Susanna Gawlik Lesson Plans Math-Grade 8 Week of April 24-28, 2017

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| Looking for Pythagoras Text | Monday 4-24 | Tuesday 4-25 | Wednesday 4-26 | Thursday 4-27 | Friday 4-28 |
| CCSS/MAS  8.G.B.8 Apply the Pythagorean Theorem to find the distance between two coordinate points in a coordinate system.  8.EE.A.2 Use square root and cube root symbols to represent solutions to equations in the form of x2=p and x3= p, where p is a positive rational number. Evaluate square roots of small perfect squares and small cube roots of small perfect cubes. | TSC demonstrate application of the Pythagorean Theorem by developing a strategy for finding the distance between dots on a grid by examining the line segment between the dots (8.G.B.8). | TSC demonstrate application of the Pythagorean Theorem by developing a strategy for finding the distance between dots on a grid by examining the line segment between the dots (8.G.B.8). | TSC apply understanding of cube roots by using the volume and working backwards to find the edge length of a cube (8. EE.A.2) by assembling a cube. | TSC apply understanding of cube roots by using the volume and working backwards to find the edge length of a cube (8. EE.A.2) by completing problem 2.3. | TSC apply understanding of cube roots by using the volume and working backwards to find the edge length of a cube (8. EE.A.2) by completing problem 2.3. |
| Language Objective  WIDA Accommodations  (reading-follow along with teacher; writing-model teacher note-taking, answer questions; speaking- practice using math terminology and the English language. | TSC listen, read, and write to answer questions about the area of a square and the length of its sides (8.G.B.8) using side lengths and square roots. | TSC listen, read, and write to answer questions about the area of a square and the length of its sides (8.G.B.8) using side lengths and square roots. | TSC listen and read to develop understanding of cube roots by creating a 3-dimensional cube to discover its side lengths (8. EE.A.2). | TSC listen, read, and write to answer questions about cube roots and its side-lengths using examples from Problem 2.4 A-D (8. EE.A.2). | TSC listen, read, and write to answer questions about cube roots and its side-lengths using examples from application questions 47-64 (8. EE.A.2). |
| Assessment | Additional Practice | Check Applications 38-46 p30-32 | 3-D Cube | None | Application Questions 47-64 pgs32-33 |
| Accommodations | Lab sheets 2.3 A-C, rulers |  | Lab sheet 2.4 of cube | Calculators, teacher guidance, large and small group instruction | Calculators, teacher guidance, partners |
| Vocabulary | area, distance, endpoint, segment, square, square root | area, distance, endpoint, segment, square root | area, distance, endpoint, segment, square root, cube root | area, distance, endpoint, segment, square root, cube root, vertices | area, distance, endpoint, segment, square root, cube root, vertices |
| Exit Stem |  |  |  |  |  |

Lesson plans can change at any time by the discretion of the teacher.