Westwood Public Schools Mathematics Learning Standards: Grade 2

Problem Solving:

- Select and use a variety of strategies to estimate quantities, measurements and reasonableness of answers.
- Recognize real world connections of math concepts and operations.
- Select and use appropriate operation(s) to solve a problem.
- Use multiple strategies including conventional algorithms, pictures, models, words, etc. to interpret and solve math problems.
- Explain problem-solving strategies through discussion, writing, pictures, models, etc.

Number Sense and Operations	**Patterns, Relations and Algebra**	**Geometry**	**Measurement**	**Data Analysis, Statistics and Probability**
Name, write and order whole numbers to one thousand, identify place values of digits	Identify patterns on the hundreds chart	Identify, describe, draw and compare 2 dimensional shapes	Tell time at quarter hour intervals on clock	Use interviews, surveys and observations to gather data
Identify and distinguish multiple uses of numbers (cardinal, ordinal, labels, measurements)	Describe and create addition and subtraction patterns (1, 4, 7, 10… or 24, 22, 20)	Recognize congruent shapes	Measure and compare lengths of common objects using Metric and English units	Organize, classify, represent and interpret data using a variety of methods
Identify and represent common fractions (1/2, 1/3, 1/4) as parts of wholes	Skip count by 2's, 5's and 10's to 50 starting at any number	Identify shapes that have been turned, flipped, slid and enlarged. Describe direction of translation	Select and correctly use appropriate measurement tools	Formulate inferences and make educated guesses about a situation based on data
Compare whole numbers using terms and symbols (<, >, =)	Construct and solve open sentences (Δ+ 7=10)	Identify symmetry in 2 dimensional shapes	Make and use estimates of measurements	Decide which outcomes of experiments are most likely
Identify odd and even numbers	Write number sentences to represent math relationships in everyday situations	Relate geometric ideas to number (recognize rows in array as model of repeated addition)		
Recognize and represent amounts of money using coins and bills in multiple ways				
Demonstrate an understanding of various meanings of addition and subtraction				

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Understand and use inverse relationship between addition and subtraction				
Know addition and related subtraction facts to twenty and use to solve more complex problems				