

Wauconda CUSD 118 | Math Curriculum Map Template

Grade Level: 7th

Unit Title: Simplify Algebraic Expressions

IDENTIFIED STANDARDS AND ESSENTIAL QUESTIONS	
Essential Question(s)	
1. Why is it beneficial to rewrite expressions in different forms?	
Illinois State Standards	
Priority Standards (NUMBER & LANGUAGE)	Supporting Standards
<p>7.EE.A. Use properties of operations to generate equivalent expressions.</p> <p>7.EE.A.1 Apply properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational coefficients.</p> <p>7.EE.A.2 Understand that rewriting an expression in different forms in a problem context can shed light on the problem and how the quantities in it are related. For example, $a + 0.05a = 1.05a$ means that “increase by 5%” is the same as “multiply by 1.05.”</p>	
Priority Instructional Objectives	Supporting Instructional Objectives
<p>I can simplify algebraic expressions by identifying and combining like terms.</p> <p>I can use different methods to add linear expressions.</p> <p>I can use different methods to subtract linear expressions.</p> <p>I can use GCF to factor linear expressions.</p> <p>I can combine operations to simplify linear expressions.</p>	

Core Resources	Enrichment/Extensions/Interventions
McGraw Hill Reveal Math (Physical and Digital)	ALEKS Program: Individualized Learning Pathways