Susanna Gawlik Lesson Plans Supplemental Math-Grade 8 Week of October 12-October 16, 2015

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|  | Monday 10-12 | Tuesday 10-13 | Wednesday 10-14 | Thursday 10-15 | Friday 10-16 |
| Learning Target | I understand that a function is a rule that assigns one input to each output and can explain the relationship between ordered pairs. | I can demonstrate understanding that a function is a rule that assigns one input to each output and can explain the relationship between ordered pairs. | I can compare properties of two functions with different representation (algebraically, graphically, numerically in tables, or by verbal description) and determine which has the greater rate of change. | Guest teacher | I can compare properties of two functions with different representation (algebraically, graphically, numerically in tables, or by verbal description) and determine which has the greater rate of change. |
| Language Objective | TSW write and demonstrate understanding of the processes of function tables through guided practice. | TSW listen and write to demonstrate understanding of the processes of function tables through independent practice. | TSW write and demonstrate their understanding of comparing two functions and determine which has a greater rate of change on a pre-assessment. |  | TSW listen, and write demonstrate understanding of two functions and determine which has a greater rate of change using word problems and tables. |
| Assessment | None-teacher-led guided practice | Independent practice of function tables |  | Independent practice of function tables matching sheet and comparing properties of two functions practice sheet 2 | Teacher/Group practice of comparing two functions |
| CCSS/MAS | 8.F.1 | 8.F.1 | 8.F.2 | 8.F.1 and 8.F.2 | 8.F.1 |
| Vocabulary | Function, input, output, f(x) | Function, input, output, f(x), x-axis, y-axis | Function, input, output, f(x), x-axis, y-axis, slope, slope formula, rate of change | Function, input, output, f(x), x-axis, y-axis, slope, slope formula, rate of change, y=mx+b | Function, input, output, f(x), x-axis, y-axis, slope, slope formula, rate of change, y=mx+b |
| Exit Stem |  | A function is a rule that assigns one\_\_\_\_\_\_\_ to one \_\_\_\_\_\_\_\_\_\_\_\_. |  |  | Sketch and label a graph that shows a constant increase and one that shows a constant decrease. |

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