

W.L. Morse Elementary School
Grade 2 Mathematics
Trimester 1 Curriculum Map

	September-October	October- November	November-December
Unit	Operations and Algebraic Thinking/ Numbers in Base Ten Addition and Subtraction	Operations and Algebraic Thinking/ Numbers in Base Ten Addition and Subtraction	Numbers and Operations in Base Ten Place Value Addition
Essential Questions	How can we use number lines to help us count, add, and subtract numbers? How can we represent numbers using objects, words, and symbols? How can we use addition and/or subtraction to solve real world problems involving, joining, separating, part-part-whole, and comparing? How can the strategies of counting on 1,2 or 3 make finding a sum easier? How can using a known addition fact help to solve other addition problems?	How can we use number lines to help us count, add, and subtract numbers? What strategies can I use to help me add numbers? How can the strategies of counting back 1,2 or 3 make finding a difference easier? How can we use our knowledge of addition to help us subtract? How can knowing fact families help us with mental math?	How can numbers be shown and compared? How can sums be found mentally?
Academic Vocabulary	join, sum, more, fewer, part, whole, add, sum, addition, plus sign (+), equals (=), subtract, difference, subtraction, minus (-), separate, related, fact family, doubles, near doubles, addend, number sentence	join, sum, more, fewer, part, whole, add, sum, addition, plus sign (+), equals (=), subtract, difference, subtraction, minus (-), separate, related, fact family, doubles, near doubles, addend, number sentence, array	< less than, > greater than, = equal to mental math, tens digit, next ten
Skills	<ul style="list-style-type: none"> • Read number stories to understand what it is asking and choose the appropriate operation to solve • Create, model and solve addition and subtraction number stories • Write addition and subtraction number sentences • Use the relationship between addition and subtraction to create equivalent but easier or known sums • Add two one digit numbers fluently • Use the count on strategy to add 1,2 or 3 • Add doubles and use known double facts to help add numbers that differ by 1 or 2 	<ul style="list-style-type: none"> • Add and subtract whole numbers within 100 using a number line • Solve problems with three addends • Make a ten to add (example 13+8) • Use the count back strategy to subtract 1,2, or 3. • Understand the relationship between addition and subtraction • Write a “family” of related addition and subtraction facts • Use repeated addition to begin understanding multiplication 	<ul style="list-style-type: none"> • Group objects into tens and ones to show two digit numbers • Read and write number words • Compare two digit numbers using symbols • Identify and write numbers that are one before and one after a given number • Count on and count back to identify missing numbers • Identify and write numbers that are 10 more and 10 less than given numbers • Identify even and odd numbers • Use data from a chart to solve problems
CCLS	2.OA.2, 2.NBT.5, 2.OA.1, 2.OA.2, 2.NBT.5, 2.NBT.9	2.OA.1, 2.OA.2, 2.NBT.5, 2.NBT.9, 2.OA.4	2.NBT.1, 2.NBT.1a, 2.NBT.2, 2.NBT.3, 2.NBT.4, 2.NBT.5, 2.NBT.6, 2.NBT. 7, 2.NBT.9, 2.OA.1, 2.OA.3