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