Willington Public Schools
Grade 4
End of Trimester 3
Math Performance Expectations

Operations & Algebraic Thinking	***Represent and solve problems involving multiplication and division*** ● Use the four operations with whole numbers to solve problems ***Solve multi step word problems involving a variable*** ● Solve multi step word problems using the four operations ***Gains familiarity with factors and multiples*** ● Generate a number pattern based on a given rule (in and out boxes)
Numbers & Operations in Base Ten	***Understands Place Value up to one million*** ● Taught in trimester 1 ***Rounds numbers to any place value*** ● Taught in trimester 1 ***Fluency of whole numbers up to 4-digits in multiplication and division*** ● Multiply a whole number up to four digits by a one-digit whole number, and multiply two two-digit numbers ● Divide a whole number by a one-digit divisor and solve for quotients with remainder
Numbers & Operations – Fractions	***Understands, find, and solves equivalent fractions and ordering fractions*** ● Trimester 2 ***Builds fractions from unit fractions*** ● Trimester 2 ***Add and subtracts fractions*** ● Trimester 2 ***Multiplies fractions***

	Understands decimal notations for fractions, and compare decimal fractions. ● Compares decimals to hundredths ● Use decimal notation for fractions with denominator 10 or 100
Measurement & Data	***Solve problems involving measurement and conversion of measurement*** ● Know relative size of metric and customary measurements including conversion ● Solve word problems involving measurement ***Solves area and perimeter problems*** ● For rectangles in real world problems ***Draw and interpret data*** ● Make a line plot to display a data set of measurements in fractions of a unit. Solve problems using information presented on line plots. ***Geometric measurement:understands concepts of angles and measuring angles*** ● Understand concepts of angle measurement ● Measure angles in whole-number degrees using a protractor. Sketch angles of specified measure. ● Decompose angles
Geometry	***Draws and identifies lines and angles, and classify shapes by properties of their lines and angles*** ● Taught trimester 1