1st Grade Math Skills Checklist
Operations & Algebraic Thinking
____ Represent and solve problems involving addition and subtraction.
    Use addition and subtraction within 20 to solve word problems
    Solve word problems that call for addition of three whole numbers whose sum
            is less than or equal to 20,
____ Understand and apply properties of operations and the relationship between
    addition and subtraction.
    Apply properties of operations as strategies to add and subtract
    Understand subtraction as an unknown-addend problem
___ Add and subtract within 20.
    Relate counting to addition and subtractionAdd and subtract within 20,;
___ Work with addition and subtraction equations.
    Understand the meaning of the equal sign
    Determine the unknown whole number in an addition or subtraction equation

Number & Operations in Base Ten
___ Extend the counting sequence to 120.
___ Understand place value.
    Understand that the two digits of a two-digit number represent amounts of tens and ones
    Compare two two-digit numbers based on meanings of the tens and ones digits,
___Use place value understanding and properties of operations to add and subtract.
    Add within 100
    Given a two-digit number, mentally find 10 more or 10 less than the number,
    Subtract multiples of 10 in the range 10-90

Measurement & Data
___ Measure lengths indirectly and by iterating length units.
    Order three objects by length; compare the lengths of two objects indirectly
    Express the length of an object as a whole number of length units
___ Tell and write time in hours and half-hours using analog and digital clocks.
___Represent and interpret data.
    Organize, represent, and interpret data with up to three categories

Geometry
___Reason with shapes and their attributes.
     Distinguish between defining attributes versus non-defining attributes ;
    Build and draw shapes to possess defining attributes.
    Compose two-dimensional or three-dimensional shapes
    Partition circles and rectangles into two and four equal shares