Mrs. Gawlik/Mr. Anderson 8th Grade Math October 22-26, 2018

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|  | Monday 10-22 | Tuesday 10-23 | Wednesday 10-24 | Thursday 10-25 | Friday 10-26 |
| Text: Thinking with Mathematical Models | Continue 2.3-Tree Top Fun-Equations for linear functions p38-40 C-E | 2.3 Applications 4-5 p46 | Begin Problem 2.4-Boat Rental Business-Solving Linear Equations p40-41 A-C | Begin Problem 2.4-Boat Rental Business-Solving Linear Equations p42 D-E | Exact Path |
| CCSS | 8.F.B.4 Construct a function to model a linear relationship between two quantities. Determine the rate of change and initial value of the function from a description of a relationship or from two (*x, y*) values, including reading these from a table or from a graph. Interpret the rate of change and initial value of a linear function in terms of the situation it models, and in terms of its graph or a table of values. | 8.F.B.4 Construct a function to model a linear relationship between two quantities. Determine the rate of change and initial value of the function from a description of a relationship or from two (*x, y*) values, including reading these from a table or from a graph. Interpret the rate of change and initial value of a linear function in terms of the situation it models, and in terms of its graph or a table of values. | 8.EE.C.7 Solve linear equations in one variable. | 8.EE.C.7 Solve linear equations in one variable. |  |
| Content Objective  (Student Will Demonstrate…) | Understanding of linear function by determining the equation from a graph, two points, and slope and two points. | Understanding of linear functions by finding the rate of change (m) and initial value (b) from a real-world situation and a table. | Understanding of how to use properties of algebra to simplify algebraic expressions by solving one and two-step equations. | Understanding of how to use properties of algebra to simplify algebraic expressions by solving one and two-step equations. | Understanding of content specific NWEA R.I.T per individual learning goal by answering questions on Exact Path with 75% accuracy |
|  | Write to answer questions for linear function using a graph, two points, and two points and slope with 70% accuracy. | Write to answer questions for linear functions using application questions 4-5 p46 with 80% accuracy. | Write to estimate solutions to linear equations and inequalities using tables and graphs with 70% accuracy. | Write to find exact solutions to linear equations and inequalities using word problems with 70% accuracy. | Read to answer questions for NWEA individual learning plan using Exact Path with 75% accuracy. |
| Vocabulary | Scatter plot, x/y axis, independent/dependent variable, function, mathematical models, y-intercept, slope, residual | Scatter plot, x/y axis, independent/dependent variable, function, mathematical models, y-intercept, slope, residual | Scatter plot, x/y axis, independent/dependent variable, function, mathematical models, y-intercept, slope, residual, inequalities | Scatter plot, x/y axis, independent/dependent variable, function, mathematical models, y-intercept, slope, residual, inequalities | Scatter plot, x/y axis, independent/dependent variable, function, mathematical models, y-intercept, slope |
| Differentiation/Modifications | \*Individual learning  \*Problem-solving strategies  \*SpEd Accommodated Lab sheet 2.3A-B | \*Whole group and individual learning  \*Modeling  \*Manipulatives  \*Partner (talk/predict/share with group)  \*Problem-solving strategies  SpEd Accommodated worksheet 5; 9; 13 a-b, 16-17 | \*Whole group and individual learning  \*Modeling  \*Manipulatives  \*Partner (talk/predict/share with group)  \*Problem-solving strategies  Lab sheet 2.4 | \*Individual learning/A-B Partner  \*Technology  \*SpEd Accommodated Worksheet | \*Individual learning  \*Technology |
| Activity/Exit Ticket/Assignment | Problem 2.4 C-E #1-3  What is the strategy used to find slope and y-intercept from a word sentence, two points, and a graph?  Summative Assessment based on group/individual discussion/feedback, walk around the room | Formative Assessment Appl 2.3 p46; 4-5; 9-19  ACE Work sheet 13  SpEd 5; 9; 13 a-b, 16-17 | Problem 2.4 p40-41 A-C  Summative Assessment based on group/individual discussion/feedback, walk around the room | Guided Writing Problem 2.4 D-E p42  SpEd accommodated guided worksheet  Summative Assessment based on group/individual discussion/feedback, walk around the room | Exact Path Individual student progress based on Individual NWEA goal.  Scores evaluated by teacher after each practice session. |

Mrs. Gawlik reserves the write to change and alter these plans at any time.