Mrs. Gawlik 8th Grade Math September 10-14, 2018

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|  | Monday 9-10 | Tuesday 9-11 | Wednesday 9-12 | Thursday 9-13 | Friday 9-14 |
| Text: Thinking with Mathematical Models | Pretest-Thinking with Mathematical Models  Introduce Math Poster Activity  Hour 5-Skittle Activity | Finish Skittle Activity  Get Math Textbooks (second Half of class) | Early Release  Finish Math Posters  Open House | Graphing Calculator Activity  Guest Teacher PM | Review Graphing Calculator Activity  Begin TWMM Models-Investigation 1-Exploring Data Patterns: Bridge Thickness and Strength. |
| CCSS |  |  |  |  | 8.SP.A.1 Construct and interpret scatter plots for bivariate measurement data to investigate patterns of association between two quantities. Describe patterns such as clustering, outliers, positive or negative association, linear association, and nonlinear association. |
| Content Objective  (Student Will Demonstrate…) |  |  |  | Recall basic calculator functions by identifying keys and their function | Review by recalling from prior knowledge how to make a scatter plot, know x and y axis, know the difference between independent and dependent variable |
| Language Objective  (Student Will…)  WIDA  Language Objective  WIDA/504/Spec. Ed Accommodations  (reading-follow along with teacher; writing-model teacher note-taking, answer questions; speaking- practice/model language using math terminology and the English language. | Read and write to answer questions about patterns, equations, linear and nonlinear association and function using TWMM pretest. | Listen and write to explain how to express the skittle data using graphs, percent, fractions, and/or part-to-whole | Write mathematical terms using their name as an acronym | Orally discuss with a partner and write to complete cloze-reading activity using a graphing calculator. | Orally explain to group how to make a scatter plot, know x and y axis, know the difference between independent and dependent variable using data from bridge activity |
| Vocabulary |  |  |  |  | Scatter plot, x/y axis, independent/dependent variable |
| Differentiation/Modifications | \*individual learning (pretest/poster)  \*Whole Group (skittle)  \*Modeling | \*Whole group and individual learning  \*Modeling  \*Manipulatives  \*Problem-solving strategies | \*Whole group and individual learning  \*Modeling  \*Manipulatives  \*Partner think-pair-share | \*Whole group and individual learning  \*Modeling  \*Manipulatives  \*Partner think-pair-share  \*Technology  \*Problem-solving strategies | \*Graphic organizer  \*Modeling  \*Manipulatives  \*Problem-solving strategies  \*Whole group and individual learning |
| Activity/Exit Ticket/Assignment |  |  |  |  |  |