Susanna Gawlik Lesson Plans Math-Grade 8 Week of January 15-19, 2018

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| TWMM Text  Looking for Pythagoras (LFP) | Monday 1-15  MLK Day | Tuesday 1-16 | Wednesday 1-17 | Thursday 1-18 | Friday 1-19 |
| CCSS/MAS  8.GB.8 Apply the Pythagorean Theorem to find the distance between two points.  8.GB.6 Explain a proof of the Pythagorean Theorem and its converse |  | TSC apply strategies to determine coordinate points of geometric shapes on a coordinate plane (8.GB.6; 8.GB.8)  By finding missing coordinates when given one or more point. | TSC apply knowledge of area to determine  By strategies to calculate the area (8.GB.6; 8.GB.8) of irregular shapes | TSC demonstrate knowledge of the coordinate plane (8.GB.6; 8.GB.8)  By determining the location of landmarks of a town on a coordinate grid | TSC develop strategies to determine coordinate points of geometric shapes on a coordinate plane and calculate the area (8.GB.6; 8.GB.8) of irregular shapes  By finding missing vertices of shapes and using strategies to calculate the area of irregular shapes |
| 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 read and write to answer questions about missing coordinate points of geometric shapes when given one or more point on a coordinate plane  Using Problem 1.2 A-D page 12. | TSC read and write to answer questions about the area of irregular shapes  Using  Lab sheet 1.3, irregular shapes to answer questions A-C on page 63 | TSC read and write to answer questions about coordinates of landmarks  Using  a map of the town Euclid to answer application questions 1-7 on pages 14-15 | TSC read, and write to answer questions about coordinates points to find missing vertices and area of irregular shapes  Using grid paper and pictures of irregular shapes |
| Assessment |  | Informal oral assessment of Problem 1.2 | Informal assessment of Problem 1.3 | Application Questions 1-7 p. 14-15 | Application Questions 8-25 p.15-16 |
| Accommodations |  | Lab sheet 1.2 Planning Parks  Centimeter grid paper | Lab sheet 1.3; A-B pairs | Lab sheet 1ACE (1-6) | Lab sheet 1 ACE 8-10, Lab sheet 1 ACE 15-25; graph paper |
| Vocabulary |  | Area, perpendicular, coordinates, rectangle, square, triangle, vertices | Area, perpendicular, coordinates, rectangle, square, triangle, vertices | Area, perpendicular, coordinates, rectangle, square, triangle, vertices | Area, perpendicular, coordinates, rectangle, square, triangle, vertices |
| Exit Stem |  |  |  |  |  |

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