

## Westwood Public Schools Mathematics Learning Standards: Grade K

### 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.

<b>Number Sense and Operations</b>	<b>Patterns, Relations and Algebra</b>	<b>Geometry</b>	<b>Measurement</b>	<b>Data Analysis, Statistics and Probability</b>
Count by ones up to at least 20	Identify attributes such as color, shape, size and number to sort and classify objects	Name, describe, sort and draw simple 2 dimensional shapes	Compare measurements of objects using appropriate language (longer, heavier...)	Collect, sort, organize and draw conclusions about data using concrete objects, pictures, numbers, graphs
Match quantities up to 10 with numerals, words and pictures	Describe, create and represent simple repeating patterns	Name and compare simple 3 dimensional shapes	Make and use estimates of measurement using everyday experiences	
Identify objects in positions (first, second ...)	Count by 5's and 10's up to 50	Describe relative position of objects using appropriate language (inside, next to)	Use nonstandard units to measure length, area, weight and capacity	
Compare two sets of objects using appropriate language (more, less, etc.)				
Understand concepts of whole and half				
Identify US coins by name				
Begin to use objects and pictures to add and subtract				
Practice estimating the number of objects in a group				

