Grade 1 Math Proficiency Scale T1

	Novice "1"	Approaching "2"	Proficient "3"	Advanced "4"
Communication MP 3 & 6	Practices asking questions and explaining thinking; and making sense of the mathematical thinking of others.	Asks questions and explains thinking; works to make sense of the mathematical thinking of others with prompts and support.	Asks questions and explains thinking; and makes sense of the mathematical thinking of others.	Asks questions and explains ideas clearly, constructs viable arguments and critiques the reasoning of others.
Critical Thinking MP 1, 2, 4, 5, 7, 8	Participates in creating questions, gathering information, and understanding connections; and looking for structure to make sense of problems.	Creates basic questions, gathers information, and understands connections; and begins to reason abstractly and quantitatively to look for structure and make sense of problems, attends to precision and perseveres in finding a solution.	Creates questions, gathers information, and understands connections; and reasons abstractly and quantitatively to find structure and make sense of problems, attends to precision and perseveres in finding a solution.	Creates questions, gathers information, and understands connections between parts of a system, and patterns including repeated reasoning; and reasons abstractly and quantitatively to find structure and make sense of problems; and attends to precision and perseveres in finding a solution and reflects upon the thinking process
Geometry			This category is not adequately assessed in this trimester.	
Measurement & Data 1.MD.4	Practices reading graphs and participates in guided discussions regarding the graphs.	Reads a graph and answers basic questions about the data.	Reads a graph and answers questions about the data.	Not applicable at this time.

Number & Operations in Base Ten 1.NBT.1, 3	Practices counting by ones and by tens to 30; and reading and writing numbers to 30; and comparing two numbers using terms such as more or less.	Counts by tens, reads and writes numbers, up to 30; and compares two numbers using the greater than, less than, and equal symbols with visual support.	Counts by tens, reads and writes numbers, up to 60; and compares two numbers using the greater than, less than, and equal symbols.	Counts by tens, reads and writes numbers, up to 60; and compares two numbers using the greater than, less than, and equal symbols; and shows in-depth inferences and application.
Operations & Algebraic Thinking 1.OA.1, 2, 8	Practices counting to add and to subtract; and practices solving addition and subtraction story problems to 5.	Solves addition and subtraction story problems to 10 with visual support; and uses counting to add and subtract.	Solves addition and subtraction story problems to 10; and uses a counting strategy to add and subtract; and finds the unknown number in an addition equation.	Solves addition and subtraction story problems to 10; and adds and subtracts within 20 using counting on or other high-level strategies; and finds the unknown number in an addition equation; and shows in-depth inferences and application.

Grade 1 Math Proficiency Scale T2

	Novice "1"	Approaching "2"	Proficient "3"	Advanced "4"
Communication MP 3 & 6	Practices asking questions and explaining thinking; and making sense of the mathematical thinking of others.	Asks questions and explains thinking; works to make sense of the mathematical thinking of others with prompts and support.	Asks questions and explains thinking; and makes sense of the mathematical thinking of others.	Asks questions and explains ideas clearly, constructs viable arguments and critiques the reasoning of others.
Critical Thinking MP 1, 2, 4, 5, 7, 8	Participates in creating questions, gathering information, and understanding connections; and looking for structure to make sense of problems.	Creates basic questions, gathers information, and understands connections; and begins to reason abstractly and quantitatively to look for structure and make sense of problems, attends to precision and perseveres in finding a solution.	Creates questions, gathers information, and understands connections; and reasons abstractly and quantitatively to find structure and make sense of problems, attends to precision and perseveres in finding a solution.	Creates questions, gathers information, and understands connections between parts of a system, and patterns including repeated reasoning; and reasons abstractly and quantitatively to find structure and make sense of problems; and attends to precision and perseveres in finding a solution and reflects upon the thinking process
Geometry 1.G.1, 2, 3	Practices identifying, describing, and combining 2 & 3 dimensional shapes; and dividing circles and rectangles into two or four equal parts.	Identifies, describes, and combines 2 & 3 dimensional shapes; and divides circles and rectangles into two or four equal parts.	Identifies, describes, and combines 2 & 3 dimensional shapes; and divides circles and rectangles into two or four equal parts, describing the parts using words like *halves, half of, fourths, quarters, and a fourth of.*	Identifies, describes, and combines 2 & 3 dimensional shapes; and divides circles and rectangles into two or four equal parts, describing the parts using words like *halves, half of, fourths, quarters, and a fourth of*; and shows in-depth inferences and application.

Measurement & Data 1.MD.4	Practices reading graphs and participates in guided discussions regarding the graphs.	Reads a graph and answers basic questions about the data.	Reads a graph and answers questions about the data.	Not applicable at this time.
Number & Operations in Base Ten 1.NBT.1, 5, 6	Practices counting by tens, reading and writing numbers up to 60; and comparing two digit numbers using the greater than, less than, and equal symbols; and adding and subtracting two-digit numbers that are multiples of 10; and finding 10 more or 10 less than various 2-digit numbers.	Counts by tens, reads and writes numbers, up to 60; and uses settings to compare two-digit numbers using the greater than, less than, and equal symbols; and using settings to add and subtract two-digit numbers that are multiples of 10; and finds 10 more or 10 less than various 2-digit numbers.	Counts by tens, reads and writes numbers, up to 120; and compares and adds and subtracts two-digit numbers that are multiples of 10; and finds 10 more or 10 less than various 2-digit numbers.	Counts by tens, reads and writes numbers, up to 120; and compares and adds and subtracts two-digit numbers that are multiples of 10; and finds 10 more or 10 less than various 2-digit numbers *of*; and adds and subtracts within 100 using mental strategies; and shows in-depth inferences and application.
Operations & Algebraic Thinking 1.OA.1, 6, 8	Practices counting on to add and counting back to subtract; and solving addition and subtraction story problems to 10; and finding the unknown number in an equation.	Solves addition and subtraction story problems to 10; and counts on to add and counts back to subtract; and finds the unknown number in an addition equation.	Demonstrates fluency with addition and subtraction facts to 10; and solves addition and subtraction story problems to 14; and finds the unknown number in addition and subtraction equations.	Demonstrates fluency with addition and subtraction facts to 20; and solves addition and subtraction story problems to 20; and finds the unknown number in addition and subtraction equations and shows in-depth inferences and application.

Grade 1 Math Proficiency Scale T3

	Novice "1"	Approaching "2"	Proficient "3"	Advanced "4"
Communication MP 3 & 6	Practices asking questions and explaining thinking; and making sense of the mathematical thinking of others.	Asks questions and explains thinking; works to make sense of the mathematical thinking of others with prompts and support.	Asks questions and explains thinking; and makes sense of the mathematical thinking of others.	Asks questions and explains ideas clearly, constructs viable arguments and critiques the reasoning of others.
Critical Thinking & MP 1, 2, 4, 5, 7, 8	Participates in creating questions, gathering information, and understanding connections; and looking for structure to make sense of problems.	Creates basic questions, gathers information, and understands connections; and begins to reason abstractly and quantitatively to look for structure and make sense of problems, attends to precision and perseveres in finding a solution.	Creates questions, gathers information, and understands connections; and reasons abstractly and quantitatively to find structure and make sense of problems, attends to precision and perseveres in finding a solution.	Creates questions, gathers information, and understands connections between parts of a system, and patterns including repeated reasoning; and reasons abstractly and quantitatively to find structure and make sense of problems; and attends to precision and perseveres in finding a solution and reflects upon the thinking process
Geometry 1.G.1, 2, 3	Practices identifying, describing, and combining 2 & 3 dimensional shapes; and dividing circles and rectangles into two or four equal parts.	Identifies, describes, and combines 2 & 3 dimensional shapes; and divides circles and rectangles into two or four equal parts.	Identifies, describes, and combines 2 & 3 dimensional shapes; and divides circles and rectangles into two or four equal parts, describing the parts using words like *halves, half of, fourths, quarters, and a fourth of*.	Identifies, describes, and combines 2 & 3 dimensional shapes; and divides circles and rectangles into two or four equal parts, describing the parts using words like *halves, half of, fourths, quarters, and a fourth of*; and shows in-depth inferences and application.

Measurement & Data 1.MD.1-6	Practices comparing and ordering the length of objects; and constructing graphs and answering data questions; and telling and writing time to the hour; and identifying the names and value of the dollar bill and standard coins.	Compares and orders the length of three objects; measuring with non-standard units; and constructs graphs and answers some data questions; and tells and writes time to the half-hour using digital; and identifies the names and value of the dollar bill and most standard coins, counting several combinations up to one dollar.	Compares and orders the length of three objects; measuring with non-standard units; and constructs graphs and answers data questions; and tells and writes time to the half-hour using analog and digital; and identifies the names and value of the dollar bill and standard coins, counting combinations up to one dollar.	Compares and orders the length of three objects; measuring with non-standard units; and constructs graphs and answers data questions; and tells and writes time to the half-hour using analog and digital; and identifies the names and value of the dollar bill and standard coins, counting combinations up to one dollar; and shows in-depth inferences and application.
Number & Operations in Base Ten 1.NBT.1-6	Practices counting by tens, reading and writing numbers up to 100; and comparing two digit numbers using the greater than, less than, and equal symbols; and adding and subtracting two-digit numbers that are multiples of 10; and finding 10 more or 10 less than various 2-digit numbers.	Counts by tens, reads and writes numbers, up to 120; and compares and adds and subtracts two-digit numbers that are multiples of 10; and finds 10 more or 10 less than various 2-digit numbers.	Counts by tens, reads and writes numbers, and can represent a number of objects up to 120; and compares and adds two-digit numbers using and explaining two different strategies; and subtracts two-digit numbers that are multiples of 10 using and explaining two different strategies.	Counts by tens, reads and writes numbers, and can represent a number of objects up to 120; and compares and adds two-digit numbers using and explaining two different strategies; and subtracts two-digit numbers that are multiples of 10 using and explaining two different strategies; and adds and subtracts within 100 using mental strategies; and shows in-depth inferences and application.
Operations & Algebraic Thinking 1.OA.3, 6	Practices counting on to add and counting back to subtract; and solving addition and subtraction story problems to 10; and finding the unknown number in an equation.	Demonstrates fluency with addition and subtraction facts to 10; and solves addition and subtraction story problems to 14; and solves subtraction combinations using related addition facts.	Demonstrates fluency with addition and subtraction facts to 10; and solves addition and subtraction story problems to 20; and understands the commutative and associative properties of addition.	Demonstrates fluency facts to 10; and solves addition and subtraction story problems beyond 20; and understands the commutative and associative properties of addition, using multiple strategies and choosing the most efficient to solve; and shows in-depth inferences and application.