

7th Grade Math (Unit 2): Expressions

Student Name: _____

NOTE: You will conference with the teacher after you have completed your Pretest Analysis form and begin working on your Pathway.

Graduation Competency 3: The student creates, interprets, uses and analyzes patterns of algebraic structures to make sense of problems.

Performance Indicator(s):

- a. Apply and extend previous understandings of arithmetic to algebraic expressions.
- d. Use properties of operations to generate equivalent expressions.
- e. Solve real-life and mathematical problems using numerical and algebraic expressions and equations.

Placement Assessment results (please ATTACH your analysis sheet): _____ Post Assessment results: _____

DOK Level to begin on for Performance Indicator: _____ Teacher Initials: _____

Academic Goal: _____

Career Goal: _____

<p>Learning Target I can identify the different parts of an expression. (K)</p>	<p>DOK 4 Extended Thinking and Reasoning</p>	<p>DOK 3 Strategic Thinking, Complex Reasoning</p>	<p>DOK 2 Skills and Concepts, Basic Reasoning -Complete One-</p> <ul style="list-style-type: none"> <input type="checkbox"/> Combining Like Terms Scavenger Hunt (Paper) <input type="checkbox"/> Combining Like Terms Pyramid (Paper) 	<p>DOK 1 Recall and Reproduction -Complete One-</p> <ul style="list-style-type: none"> <input type="checkbox"/> Different Parts of an Expression: <ul style="list-style-type: none"> -- Vocabulary booklet -- “Working with Variables and Expressions” on Odysseyware -- Algebraic Expressions PowerPoint <input type="checkbox"/> Combining Like Terms: <ul style="list-style-type: none"> -- Virtual Nerd Video (Must show notes to teacher) -- Online Combining Like Terms Game -- Color Sheet
<p>Learning Target I can write algebraic expressions. (PS)</p>	<p>DOK 4 Extended Thinking and Reasoning</p>	<p>DOK 3 Strategic Thinking, Complex Reasoning</p>	<p>DOK 2 Skills and Concepts, Basic Reasoning -Complete One-</p> <ul style="list-style-type: none"> <input type="checkbox"/> Lipstick Lady Worksheet <input type="checkbox"/> Online Writing Expressions Game <input type="checkbox"/> Group Activity: I Have, Who Has Activity 	<p>DOK 1 Recall and Reproduction -Complete-</p> <ul style="list-style-type: none"> <input type="checkbox"/> Direct Instruction with Cheat Sheet
<p>Learning Target I can write equivalent expression for given expressions. (PS)</p>	<p>DOK 4 Extended Thinking and Reasoning</p>	<p>DOK 3 Strategic Thinking, Complex Reasoning</p>	<p>DOK 2 Skills and Concepts, Basic Reasoning -Complete-</p> <ul style="list-style-type: none"> <input type="checkbox"/> Distributive Property Jeopardy (Groups) 	<p>DOK 1 Recall and Reproduction -Complete One-</p> <ul style="list-style-type: none"> <input type="checkbox"/> Complete “Expanding and Factoring Algebraic Expressions” on Odysseyware <input type="checkbox"/> Virtual Nerd Video (Must show notes to teacher)
<p>Learning Target I can evaluate algebraic expressions using properties of operations. (PS)</p>	<p>DOK 4 Extended Thinking and Reasoning</p>	<p>DOK 3 Strategic Thinking, Complex Reasoning -Complete-</p> <ul style="list-style-type: none"> <input type="checkbox"/> Calvin Error Analysis Sheet 	<p>DOK 2 Skills and Concepts, Basic Reasoning -Complete-</p> <ul style="list-style-type: none"> <input type="checkbox"/> Partner Match Evaluating Expressions (See teacher) 	<p>DOK 1 Recall and Reproduction -Complete One-</p> <ul style="list-style-type: none"> <input type="checkbox"/> Evaluating Expression With One Variable <input type="checkbox"/> Evaluating Expressions With Two Variables <input type="checkbox"/> Direct Instruction <input type="checkbox"/> “Evaluating Expressions” in Odysseyware

			<input type="checkbox"/> Evaluating Expressions Cut and Paste Matching	
			<input type="checkbox"/> Bingo	

Self-Reflection

Explain this Unit in your own words.

What did you do well in this Unit?

What are some things you still need to work on?

What are some things you would change about the assignments/activities?