Student Learning Map

> **Key Learning**: Students will understand that expressions are mathematical phrases, composed of variables and

Unit Essential Question: Some people view Algebra as the discovery and application of patterns. What are some patterns in Algebra and how might they be used?

Concept:	Concept:	Concept:
Use the rules for exponents to simplify monomials.	• Use the distributive property to find the sums, differences, and products of polynomials	• **Simplify radical expressions**

Lesson Essential Questions:	Lesson Essential Questions:	Lesson Essential Questions:
• Use properties to simplify monomial expressions	• Use the distributive property to find the sums, differences, and products of polynomials	• Write simplified algebraic expressions to represent perimeter and/or area • Simplify radical expressions

Vocabulary:		

Area   Evaluate Product
 	
Term Base Exponent
            Sum
 	
Distribute
	• Trinomial
	• Binomial Factor Simplify Variable Constant Polynomial
		Radical Like Terms Square Root
		
		Degree Monomial Standard Form Difference
		                Perimeter

Additional Information/Resources:

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Concept:	Concept:	Concept:	Concept:	Concept:

Lesson Essential Questions: •	Lesson Essential Questions: •	Lesson Essential Questions: •	Lesson Essential Questions: •	Lesson Essential Questions: •

Vocabulary: •	Vocabulary: •	Vocabulary: •	Vocabulary: •	Vocabulary: •