

LEARNING PLAN

<p>Exploratory Activities Walking on a Number Line Tic-Tac-Toe</p>	<p>CONCEPT Integers (in Algebra I)</p>
<p>Concept Development Activities</p> <ul style="list-style-type: none"> • <i>Integer Arithmetic</i> <ul style="list-style-type: none"> Postman Stories (+, -, x) Color Counters (+, -) Football Field (+, -, x, /) The Floating House (+, -, x) 	<p>Materials and Resources Two-Color counters Algebra Lab Gear Calculators Algebra tiles Markers Post-it flip pads</p>
<p>Basic Facts and Standard Algorithms Formalized</p> <ul style="list-style-type: none"> • McDougal Littell <i>Algebra I Explorations and Applications</i> pp. 8-13, 19-23, 30-39 • Lab Gear <i>Activities for Algebra I</i> pp. 17-18, 22-23 • <i>Algebra: Themes, Tools, and Concepts</i> pp. 9-13, 127-128 • <i>Key to Integers</i> pp. 10, 11, 14, 17, 20, 23, 26 • Use the operations of +, -, x, / with real numbers in practical situations: <i>Algebra I Explorations and Applications</i> 1.4, 1.5 • Use integers to graph solution sets 	<p>Originality and Creativity <i>Student Products</i></p> <p>Written Design and write a journal article comparing the different models for integer arithmetic.</p> <p>Verbal Create and perform a skit that demonstrates the order of operations.</p> <p>Kinesthetic Design a mime, dance, or puppet show that explains how to subtract integers.</p> <p>Visual Create a collage of newspaper clippings that depict integers or order of operations.</p>
<p>Assessment Write a description of how you would teach addition and subtraction to someone who is learning about integers for the first time.</p>	
<p>TEKS 8.1A, 8.2A, 8.2B, 8.2C</p>	