Susanna Gawlik Lesson Plans Math-Grade 8 Week of May 15-19, 2017

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| Looking for Pythagoras Text | Monday 5-15 | Tuesday 5-16 | Wednesday 5-17 | Thursday 5-18 | Friday 5-19  Guest Teacher |
| CCSS/MAS  8.G.B.6 Explain a proof of the Pythagorean Theorem and its converse.  8.G.B.8 Apply the Pythagorean theorem to find the distance between two points on a coordinate system | TSC demonstrate application of the Pythagorean Theorem by finding the side lengths of different triangles to explain a proof of the Pythagorean Theorem. (8.G.B.6). | TSC demonstrate application of the Pythagorean Theorem by finding the side lengths of different triangles to explain a proof of the Pythagorean Theorem. (8.G.B.6). | TSC demonstrate application of the Pythagorean Theorem by finding the side lengths of different triangles to explain a proof of the Pythagorean Theorem. (8.G.B.6). | TSC demonstrate application of the Pythagorean Theorem to determine unknown side lengths in right triangles in real-world and mathematical problems in two and three dimensions. (8.G.B.7). | TSC demonstrate application of the Pythagorean Theorem by finding the side lengths of different triangles to explain a proof of the Pythagorean Theorem. (8.G.B.6). |
| 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 using side lengths of different triangles to explain a proof of the Pythagorean Theorem. (8.G.B.6) | TSC listen, read, and write to answer questions about the Pythagorean Theorem using a partner quiz to explain a proof of the Pythagorean Theorem. (8.G.B.6) | TSC listen, read, and write to answer questions about the Pythagorean Theorem using a partner quiz to explain a proof of the Pythagorean Theorem. (8.G.B.6) | TSC listen, read, and write to answer questions about the Pythagorean Theorem using the wheel of Theodorus side lengths of different triangles to explain a proof of the Pythagorean Theorem. (8.G.B.6) | TSC listen, read, and write to answer questions about the Pythagorean Theorem using side lengths of different triangles to explain a proof of the Pythagorean Theorem. (8.G.B.6) |
| Assessment | Practice Problems | Partner Quiz | Continue Partner Quiz | Problem 4.1 p60-62 A-D | Practice Problems |
| Accommodations | Calculators, teacher guidance, large and small group instruction | Calculators, teacher guidance, A/B partners | Calculators, teacher guidance, A/B partners | Lab sheet 4.1 Calculators, teacher guidance, partners | Calculators, teacher guidance, partners |
| Vocabulary | Acute triangle, obtuse triangle, right triangle, leg, hypotenuse, theorem, Pythagorean Theorem | Acute triangle, obtuse triangle, right triangle, leg, hypotenuse, theorem, Pythagorean Theorem | Acute triangle, obtuse triangle, right triangle, leg, hypotenuse, theorem, Pythagorean Theorem | Rational numbers, irrational numbers, real numbers, repeating decimals, terminating decimals | Acute triangle, obtuse triangle, right triangle, leg, hypotenuse, theorem, Pythagorean Theorem |
| Exit Stem |  |  |  |  |  |

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