

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

	September	October	November
Unit	Operations and Algebraic Thinking: Addition	Operations and Algebraic Thinking: Subtraction	Operations and Algebraic Thinking: Addition and Subtraction
Essential Questions	<ul style="list-style-type: none"> ● What are ways to think about addition? ● Can I recognize a pattern arrangement of a number without counting? ● Can I find the parts to make the numbers 6-9? ● Can I write a number sentence to show parts and the whole? 	<ul style="list-style-type: none"> ● How can I find the missing part when I know the other part and the whole? ● How can I compare two quantities to find how much more/less one quantity is than the other quantity? ● How can numbers to ten be shown using 5 and some more? ● How do I find the missing part with a total of 10? ● How can I use a table to solve word problems? 	<ul style="list-style-type: none"> ● What strategies can be used to find the answers to addition and subtraction facts? ● How can I use the count on strategy to solve addition problems? ● How can I use double facts to find the total in addition? ● How can I use a double to solve near double facts? ● How can I use a 10-frame to help solve addition facts? ● How can I use “less than” to compare two numbers? ● How are addition and subtraction related? ● How can I draw a picture to help solve a word problem? ● What other strategies can be used to find addition facts? ● How can we use near double facts to find a total? ● How can we use the answer to one problem to find the answer to the second problem?
Academic Vocabulary	part, whole, addend, in all, inside, outside, double, plus (+), add, sum, addition sentence, equals, join, order	Missing part, subtract, difference, subtraction sentence, minus sign, equal sign, take away, compare, same amount, near double, less than	Doubles, count-on, near double, 2 less than, 1 less than, 0 less than, Doubles plus 1, doubles plus 2
Skills	<ul style="list-style-type: none"> ● Recognize two part spatial 	<ul style="list-style-type: none"> ● Solve problems by finding the missing 	<ul style="list-style-type: none"> ● Count on to add starting with the greater

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	<p>patterns of numbers.</p> <ul style="list-style-type: none"> ● Recognize parts of a number as a strategy for addition. ● Recognize parts of the number 6-9. ● Write addition expressions and number sentences to find the whole, given two parts. ● Write addition sentences to solve stories about joining. ● Learn to add in any order. ● Use objects to solve story problems. 	<p>part.</p> <ul style="list-style-type: none"> ● Find a missing part of 8 and 9 when one part is known. ● Write and solve subtraction and number sentences. ● Tell and act out stories about taking away to find how many are left. ● Tell and act out comparing stories to find how two groups are different. ● Find the missing part when one part and the whole are given. ● Write subtraction sentences to represent different kinds of subtraction stories. ● Write related addition and subtraction facts. ● Write and identify different subtraction sentences that are true for the same model. ● Use counters to act out and solve subtraction story problems. ● Use counters and a 10 frame to model numbers up to 10. ● Learn to recognize numbers on a 10-frame, noting the relationship of those numbers to 5 and 10. ● Show 10 as 2 parts. ● Use counters and a part-part whole mat to find missing parts of 10. ● Make tables to solve problems. 	<p>number.</p> <ul style="list-style-type: none"> ● Recognize doubles as a strategy to remember sums. ● Use doubles to find near double facts. ● Use a 10-frame to write addition facts with 5. ● Use 2 10-frames to model addition facts. ● Master concepts of 0 less than, 1 less than, and 2 less than when subtracting 0, 1, or 2. ● Use doubles addition facts to master related subtraction facts. ● Understand how addition facts to 8 relate to subtraction facts to 8. ● Write related addition and subtraction facts to 12. ● Draw a picture to solve addition story problems ● Recognize the double relationship and use it as a strategy for remembering addition facts with two like addends. ● Master the addition facts where the addends are one apart. ● Master the addition facts where the addends are two apart. ● Solve two question problems by using the answer to the first question to answer the second question. ● Master addition facts where one addend is close to 10. ● Master addition facts where one addend is 9. ● Master addition facts where one addend is 8.
CCLS	1.OA.1, 1.OA.7, 1.OA.8, 1.OA.3, 1.OA.4, 1.OA.5, 1.OA.6	1.OA.1, 1.OA.4, 1.OA.6, 1.OA.7, 1.OA.8, 1.OA.5	1.OA.1, 1.OA.2, 1.OA.7, 1.OA.8, 1.OA.3, 1.OA.4, 1.OA.5, 1.OA.6

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