

SKILL-BASED MATH CHECKLIST

Grade 1

Name of Student_____

Name of Teacher_____ Date Completed_____

Please evaluate the student's skills in math based on the Common Core Standards below.

List some of the student's **strengths** in the classroom in the area of math:

-
-
-
-

Operations and Algebraic Thinking

	Insufficient Skills	Skills Emerging	Skill Mastered	Not Yet Taught
Can solve addition word problems up to 20 in a way that makes sense to him or her.				
Can solve subtraction word problems up to 20 in a way that makes sense to him or her.				
Can write an equation using the correct symbols to solve word problems up to 20.				
Can solve addition story problems with three numbers up to 20 using a symbol, box, or letter for the missing addend.				
Can add in ways that make sense to him or her.				
Can subtract in ways that make sense to him or her.				
Can add two numbers in any order to get the same sum.				
Can use addition facts to subtract.				
Can choose objects or draw a picture to show counting on as addition.				
Can choose objects or draw a picture to show counting back as subtraction.				
Can count on from a given number to add.				
Can count back from a given number to subtract.				
Can add numbers up to 20 in many different ways.				
Can subtract numbers up to 20 in many different ways.				
Can fluently solve addition up to 10.				
Can fluently solve subtraction up to 10.				
Can explain that the equal sign means "the same as"				
Can determine whether an addition or subtraction number sentence is true or false.				
Can prove an addition or subtraction problem is true or false with the equal sign in any position.				
Can find the missing number in an addition sentence (equation).				
Can find the missing number in a subtraction sentence (equation).				

Number and Operations in Base Ten

	Insufficient Skills	Skills Emerging	Skill Mastered	Not Yet Taught
Can start at any number and count to 120.				
Can read numbers from 0 to 120.				
Can write numbers from 0 to 120.				
Can count, tell, and write how many objects are in a group.				
Can tell/show the number of tens and ones in any two-digit number.				
Can tell what each digit means in a two-digit number.				
Can group objects into tens and ones, and tell what number it represents.				
Can bundle ten ones and know it is called a "ten".				
Can compare two two-digit numbers based on the meaning of the ones digit.				
Can compare two two-digit numbers based on the meaning of the tens digit.				
Can record how two two-digit numbers compare using symbols $>$, $=$, and $<$.				
Can use objects or drawings and explain how to solve a two-digit addition problem.				
Can add 10 to any one- or two-digit number.				
Can subtract 10 from a two-digit number.				
Can mentally add 10 to any number.				
Can mentally subtract 10 from any two-digit number.				
Can explain answer.				
Can use different items to show how he/she subtracted.				
Can draw to show how he/she subtracted.				
Can write a number sentence to show how he/she subtracted.				
Can explain why he/she used a strategy to solve a problem.				

Measurement and Data

	Insufficient Skills	Skills Emerging	Skill Mastered	Not Yet Taught
Can order objects by length.				
Can use one object to help tell about the length of other objects.				
Can use one object to help compare the length of other objects.				
Can measure the length of something by laying a shorter object end-to-end with no gaps or overlaps.				
Can tell someone the length of something by telling them how many shorter objects it equals.				
Can tell the difference between analog and digital clocks.				
Can read an analog clock to tell time.				
Can read a digital clock to tell time.				
Can tell time to the hour.				
Can tell time to the half hour.				
Can write time in hours.				
Can write time in half hours.				
Can identify the short hand as the hour hand on an analog clock.				

Measurement and Data (cont.)

	Insufficient Skills	Skills Emerging	Skill Mastered	Not Yet Taught
Can identify the long hand as the minute hand on an analog clock.				
Can show the time using an analog clock.				
Can gather data.				
Can show data.				
Can read data.				
Can tell and explain information about data.				
Can answer questions about data.				

Geometry

	Insufficient Skills	Skills Emerging	Skill Mastered	Not Yet Taught
Can recognize and identify attributes of shapes.				
Can build shapes to identify and describe the attributes of shapes.				
Can draw shapes to identify and describe the attributes of shapes.				
Can sort shapes to identify and describe attributes of shapes.				
Can use 2-D shapes to create another shape.				
Can use 3-D shapes to create another shape.				
Can use pattern blocks and tangrams to make other shapes.				
Can divide a circle into two equal shares.				
Can divide a circle into four equal shares.				
Can divide a rectangle into two equal shares.				
Can divide a rectangle into four equal shares.				
Can describe the parts of a circle or rectangle as halves, fourths, or quarters.				
Can describe one part of a circle or rectangle as half of, fourth of, or quarter of.				
Can describe a whole circle or rectangle as having two equal shares or four equal shares.				
Can break part of a circle or rectangle into smaller shares that are equal.				