Susanna Gawlik Lesson Plans Supplemental Math-Grade 8 Week of January 25-29, 2016

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|  | Monday 1-25 | Tuesday 1-26 | Wednesday 1-27 | Thursday 1-28 | Friday 1-29 Guest Teacher |
| CCSS/MAS | TSC demonstrate knowledge of the Pythagorean Theorem and its converse (8.GA.6) by explaining a proof of the theorem and its converse on a pretest.  | TSC demonstrate knowledge of evaluating square and cube roots to represent solutions to equations using X2=p and x3 (8.EE.A.2) on a pretest. | TSC demonstrate knowledge of evaluating square and cube roots to represent solutions to equations using X2=p and x3 (8.EE.A.2) by guided practice. | TSC demonstrate understanding for solving equations (8.EE) and functions (8.FA.1) using front row web-based math practice.Conflict Resolution Hour 1 | TSC demonstrate knowledge of evaluating square and cube roots to represent solutions to equations using X2=p and x3 (8.EE.A.2) using partner practice. |
| Language Objective | TSW read and write to demonstrate knowledge of the Pythagorean Theorem and its converse (8.GA.6) by explaining a proof of the theorem and its converse on a pretest.  | TSW read and write to demonstrate knowledge of evaluating square and cube roots to represent solutions to equations using X2=p and x3 (8.EE.A.2) on a pretest.  | TSW read and write to demonstrate knowledge of evaluating square and cube roots to represent solutions to equations using X2=p and x3 (8.EE.A.2) by guided practice. | TSW read and write to demonstrate understanding for solving equations (8.EE) and functions (8.FA.1) using front row web-based math practice. | TSW read and write to demonstrate knowledge of evaluating square and cube roots to represent solutions to equations using X2=p and x3 (8.EE.A.2) using partner practice. |
| Assessment | Pythagorean Theorem Pretest | Square root, cube root, units | Informal assessment using student responses | Web-based Assessment Progression of levels |  |
| Accommodations | Calculators | Calculators | Calculators, teacher assistance,  | Questions based on student’s level from Diagnostic Test | Calculators, teacher assistance,  |
| Vocabulary | Legs, hypotenuse, Pythagorean Theorem, $a^{2}+b^{2}=c^{2}$ | Distance Equation, squaring, square roots | Distance Equation, squaring, square roots | Quotient, difference, ratio, less than variable, inequality, greater than, less than, equal to, Equation, explain, variable, coefficient | squaring, square roots, cube roots |
| Exit Stem | Watch teachertube and discuss, as a group, the Pythagorean Theorem and its converse |  | With a partner, review how to find the square root . |  |  |

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