

Strategic Math 8th

Regal Coller

Week of 11-14-16

Day & Date	Learning Tasks & Assessments	What you need to remember for next time
<p>Monday 11-14</p>	<p>Focus for today: Executive function and accountability. <u>TWMM Investigation 3</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Review of “executive function”. <input type="checkbox"/> Introduction of TWMM Investigation 3 Accountability Checklist <input type="checkbox"/> Explanation of how the checklist process works. <input type="checkbox"/> Not all assignments are recorded in MISTAR. <input type="checkbox"/> Teacher’s initials are available for those assignments IF they are completed according to expectations. <input type="checkbox"/> Complete Algebra 8th work <input type="checkbox"/> Complete Strategic Math 8th self-assessment & reflection if you have not yet done so (link in email sent to you last week) <input type="checkbox"/> Additional Practice: $d=rt$ 	<p>Bring your binder from your regular math class and charged Chromebook to this class every day.</p>
<p>Tuesday 11-15</p>	<p>Focus for today: Inverse variations in tables, graphs and equations <u>TWMM Investigation 3</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> TWMM Investigation 3 Accountability Checklist <input type="checkbox"/> Complete Algebra 8th work <input type="checkbox"/> Inverse GraFun WS--Describe the shapes of your graphs. <input type="checkbox"/> Identifying Inverse Variation WS-- <ol style="list-style-type: none"> 1. Put the values from each table on separate graph grids. 2. Determine whether each table can be modeled by an inverse variation or not. 3. Explain how you know. 4. Write an equation for each inverse variation. 	<p>Bring your binder from your regular math class and charged Chromebook to this class every day.</p>
<p>Wednesday 11-16</p>	<p>Focus for today: Visual exploration of graph models using technology <u>TWMM Investigation 3</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> All students: TWMM Investigation 3 Accountability Checklist <input type="checkbox"/> Complete Algebra 8th work <input type="checkbox"/> DESMOS--Function Carnival <ol style="list-style-type: none"> 1. Student.desmos.com 2. Enter code: X522R 3. Continue without signing in. 4. Watch the video of each ride. 5. Use the digital pen to draw a graph that you think models the path of the ride. 6. Replay the video. 7. Improve your graph model. 8. Repeat the process for the rest of the rides. 9. Reflection: How did you know how to change your graph models? What advice would you give to others who may struggle with this learning activity? 	<p>Bring your binder from your regular math class and charged Chromebook to this class every day.</p>

Thursday 11-17	Focus for today: Exploration of direct proportions using technology <u>TWMM Investigation 3:</u> <ul style="list-style-type: none"><input type="checkbox"/> TWMM Investigation 3 Accountability Checklist<input type="checkbox"/> Complete Algebra 8th work<input type="checkbox"/> DESMOS--Marcellus the Giant<ul style="list-style-type: none"><input type="checkbox"/> student.desmos.com<input type="checkbox"/> Enter code: 6RS49<input type="checkbox"/> Continue without signing in.<input type="checkbox"/> Work through the learning task.<input type="checkbox"/> How did the graph help you determine whether or not Dan's and the Giant's dimensions were in proportion to each other?<input type="checkbox"/> Share and compare.	Bring your binder from your regular math class and charged Chromebook to this class every day.
Friday 11-18	Focus for today: Executive function--self-monitoring and planning for improvement <u>TWMM--Investigation 3</u> <ul style="list-style-type: none"><input type="checkbox"/> TWMM Investigation 3 Accountability Checklist<input type="checkbox"/> Complete the Strat Math 8th weekly reflection sent to you via a link in your email today.<input type="checkbox"/> Complete Algebra 8th work.<input type="checkbox"/> Use the web resources on this agenda to explore more about direct and inverse variations.	Have a great weekend!

Additional Web Resources:

- https://www.khanacademy.org/math/algebra2/rational-expressions-equations-and-functions/direct-and-inverse-variation/v/direct-and-inverse-variationhttp://www.mathwords.com/i/inverse_variation.htm
- <http://www.regentsprep.org/regents/math/algtrig/ate7/inverse%20variation.htm>
- <http://www.sparknotes.com/math/algebra1/variation/section2.rhtml>