Susanna Gawlik Lesson Plans Math-Grade 8 Week of November 7-11, 2016

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| TWMM Text | Monday 11-7  PBIS - LEADERSHIP | Tuesday 11-8 | Wednesday 11-9 | Thursday 11-10 | Friday 11-11 |
| CCSS/MAS  8.F.B.4 Use functions to model relationships between quantities  -finding the equation of a line from a point and slope (using y=mx+b)  - finding slope from 2 points using the slope formula  CCSS/MAS  8.EE.5 Graph proportional relationships, interpreting the unit rate as the slope of the graph. Compare two different proportional relationships represented in different ways. | TSC demonstrate application of functions (8.F.B.4) by finding the equation (y=mx+b) of a line from point and slope.  TSC demonstrate application of functions (8.F.B.4) by finding slope from two points. |  | TSC demonstrate application of functions (8.F.B.4) by finding the equation (y=mx+b) of a line from point and slope.  TSC demonstrate application of functions (8.F.B.4) by finding slope from two points. | TSC demonstrate application of functions (8.F.B.4) by finding the equation (y=mx+b) of a line from information given in a word problem, tables of data and graphs. | TSC demonstrate application of functions (8.F.B.4) by finding the equation (y=mx+b) of a line from information given in a word problem, tables of data and graphs. |
| 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 and write to answer questions about functions to model relationships between quantities to find the equation of a line using a point and slope.  TSC listen and write to answer questions about functions by finding slope from two points using the slope formula. |  | TSC listen and write to answer questions about functions to model relationships between quantities to find the equation of a line using a point and slope.  TSC listen and write to answer questions about functions by finding slope from two points using the slope formula. | TSC listen, read and write to answer questions about functions that model slope using a table of data, a graph, and error analysis. | TSC listen, read and write to answer questions about functions that model slope using a table of data, and a graph. |
| Assessment | Practice 2/3 |  | HW 1-2 | Informal assessment using student responses for Problem 2.3 | Applications 4-5, 9-19 |
| Accommodations | Calculators, teacher guidance; A-B partners |  | Calculators, teacher guidance; A-B partners | Calculators, teacher guidance, Lab sheet 2.3 A/B (1 per group)/ A-B partners | Calculators, teacher guidance, Lab sheet 2ACE for Exercise 13; A-B partners |
| Vocabulary | Slope formula, point, function, linear equation, y-intercept, Independent and Dependent variable, linear relationship, nonlinear relationship, x-axis, y-axis, variables, function, mathematical model, residual |  | Independent and Dependent variable, linear relationship, nonlinear relationship, x-axis, y-axis, variables, function, mathematical model, residual | Independent and Dependent variable, linear relationship, nonlinear relationship, x-axis, y-axis, variables, function, mathematical model, residual | Independent and Dependent variable, linear relationship, nonlinear relationship, x-axis, y-axis, variables, function, mathematical model, residual |
| Exit Stem |  |  |  | A mathematical model is an equation or a graph that describes, at least approximately, the relationship between two variables | To make a mathematical model, acquire data, plot the data points, and when the points show a pattern, find the equation of a line or curve that fits the trend in the data. |

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