



# Westside High School Lesson Week 1

<b>Teacher Name</b>	<b>P. Anderson</b>	<b>Unit Name</b>	<b>Order of Operations</b>
<b>Course</b>	<b>Algebraic Reasoning</b>	<b>Dates</b>	<b>8/22 to 8/26</b>

<b>Monday</b>	<p><b>Daily Objective:</b> Get to Know Each Other.</p> <p><b>Agenda with Approximate Time Limits:</b></p> <ol style="list-style-type: none"><li>1.) Westside High School First Day of School activities (10 Min)</li><li>2.) Introducing the course (10 Min)</li><li>3.) Introduce myself (10 Min)</li><li>4.) First Day of School Questionnaire. (10 Min)</li></ol> <p><b>Formative Assessment:</b></p> <p>Students will present to each other.</p> <p><b>Modifications:</b></p> <p>Students will have notes that explain the course.</p> <p><b>Intervention:</b></p> <p>Students will share with their neighbors to help everyone become aware of what they are supposed to do.</p> <p><b>Extension:</b></p> <p>Students will be asked to join Delta Math</p> <p><b>Follow-Up/Homework:</b></p> <p>Students will be asked to find one interesting fact about one of the numbers they chose.</p>
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## Westside High School Lesson Week 1

<b>Tuesday</b>	<p><b>Daily Objective:</b> Students will Finish Get to Know Each Other.</p> <p><b>Agenda with Approximate Time Limits:</b></p> <ol style="list-style-type: none"><li>1.) Westside High School First Day of School necessary activities (10 Min)</li><li>2.) Introducing the course (10 Min)</li><li>3.) Introduce myself (10 Min)</li><li>4.) First Day of School Questionnaire. (10 Min)</li></ol> <p><b>Formative Assessment:</b></p> <p>Students will present to each other.</p> <p><b>Modifications:</b></p> <p>Students will have notes that explain the course.</p> <p><b>Intervention:</b></p> <p>Students will share with their neighbors to help everyone become aware of what they are supposed to do.</p> <p><b>Extension:</b></p> <p>Students will be asked to join Delta Math</p> <p><b>Follow-Up/Homework:</b></p> <p>Students will be asked to find one interesting fact about one of the numbers they chose.</p>
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## Westside High School Lesson Week 1

<b>Wednesday/Thursday</b>	<p><b>Daily Objective:</b> AR 1D Mathematical process standards. The student uses mathematical processes to acquire and demonstrate mathematical understanding.</p> <p><b>Agenda with Approximate Time Limits:</b></p> <ol style="list-style-type: none"><li>1.) Do Now -&gt; Answer and discuss methods towards solving the word problem (15 Min)</li><li>2.) Direct Instruction -&gt; Go over notes for PEMDAS Notes (30 Min)</li><li>3.) Guided Practice -&gt; Students will Present their group Problem (40 Min)</li><li>4.) Exit Ticket (5 Min)</li></ol> <p><b>Formative Assessment:</b></p> <p>Students will present problems as a means to illustrate what they know and do not know.</p> <p><b>Modifications:</b></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><b>Intervention:</b></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.</p> <p><b>Extension:</b></p> <p>I will have multiple platforms for those who are excelling like DeltaMath, as well as, a challenge problem.</p> <p><b>Follow-Up/Homework:</b></p> <p>DeltaMath</p>
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## Westside High School Lesson Week 1

<b>Friday</b>	<p><b>Daily Objective:</b> AR 1D Mathematical process standards. The student uses mathematical processes to acquire and demonstrate mathematical understanding.</p> <p><b>Agenda with Approximate Time Limits:</b></p> <ol style="list-style-type: none"><li>1.) Do Now-&gt; PEMDAS Question/ Review Homework. (10 Min)</li><li>2.) Guided Practice-&gt; PEMDAS Bingo (25 Min)</li><li>3.) Exit Ticket (5 Min)</li></ol> <p><b>Formative Assessment:</b></p> <p>Bingo Game</p> <p><b>Modifications:</b></p> <p>Students will have their notes and videos they can watch later if they are still struggling.</p> <p><b>Intervention:</b></p> <p>Students will have time to ask me and others if they are confused. As we play the game problems will be solved to help students see the correct process.</p> <p><b>Extension:</b></p> <p>I will have multiple platforms for those who are excelling like Delta Math, as well as, a challenge problem.</p> <p><b>Follow-Up/Homework:</b></p> <p>Finish Delta Math</p>



## Westside High School Lesson Week 2

<b>Teacher Name</b>	<b>P. Anderson</b>	<b>Unit Name</b>	<b>One Step Equation</b>
<b>Course</b>	<b>Algebraic Reasoning</b>	<b>Dates</b>	<b>8/29 to 9/2</b>

<b>Monday</b>	<p><b>Daily Objective:</b> ALGR.1D Communicate mathematical ideas, reasoning, and their implications using multiple representations, including symbols, diagrams, graphs, and language as appropriate.</p> <p><b>Agenda with Approximate Time Limits:</b></p> <ol style="list-style-type: none"><li>1.) Solve LTF Order of Operation Problems/ Substitution Problem followed by class discussion. (10 Min)</li><li>2.) Begin Class Notes. (15 Min)</li><li>3.) Students Present Problems. (15 Min)</li></ol> <p><b>Formative Assessment:</b></p> <p style="text-align: center;">Discussion/ Presenting Problems</p> <p><b>Modifications:</b></p> <p style="text-align: center;">Students will have completed notes if they are confused along with videos of the problems.</p> <p><b>Intervention:</b></p> <p style="text-align: center;">Students will share with the class and neighbors to help everyone become aware of the various techniques towards problem solving one step equation.</p> <p><b>Extension:</b></p> <p style="text-align: center;">Students will be asked to join IXL and help their classmates join IXL</p> <p><b>Follow-Up/Homework:</b></p> <p style="text-align: center;">Class Problems/ IXL</p>
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## Westside High School Lesson Week 2

<b>Tuesday</b>	<p><b>Daily Objective:</b> ALGR.1E Create and use representations to organize, record, and communicate mathematical ideas.</p> <p><b>Agenda with Approximate Time Limits:</b></p> <ol style="list-style-type: none"><li>1.) Warm up: Four Problems. (Will ask four struggling students to present their work) (5 Min)</li><li>2.) Discuss Concerns with Homework (5 Min)</li><li>3.) Begin Class Notes on Two Step Equations (15 Min)</li><li>4.) Students Present Two Step Equations (15 Min)</li></ol> <p><b>Formative Assessment:</b></p> <p>Students will present to each other.</p> <p><b>Modifications:</b></p> <p>Students will have notes that explain the course.</p> <p><b>Intervention:</b></p> <p>Students will share with their neighbors to help everyone become aware of the various techniques in 2 step equations. Warm up is a way of engaging students who are struggling with the material by having those who have moderate to high level abilities in the topic explaining it to those who do not with the instructor mediating the discussion.</p> <p><b>Extension:</b></p> <p>Stronger students help others improve.</p> <p><b>Follow-Up/Homework:</b></p> <p>Class Problems/IXL</p>
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## Westside High School Lesson Week 2

**Wednesday/Thursday**

**Daily Objective:** AIGR.1F Analyze mathematical relationships to connect and communicate mathematical ideas.

**Agenda with Approximate Time Limits:**

- 1.) Do Now -> LTF Unit 2 Question 5 (10 Min)
- 2.) Skill -> Distribution Property (15 Min)
- 3.) Direct Instruction -> Review for Test ( 25 Min)
- 4.) Guided Practice -> Quiz Work in Groups and Match (20 Min)
- 5.) Exit Ticket -> Present Quiz to Instructor (20 Min)

**Formative Assessment:**

Students will present problems as a means to illustrate what they know and do not know. Quiz will provide students with an opportunity to engage in the lesson in an alternative format.

**Modifications:**

Notes will have step by step instructions on them and I will have online lessons if they need to review later.

**Intervention:**

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. The Do Now will serve to engage in large group discussion, and the quiz will serve to engage in groups of four interaction.

**Extension:**

Students will engage in general class discussion followed by being exposed to specific problems they will encounter in the exam and concluding in a quiz which will encourage peer interaction in groups of 4 along with online options to assist if they prefer learning from videos in the evening.

**Follow-Up/Homework:**

DeltaMath Review



## Westside High School Lesson Week 2

<b>Friday</b>	<p><b>Daily Objective:</b> ALGR. 1G Display, explain, or justify mathematical ideas and arguments using precise mathematical language in written or oral communication.</p> <p><b>Agenda with Approximate Time Limits:</b></p> <p>Test</p> <p><b>Formative Assessment:</b></p> <p>Test</p> <p><b>Modifications:</b></p> <p>Students will have appropriate modifications based on accommodations</p> <p><b>Intervention:</b></p> <p>Instructor will monitor students during the exam.</p> <p><b>Extension:</b></p> <p>Test will have tiered problems so Instructor can be aware of strengths and weaknesses of students beyond just a score.</p> <p><b>Follow-Up/Homework:</b></p> <p>Students will be asked to fill out a form disclosing how they can improve next time on their exam</p>