

Willington Public Schools
Grade 1
End of Trimester 3
Math Performance Expectations

<p style="text-align: center;">Operations and Algebraic Thinking</p>	<p>Represents/Solves Word Problems Involving Addition And Subtraction</p> <ul style="list-style-type: none"> ● Models, writes and solves addition problems. ● Models, writes and solves subtraction problems. ● Adds three or more 1-digit numbers. ● Solves problems involving money. <p>Understands/Applies Properties And Strategies To Add And Subtract</p> <ul style="list-style-type: none"> ● Solves an unknown part in an addition or subtraction problem. <p>Adds And Subtracts Within 20</p> <ul style="list-style-type: none"> ● Uses the “turnaround” idea (commutative property) to solve related addition facts. ● Writes a “family” of facts to model situations that show two parts. ● Doubles numbers from 1 to 10 and writes related addition sentences. ● Demonstrates fluency for addition and subtraction within 10. ● Solves addition problems to 20 using the following strategies: <ol style="list-style-type: none"> 1. counting on (1, 2, or 3 more) 2. doubles (4+4) 3. doubles plus 1 (4+5) 4. doubles plus 2 (4+6) 5. number patterns 6. making ten <p>Works With Addition And Subtraction Equations</p> <ul style="list-style-type: none"> ● Uses and interprets the +, - and = sign. ● Is able to determine whether addition and subtraction equations are true or false. (examples: $7-5=2$ is true, $4+1=5+2$ is false)
<p style="text-align: center;">Numbers & Operations in Base 10</p>	<p>Count To 120, Starting At Any Number, Counting By 1’s, 2’s, 5’s And 10’s</p> <ul style="list-style-type: none"> ● Counts, reads and writes numerals to 120. ● Counts and writes by 2’s to 120. ● Counts and writes by 5’s to 120. ● Counts and writes by 10’s to 120. ● Labels a number of objects with a written numeral. ● Recognize, name, tell the value, and count like multiples of the penny, nickel, dime and quarter to \$1.20. <p>Understands Place Value By Being Able To Represent Tens And Ones</p> <ul style="list-style-type: none"> ● Compares two-digit numerals based on meanings of the tens and ones digits using the symbols, <, = or >. ● Orders numbers from least to greatest up to 120. ● Understands that a group of tens and ones represent a two-digit number. ● Rounds numbers to the nearest 10 up to 120. <p>Uses Place Value Understanding To Add/Subtract</p> <ul style="list-style-type: none"> ● Models and writes numbers that are 1 or 10 more/less than a given two-digit number. ● Add or subtract a 2 digit number with a multiple of ten. ● Add or subtract a 2 digit number with a 1 digit number.
<p style="text-align: center;">Measurement & Data</p>	<p>Measures/Compares And Orders Length</p> <ul style="list-style-type: none"> ● Compares the lengths of objects, telling what was longest and shortest.

	<ul style="list-style-type: none"> ● Measures length with multiple copies of the same non-standard unit, laying objects end to end, with no gaps or overlaps. ● Begins to measure the length of objects using inch rulers. <p>Tells And Writes Time To The Hour And Half Hour</p> <ul style="list-style-type: none"> ● Using an analog and digital clock, can show time to the hour and half hour. ● Can draw minute and hour hands correctly on an analog clock. ● Writes time to the hour and half hour, using numbers and words (7 o'clock or half past 7). <p>Represents And Interprets Data</p> <ul style="list-style-type: none"> ● Uses tally marks to organize, represent and interpret data with up to three categories. ● Answers questions about data in a tally chart. ● Determines how many more or less are in one category than in another.
Geometry	<p>Reason With Shapes and Their Attributes</p> <ul style="list-style-type: none"> ● Describes, names, sorts and compares the attributes of 2 and 3 dimensional shapes. ● Joins 2D and 3D shapes to create a new shape. ● Partitions circles and rectangles into 2 or 4 equal shares and describes the shares as halves, fourths and quarters.
Communicates And Makes Connections Between Mathematical Ideas	<ul style="list-style-type: none"> ● Communicates mathematical ideas orally and in writing. ● Uses objects or diagrams to represent mathematical ideas. ● Makes connections between mathematical ideas. ● Applies correct strategies to solve problems. ● Makes multiple attempts to solve problems, without giving up.