Susanna Gawlik Lesson Plans Math-Grade 8 Week of March 20-24, 2017

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| Looking for Pythagoras Text | Monday 3-20 | Tuesday 3-21 | Wednesday 3-22 | Thursday 3-23 | Friday 3-24 |
| 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 knowledge of the Pythagorean theorem (8.G.B.8) by finding the coordinates of a vertices of a polygon when given the coordinates of 2 vertices so that the resulting shape will be a non-square rectangle, right triangle, or non-rectangle parallelogram. | TSC demonstrate knowledge of finding area (8.G.B.8) by calculating the area of irregular rectangles and triangles. | TSC demonstrate knowledge of finding area (8.G.B.8) by calculating the area of irregular rectangles and triangles. | TSC demonstrate application of square roots by evaluating square roots of small perfect squares by constructing a variety of squares with different areas (8. EE.A.2). | TSC demonstrate application of square roots by evaluating square roots of small perfect squares by constructing a variety of squares with different areas (8. EE.A.2). |
| 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 Pythagorean theorem (8.G.B.8) using two coordinates to determine the resulting shape by finding the other coordinate points. | TSC listen, read, and write to answer questions of finding area (8.G.B.8) by calculating the area of irregular rectangles and triangles. | TSC listen, read, and write to answer questions of finding area (8.G.B.8) by calculating the area of irregular rectangles and triangles. | TSC listen, read and write to answer questions about the areas of a variety of constructed squares using dot paper (8.EE.A.2). | TSC listen, read and write to answer questions about the areas of a variety of constructed squares using dot paper (8.EE.A.2). |
| Assessment | Additional Practice 1-4 over Problem 1.1-1.2 | Informal assessment of Invest. 1.3-irregular figures p13 A-C | Applications 15-25 p16 | Problem 2.1 p22-23; start Problem 2.2 p23-25 | Applications2.1 1-3 pg29 |
| Accommodations | Graphs, additional practice sheet | Teacher assistance; Lab sheet 1.3-Irregular figs | ACE sheet 1.3 | Lab sheet 2.1 | Lab sheet 2.1 ACE 1-3 |
| Vocabulary | Origin, coordinate points, quadrants, area, distance, REVIEW: parallel, perpendicular, endpoint, segment, square, rectangle, right triangle, parallelogram | area, distance, endpoint, segment, square | area, distance, endpoint, segment, square | area, distance, endpoint, segment, square | area, distance, endpoint, segment, square |
| Exit Stem |  |  |  |  |  |

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