

LEARNING PLAN

<p>Exploratory Activities <i>Algebra Thinking: First Experiences</i> Tables 2, 5, 6, 11</p>	<p>CONCEPT Ratio and Proportion (in Algebra I)</p>
<p>Concept Development Activities Juice mixes activity sheet <i>Research Ideas for the Classroom: The Middle Grades</i> Cuisenaire People p. 174 Classy Limousine p. 175 Golden ratio of the human skeleton Examples of proportional & non-proportional reasoning</p>	<p>Materials and Resources <i>Algebra Thinking: First Experiences</i> <i>Research Ideas for the Classroom: The Middle Grades</i> Rainbow cubes Meter sticks Inch chart paper Cuisenaire Rods Rolls of centimeter paper Markers</p>
<p>Basic Facts and Standard Algorithms Formalized Relate direct variations and linear functions Solve problems involving proportional change Text: Pg. 106-109 (selected problems)</p>	<p>Originality and Creativity <i>Student Products</i></p> <p>Written Write an article explaining Leonardo daVinci's notes concerning the human face.</p>
<p>Assessment: Demonstration "Connection Art" Text: Pg. 111</p>	<p>Verbal Plan a round-table discussion of the usefulness of direct variation.</p> <p>Kinesthetic Role-play "Interview with Mae Jemison (Pg. 110)</p>
<p>TEKS c.2.G/9 Test Items from Algebra I EOC Spring 2000: 37 Spring 2001: 39</p>	<p>Visual Illustrate daVinci's theory of the chin and the face.</p>

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Revised 2/4/00