		
<p>A. 1B gather and record data and use data sets to determine functional relationships between quantities;</p> <p>A. 1C describe functional relationships for given problem situations and write equations or inequalities to answer questions arising from the situations;</p> <p>A. 1D represent relationships among quantities using concrete models, tables, graphs, diagrams, verbal descriptions, equations, and inequalities;</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>Includes inverse variation</p> <p>Involves Rational functions</p>		

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<b>Language of Instruction</b>	<b>Instructional Resources/Textbook Correlations:</b>
Inverse variation Constant of variation Hyperbola Branches of a hyperbola Asymptotes of a hyperbola Rational function Monomial Polynomial Binomial Rational expression Excluded value Simplest form of a rational expression Complex fraction LCD of rational expression	<p>McDougal Littell Algebra I, Larson, Boswell, Kanold, Stiff            12.1-review, 12.2, 12.3, 12.4, 12.5, 12.6, 12.7  <u>McDougal Littell: Structure and Method Book Algebra with PZazz</u>,            Resource materials with text.</p> <p><u>Warm-ups</u>            Warm-ups with every lesson            Reviews with each lesson</p> <p><b>Weblinks/Other Resources:</b>            classzone.com</p>
<b>Process/Evaluations</b>	<b>Remediation:</b>
<ol style="list-style-type: none"> <li>1. Oral responses</li> <li>2. Homework</li> <li>3. Quizzes and tests</li> <li>4. Projects</li> </ol>	<ol style="list-style-type: none"> <li>1. Peer/teacher tutoring</li> <li>2. Ancillary worksheets accompanying text</li> <li>3. Reteach, retest</li> </ol> <p><b>Extension:</b>            1. <b>Exploration and Extension</b></p>