



Westside High School Lesson Week 6

Teacher Name	Peter Anderson	Unit Name	Solving Equations
Course	Algebraic Reasoning	Dates	9/26 to 9/30

Monday	<p>Daily Objective: ALGR.1D Communicate mathematical ideas, reasoning, and their implications using multiple representations, including symbols, diagrams, graphs, and language as appropriate.</p> <p>Agenda with Approximate Time Limits:</p> <ol style="list-style-type: none">1.) Housekeeping (10 Min)2.) Begin notes on Ratios and Proportions (30 Min)3.) Conclude with a mathematical explanation for why cross multiplication works.(10 Min) <p>Formative Assessment:</p> <p style="text-align: center;">Notes on Ratios and Proportions</p> <p>Modifications:</p> <p style="text-align: center;">Students will have notes from each other and instructor.</p> <p>Intervention:</p> <p style="text-align: center;">Students will share with their neighbors to help everyone become aware of what they are supposed to do. Teacher will monitor room as well.</p> <p>Extension:</p> <p style="text-align: center;">Students will help each other. Explanation of cross multiplication from a mathematical perspective.</p> <p>Follow-Up/Homework:</p> <p style="text-align: center;">DeltaMath.</p>
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Tuesday	<p>Daily Objective: ALGR.1D Communicate mathematical ideas, reasoning, and their implications using multiple representations, including symbols, diagrams, graphs, and language as appropriate.</p> <p>Agenda with Approximate Time Limits:</p> <ol style="list-style-type: none">1.) Warm up: Rates Question (10 Min)2.) Dimensional Analysis and life posters (30 Min)3.) Summarize lesson and impact math has on life (10 Min) <p>Formative Assessment:</p> <p>Dimensional Analysis posters</p> <p>Modifications:</p> <p>Students will be able to work with each other and ask instructor for help.</p> <p>Intervention:</p> <p>Teacher will stop class if they recognize issues in the assignment</p> <p>Extension:</p> <p>Warm up and Summary of Lesson will ask thought provoking questions. Students who understand the material will be asked to assist those that do not.</p> <p>Follow-Up/Homework:</p> <p>Delta Math</p>
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Wednesday/Thursday	<p>Daily Objective: ALGR 1F Analyze mathematical relationships to connect and communicate mathematical ideas. ALGR.1D Communicate mathematical ideas, reasoning, and their implications using multiple representations, including symbols, diagrams, graphs, and language as appropriate.</p> <p>Agenda with Approximate Time Limits:</p> <ol style="list-style-type: none">1.) Warm up: Equations and Proportion Problems2.) Add/Subtract/Multiply/Divide Drills (20 Min)3.) Review (30 Min)4.) Exit Ticket Quizizz (20 Min) <p>Formative Assessment:</p> <p>Drills, Class notes, Exit Ticket</p> <p>Modifications:</p> <p>Notes will have step by step instructions on them and I will have online lessons if they need to review later.</p> <p>Intervention:</p> <p>Students will have multiple opportunities for intervention. They will have peer to peer interactions for support. In addition, I will walk around the students assisting the students who are not engaged. There will also be multiple assessments which will share with me which students struggle and which do not. If teacher is aware during the Quizizz multiple students are struggling with a type of problem teacher will intervene in small discussions or stop the game and teach everyone.</p> <p>Extension:</p> <p>Students who are excelling will be encouraged to assist those who are not.</p> <p>Follow-Up/Homework:</p> <p>DeltaMath, All notes will be due Friday</p>
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Friday	<p>Daily Objective: ALGR 1F Analyze mathematical relationships to connect and communicate mathematical ideas. ALGR.1D Communicate mathematical ideas, reasoning, and their implications using multiple representations, including symbols, diagrams, graphs, and language as appropriate.</p> <p>Agenda with Approximate Time Limits:</p> <p>1.) Test</p> <p>Formative Assessment:</p> <p>Test</p> <p>Modifications:</p> <p>Students will have their appropriate modifications.</p> <p>Intervention:</p> <p>Teacher will assist in explanation of questions.</p> <p>Extension:</p> <p>Exam</p> <p>Follow-Up/Homework:</p> <p>Finish up any pending assignments and turn in ASAP</p>