Wauconda CUSD 118 | Math Curriculum Map Template
Grade Level: 6th

Unit Title: Fractions, Decimals, and Percents

IDENTIFIED STANDARDS AND ESSENTIAL QUESTIONS
Essential Question(s)
1. **How can you use fractions, decimals, and percents to solve everyday problems?**

Illinois State Standards	
Priority Standards (NUMBER & LANGUAGE)	**Supporting Standards**
6.RP.A Understand ratio concepts and use ratio reasoning to solve problems. 6.RP.A.3 Use ratio and rate reasoning to solve real-world and mathematical problems, e.g., by reasoning about tables of equivalent ratios, tape diagrams, double number line diagrams, or equations. 6.RP.A.3.C.. Find a percent of a quantity as a rate per 100 (e.g., 30% of a quantity means 30/100 times the quantity); solve problems involving finding the whole, given a part and the percent.	
Priority Instructional Objectives	**Supporting Instructional Objectives**
I Can: ● Understand the meaning of a percent as a rate per 100, and model percents using a 10 x 10 grids and bar diagrams ● Understand that percents can be greater than 100% or less than 1%	

and use 10 x 10 grids and bar diagrams to represent them
- Relate fractions, decimals, and percents by using place-value reasoning and understanding a percent as a ratio that compares a number to 100
- Find the percent of a number by reasoning about percent as a rate per 100 and by using bar diagrams, ratio tables, equivalent ratios, and double number lines
- Estimate the percent of a number by using benchmark percents and rounding
- Find the whole, given the part and the percent by using bar diagrams, ratio tables, double number lines, and equivalent ratios

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