UNIT 1- LESSON PLANS

Class	Algebra 2	**Topic**	U1 – Algebraic expressions	**Lesson**	2	**Of**	6

Objective	Students will: • **Apply the properties of real numbers to simplify algebraic expressions.** • Produce an equivalent form of an expression. • **Interpret a word problem into an algebraic expression.**
"I Can" Statement	• I can rewrite an algebraic expression in a simplified way.

Common Core Standards	CCSS.Math.Content.HSA.SSE.A.1 Interpret expressions that represent a quantity in terms of its context. CCSS.Math.Content.HSA.SSE.A.2 Use the structure of an expression to identify ways to rewrite it. *For example, see $x^4 - y^4$ as $(x^2)^2 - (y^2)^2$, thus recognizing it as a difference of squares that can be factored as $(x^2 - y^2)(x^2 + y^2)$.* CCSS.Math.Content.HSA.SSE.B.3 Choose and produce an equivalent form of an expression to reveal and explain properties of the quantity represented by the expression.

Bell Work	Solve a quick quiz to refresh the concepts learnt in the properties of real numbers lessons.

Procedures	1. Start and lead student discussion related to the bell work. 2. Distribute the Guided Notes

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	3. Present lesson or play a video lesson. 4. Distribute Lesson Assignment. 5. Have students check each other's work.

Assessment	Assignment 1-2 How to interpret a word problem into an algebraic expression? How to rewrite an algebraic expression in a simplified form?

Additional Resources	**Regents Prep online quiz**