# TUPELO
## PUBLIC SCHOOL DISTRICT

1st Grade Math
1st 9 Weeks Parent Syllabus

Listed below are learning targets your child will be expected to understand and perform. Also included is the vocabulary that will be used in the classroom both verbally and in writing.

| Students Will be Able to: | Vocabulary |
|---|---|
| ● Solve addition and subtraction word problems within 10.<br><br>● Solve addition and subtraction facts with unknowns in all positions.<br><br>● Use various strategies to solve for unknowns in word problems (using objects, drawings, and equations).<br><br>● Use symbols for unknown numbers in number sentences.<br><br>● Model with mathematics to solve and justify word problems.<br><br>● Write an equation using a symbol to represent an unknown number in a problem.<br><br>● Model with mathematics to solve and justify answers.<br><br>● Add within 20 using various strategies.<br><br>● Look for and make use of structure (e.g., 7 + 3 = 3 + 7).<br><br>● Use addition strategies to solve subtraction number sentences (e.g., counting on, making a ten).<br><br>● Represent an unknown subtraction number sentence as an unknown addition number sentence (e.g., 10 - 2 =? as 2 + ? = 10).<br><br>● Start with any given number and count forward to add (within 20). | add<br>sum<br>plus<br>equation<br>equals<br>part<br>whole<br>difference<br>subtract<br>addend<br>make 10<br>fact family<br>related facts<br>count on<br>addition<br>subtraction<br>number line<br>open number line<br>doubles fact<br>near doubles fact<br>double plus 1<br>equal sign |

- Model counting on for addition and counting back for subtraction, using a number line.

- Understand and make use of the structure of the number system.

- Fluently add and subtract within 10.

- Use strategies such as: counting on, making 10, decomposing a number leading to 10, using inverse operations, and creating equivalent facts (e.g., doubles + 1) to solve addition facts within 20.

- Use properties of addition.

- Know all number pairs that equal 10.

- Solve for an unknown number in any position in an addition equation within 20.

- Apply the inverse operation to solve for an unknown number.