

LEARNING PLAN

<p>Exploratory Activities Pencil Box Illustration</p>	<p>Concept Linear Equations and Inequalities (in one variable)</p>
<p>Concept Development Activities Meaty Mystery (Addison Wesley) Selected Puzzles from Creative Publications' <i>In the Balance</i> Solving Linear equations using Lab Gear & TEXTEAMS Algebra I Institute 2-192 through 2-197 Solving Linear Equations using pictorial representation <i>The Write Tool to Teach Algebra</i> (p. 22-24) Balance Pictures Making up equations satisfying given conditions (Creative Publications <i>Algebra: Themes, Tools, and Concepts</i> p. 213 17-20) Solving Linear Equations using the table feature of the graphing calculator Relay Race on solving equations</p>	<p>Materials and Resources graphing calculator rainbow cubes cups and counters white recording paper and pens Key Curriculum's <i>The Write Tool to Teach Algebra</i> Creative Publications <i>Algebra: Themes, Tools, and Concepts</i> and <i>In the Balance (4-6) and (7-9)</i> <i>Lab Gear Activities for Algebra I</i> TEXTEAMS Algebra I Institute Test Items: EOC and TAAS</p>
<p>Basic Skills and Standard Algorithms Formalized Assign problems from the adopted textbook (McDougal Littell's <i>Algebra I Explorations and Applications</i>) from Sections 2.1, 2.2, 4.2, 4.3, 4.4, 4.6 to build skills in solving equations.</p>	<p>Originality and Creativity <i>Student Products</i></p>
<p>Assessment Performance Task: Hands on Equations : Solve an equation using a student selected manipulative</p> <p>Interview: Class writes a set of questions on strategies for solving linear equations. Students pair off and interview one another. Student writes a report on the interviewee.</p>	<p>Written Write a letter to a friend explaining how you solve linear equations your favorite way.</p> <p>Verbal Design and implement a debate on "Resolved: that _____ is the best method for solving linear equations."</p> <p>Kinesthetic Invent equations and demonstrate solving them using Lab Gear.</p>
<p>TEKS b.4.A , c.3.B Test Items From Algebra I EOC exams Spring 2000: 2, 14, 24, 34, 37, 39 Spring 2001: 3.6.16.19.21.32.34 Spring 2002: 11,16,19,22,25,31,36</p>	<p>Visual Compare and contrast visually two methods for solving linear equations.</p>