Student:
School/District:

KEY
1 = attends to introduced stimulus(s)
2 = emerging (1 - 25% of some level of understanding is demonstrated)
P = partial (26 - 74% level of understanding is demonstrated)
M = mastery (75 - 1-% level of understanding of mastery is demonstrated)

Equals (Reciprocal)

	Date	Date	Date	Date	Date	Date	Date	Date
Chapter 1								
Section A: Attending and Exploring								
Lesson 1.A.1: attend to sounds								
Lesson 1.A.2: attend to touch or tactile-rich manipulatives								
Lesson 1.A.3: explore main manipulatives								
Lesson 1.A.4: choose a number song or book								
Lesson 1.A.5: demonstrate understanding of cause and effect								
Lesson 1.A.6: participate in simple problem solving activities								
Section B: Patterns								
Lesson 1.B.1: enjoy or tolerate clapping patterns, actions, rhymes, songs								
Lesson 1.B.2: attempt to imitate or join in clapping patterns, actions,								
Lesson 1.B.3: follow routine								
Lesson 1.B.4: anticipate holiday or event based on season								
Lesson 1.B.5: follow an activity routine and anticipate favorites								
Section C: Matching and Sorting								
Lesson 1.C.1: match objects to outlines								
Lesson 1.C.2: match objects by color								
Lesson 1.C.3: match primary colors								
Lesson 1.C.4: identify primary colors								
Lesson 1.C.5: identify secondary colors								
Lesson 1.C.6: sort objects by size								
Lesson 1.C.7: find objects that share 1 attribute								
Section D: More About Attributes								
Lesson 1.D.1: match two dimensional shape								
Lesson 1.D.2: sort duplicate two dimensional shapes								
Lesson 1.D.3: sort similar two dimensional shapes								
Lesson 1.D.4: choose one attribute to sort objects								
Lesson 1.D.5: identify two dimensional shapes								
Lesson 1.D.6: identify two dimensional shapes in environment								
Lesson 1.D.7: anticipate special event or holiday								
Lesson 1.D.8: identify 4 seasons								
Lesson 1.D.9: both appropriate clothing to temperature								
Chapter 2								
Section A: Counting 1 and 2								
Lesson 2.A.1: recognize 2 a more than 1								
Lesson 2.A.2: count to 1 and 2								
Lesson 2.A.3: identify amounts of 1 and 2								
Lesson 2.A.4: count to 3								
Lesson 2.A.5: identify numerals 0-3								
Lesson 2.A.6: construct a set to match 1 and 2								
Lesson 2.A.7: write numerals 1 and 2 in dotted sets								
Section B: Counting 3 and 4								
Lesson 2.B.1: demonstrate 1:1 correspondence								
Lesson 2.B.2: count out 3 and 4								
Lesson 2.B.3: identify amounts of 3 and 4								
Lesson 2.B.4: construct a set to match 3 and 4								
Lesson 2.B.5: write numerals 3 and 4 in dotted sets								
Lesson 2.B.6: demonstrate cardinality of number								
Section C: Counting 5 and 6								
Lesson 2.C.1: count out 5 and 6								
Lesson 2.C.2: identify numerals 5-10								
Lesson 2.C.3: identify sets of 5 and 6								
Lesson 2.C.4: construct a set to match 5 and 6								
Lesson 2.C.5: write numerals 5 and 6 in dotted sets								
Section D: Zero, More, Equal, and Less								
Lesson 2.D.1: demonstrate understanding of concept of zero								
Lesson 2.D.2: write 0								
Lesson 2.D.3: identify a set that is more								
Lesson 2.D.4: identify a set that is equal								
Lesson 2.D.5: identify a set with less								
Lesson 2.D.6: join and separate sets								
Section E: Counting 7 - 10								
Lesson 2.E.1: identify sets of 7 and 8								
Lesson 2.E.2: identify sets of 9 and 10								
Lesson 2.E.3: write numerals 7 and 8 in dotted sets								
Lesson 2.E.4: identify sets of 9 and 10								
Lesson 2.E.5: write numerals 9 and 10								
Lesson 2.E.6: write numerals 9 and 10 in dotted sets								
Lesson 2.E.7: identify number words one through five								
Chapter 3								
Section A: Ordering Numbers								
Lesson 3.A.1: use all four senses first to grab								
Lesson 3.A.2: identify number words one through five								
Lesson 3.A.3: place numbers 1-10 in order								
Lesson 3.A.4: identify matching quantities of numbers 1-10								
Lesson 3.A.5: identify ordinals								
Lesson 3.A.6: identify number words six through ten								
Lesson 3.A.7: identify one more than given number, 1-10								
Lesson 3.A.8: state one less than given number, 1-10								
Section B: Patterns and Units								
Lesson 3.B.1: match AB patterns								
Lesson 3.B.2: extend AB patterns								
Lesson 3.B.3: extend AB patterns								
Lesson 3.B.4: describe AB patterns								
Lesson 3.B.5: create AB patterns								
Lesson 3.B.6: extend units in a pattern								
Lesson 3.B.7: compare equivalent patterns								
Section C: Calendar								
Lesson 3.C.1: name days of the week								
Lesson 3.C.2: name days of the week on a calendar								
Lesson 3.C.3: name months								
Lesson 3.C.4: find a given date on calendar								
Lesson 3.C.5: identify 4 seasons in a year								
Lesson 3.C.6: identify 4 seasons given name of season								
Section D: Object Graphs and Pictographs								
Lesson 3.D.1: use words same and different to describe attributes								
Lesson 3.D.2: use a bean diagram to sort objects								
Lesson 3.D.3: first object that doesn't belong								
Lesson 3.D.4: construct bars in an object bar graph								
Lesson 3.D.5: construct pictograph bars								
Lesson 3.D.6: interpret a bar graph to comparison								
Section E: Productions and Bar Graphs								
Lesson 3.E.1: use data from bar graph to solve simple problem								
Lesson 3.E.2: tally data of amounts in a set								
Lesson 3.E.3: place data in simple bar graph with symbols								
Section F: Comparisons								
Lesson 3.F.4: compare amounts on bar graph with symbolic representation								
Lesson 3.F.5: use data from bar graph to solve simple problem								
Chapter 4								
Section A: Compose and Decompose Numbers 2 - 10								
Lesson 4.A.1: compose and decompose sets of 2								
Lesson 4.A.2: play shop-bought game with dice								
Lesson 4.A.3: compose and decompose sets of 2 &								
Lesson 4.A.4: compose and decompose sets of 2 &								
Lesson 4.A.5: compose and decompose sets of 2 &								
Lesson 4.A.6: compose and decompose sets of 3								
Section B: Addition and Subtraction to 10								
Lesson 4.B.1: solve addition problems with sums of 2								
Lesson 4.B.2: solve addition problems with counting on, number line								
Lesson 4.B.3: count backwards from any number 1-10								
Lesson 4.B.4: solve subtraction problems with corresponding sums of 3								
Lesson 4.B.5: solve subtraction problems with counting back, number line								
Lesson 4.B.6: solve addition problems with sums of 5								
Lesson 4.B.7: solve subtraction problems with corresponding sums 6-9								
Lesson 4.B.8: solve addition and subtraction problems with sums of 10								
Section C: Make 10, More Addition and Subtraction								
Lesson 4.C.1: find missing addend to make 10								
Lesson 4.C.2: write addition and subtraction equations								
Lesson 4.C.3: solve addition problems with sums of 6 to 10								
Lesson 4.C.4: use doubles to solve subtraction problems with corresponding sums 2-10								
Lesson 4.C.5: use learned strategies to solve a simple word problem								
Lesson 4.C.6: count 1-20								
Chapter 5								
Section A: Counting to 20								
Lesson 5.A.1: count out objects 11-19								
Lesson 5.A.2: identify sets of 11-19								
Lesson 5.A.3: construct a set to match 11-19								
Lesson 5.A.4: write numerals 11-19 in dotted sets								
Lesson 5.A.5: identify numerals 10-20								
Lesson 5.A.6: identify sets of 10-20								
Lesson 5.A.7: construct a set to match 10-20								
Lesson 5.A.8: write numerals 10-20 in dotted sets								
Section B: Time								
Lesson 5.B.1: tell time to half hour								
Lesson 5.B.2: tell time to 1/2 hour								
Lesson 5.B.3: tell time to hour								
Lesson 5.B.4: identify analog clock time								
Lesson 5.B.5: use clocks to tell time								
Section C: Comparison of Numbers 11 - 20								
Lesson 5.C.1: compare quantities 11-20								
Lesson 5.C.2: locate numbers 11-20 on number line								
Lesson 5.C.3: count backwards from any number 11-20								
Lesson 5.C.4: state one more than given number 11-20								
Lesson 5.C.5: state one more than given number 11-20								
Lesson 5.C.6: state one less than given number 11-20								
Section D: Geometric Shapes and Figures								
Lesson 5.D.1: identify a line, side, angle, and vertex								
Lesson 5.D.2: identify 3-D shapes								
Lesson 5.D.3: identify 3-D shapes in environment								
Lesson 5.D.4: use attribute blocks to re-create a block shape or design								
Lesson 5.D.5: find and match three-dimensional shapes in environment								
Lesson 5.D.6: identify three-dimensional shapes								
Chapter 6								
Section A: Categorical Data Graph								
Lesson 6.A.1: choose a favorite								
Lesson 6.A.2: make a prediction about opinion based data								
Lesson 6.A.3: tally categorical data using opinion survey								
Lesson 6.A.4: construct a bar graph with categorical data								
Lesson 6.A.5: construct a bar graph with categorical data								
Lesson 6.A.6: communicate conclusions drawn from bar graph								
Section B: Numbers to 50, Place Value								
Lesson 6.B.1: compare sets 11 - 20 using words: greater, fewer, most, least								
Lesson 6.B.2: order quantities from most to least, least to most								
Lesson 6.B.3: count 1 - 50								
Lesson 6.B.4: skip count by tens to 100								
Lesson 6.B.5: identify number words for tens and ones								
Lesson 6.B.6: demonstrate understanding of place value, tens, ones								
Lesson 6.B.7: use number patterns to locate 21 - 50 on hundreds chart								
Lesson 6.B.8: identify numbers 21 - 50								
Lesson 6.B.9: write numerals 21 - 50								
Section C: Measuring Tools, More								
Lesson 6.C.1: identify common elements between measurement tools								
Lesson 6.C.2: match measurement units								
Lesson 6.C.3: match measurement attributes to tools								
Lesson 6.C.4: match measurement units to appropriate situations								
Lesson 6.C.5: compare measurement attributes								
Lesson 6.C.6: identify uses for money								
Lesson 6.C.7: name coins								
Lesson 6.C.8: name dollar bills								
Lesson 6.C.9: combine 4 quarters to make a dollar								
Chapter 7								
Section A: Addition and Subtraction to 20								
Lesson 7.A.1: identify ten more than given number 20-90								
Lesson 7.A.2: identify ten more than given number 21-99								
Lesson 7.A.3: use number patterns to locate numbers to tens 11-19								
Lesson 7.A.4: estimate number to represent familiar sets with 1- and 2-digit numbers								
Chapter 8								
Section A: 2-Digit Place Value, Adding and Subtracting 2- and 3-digit Numbers								
Lesson 8.A.1: demonstrate understanding of place value to 100								
Lesson 8.A.2: identify 2-digit numbers								
Lesson 8.A.3: write 2-digit numbers								
Lesson 8.A.4: add and subtract 10 from 2-digit number								
Lesson 8.A.5: add and subtract 100 from 3-digit number								
Lesson 8.A.6: add and subtract 10 and 100								
Lesson 8.A.7: add and subtract 1-digit numbers to and from 2-digit numbers								
Lesson 8.A.8: add and subtract 2-digit numbers, no re-grouping								
Lesson 8.A.9: add and subtract 2-digit numbers, no re-grouping								
Section B: Rounding and Estimating, Regrouping								
Lesson 8.B.1: estimate number to represent familiar sets up to 2-digit numbers								
Lesson 8.B.2: round numbers to tens place value								
Lesson 8.B.3: round numbers to estimate sums and difference to tens place								
Lesson 8.B.4: round numbers to hundreds place value								
Lesson 8.B.5: round numbers to estimate sums and difference to hundreds place								
Lesson 8.B.6: add and subtract 2-digit numbers, with regrouping								
Lesson 8.B.7: add and subtract 2-digit numbers, with regrouping								
Lesson 8.B.8: add and subtract 2-digit numbers, with regrouping								
Lesson 8.B.9: demonstrate understanding of place value to 1000								
Lesson 8.B.10: estimate number to represent familiar sets up to 4-digit numbers								
Lesson 8.B.11: use a calculator to add and subtract 4-digit numbers								
Lesson 8.B.12: identify 4- and 5-digit numbers								
Lesson 8.B.13: write 4- and 5-digit numbers								
Lesson 8.B.14: compare large numbers up to 6-digits								
Section C: Number Patterns								
Lesson 8.C.1: extend AABB patterns								
Lesson 8.C.2: extend AABB patterns								
Lesson 8.C.3: skip count by 5s								
Lesson 8.C.4: skip count by 5s								
Lesson 8.C.5: identify odd and even numbers								
Lesson 8.C.6: determine missing unit in pattern								
Lesson 8.C.7: determine missing unit in number pattern								
Section D: Time, Money								
Lesson 8.D.1: tell time to 5 minutes								
Lesson 8.D.2: use analog language to tell time at 5-minute intervals								
Lesson 8.D.3: match coin equivalencies								
Lesson 8.D.4: match coin equivalencies								
Lesson 8.D.5: name dollar amounts								
Lesson 8.D.6: count up money amounts								
Lesson 8.D.7: match types of items to general prices								
Lesson 8.D.8: choose correct number of dollars to purchase item(s)								
Chapter 9								
Section A: Weight and Length								
Lesson 9.A.1: use balance scale to demonstrate equal								
Lesson 9.A.2: use balance scale to demonstrate equal								
Lesson 9.A.3: identify 2 common weights								
Lesson 9.A.4: identify length with lines and polyoned ruler								
Lesson 9.A.5: measure lines in inches								
Lesson 9.A.6: measure line in feet								
Lesson 9.A.7: measure line in meters								
Section B: Two-Dimensional and Congruent Shapes								
Lesson 9.B.1: match two-dimensional shape to three-dimensional face								
Lesson 9.B.2: identify congruent shapes								
Lesson 9.B.3: predict and confirm results of transformations								
Lesson 9.B.4: identify mirrored or non-mirrored								
Lesson 9.B.5: identify congruent shapes								
Lesson 9.B.6: locate line of symmetry								
Section C: Angles, Polygons								
Lesson 9.C.1: identify right angle								
Lesson 9.C.2: identify acute and obtuse angles								
Lesson 9.C.3: identify and sort polygons								
Lesson 9.C.4: identify triangles, rectangles, and octagon								
Lesson 9.C.5: use a table to organize two dimensional shapes								
Section D: Three-Dimensional Shapes								
Lesson 9.D.1: identify three-dimensional faces, vertices, and edges								
Lesson 9.D.2: count three-dimensional faces, vertices, and angles								
Lesson 9.D.3: use a table to organize three-dimensional shapes								
Lesson 9.D.4: use a table to organize three-dimensional shapes								
Lesson 9.D.5: build, identify, and compare three-dimensional shapes to set								
Lesson 9.D.6: sort polyhedral shapes from other shapes								
Chapter 10								
Section A: Line Plot Graphs								
Lesson 10.A.1: collect data on hand size to nearest inch								
Lesson 10.A.2: enter numerical data								
Lesson 10.A.3: construct a line plot graph								
Lesson 10.A.4: determine range								
Lesson 10.A.5: determine mode								
Lesson 10.A.6: determine median								
Lesson 10.A.7: describe shape of data set								
Lesson 10.A.8: describe shape of data, including mode and least values								
Section B: Probability, Change Over Time								
Lesson 10.B.1: predict probability of outcomes								
Lesson 10.B.2: describe outcome of experiment								
Lesson 10.B.3: predict probability of outcomes								
Lesson 10.B.4: list coordinate points on a graph								
Lesson 10.B.5: plot coordinate points								
Lesson 10.B.6: predict, describe, expanding change over time								
Lesson 10.B.7: predict, describe, expanding								
Lesson 10.B.8: data on line graph								
Lesson 10.B.9: communicate conclusions drawn from line graph								
Section C: Missing Addends, Variables, Constant Rate of Change								
Lesson 10.C.1: use notation for equivalent expression								
Lesson 10.C.2: complete problem with missing addend								
Lesson 10.C.3: solve addition equation with a variable								
Lesson 10.C.4: solve addition equation with a variable								
Lesson 10.C.5: create number pattern with constant increment								
Lesson 10.C.6: use a table representing constant rate of change								
Lesson 10.C.7: create number pattern in table with constant rate of change								
Chapter 11								
Section A: Multiplication Models								
Lesson 11.A.1: demonstrate multiplication with repeated sets								
Lesson 11.A.2: use manipulatives to solve multiplication problems with sums								
Lesson 11.A.3: use 10 1 or 2 1 relationships to solve a multiplication problem								
Lesson 11.A.4: skip count to solve multiplication problems								
Lesson 11.A.5: solve multiplication problems with factors 0-9								
Section B: Solving Multiplication Problems								
Lesson 11.B.1: write a multiplication equation								
Lesson 11.B.2: solve multiplication problems with factor of 10								
Lesson 11.B.3: solve multiplication problems with factor of 10								
Lesson 11.B.4: use multiplication to solve word problem repeated addition								
Lesson 11.B.5: solve two-digit multiplication problem with calculator								
Lesson 11.B.6: demonstrate commutative property of multiplication								
Section C: Division Models								
Lesson 11.C.1: identify sets that can be divided into equal groups								
Lesson 11.C.2: demonstrate division with array and grouping								
Lesson 11.C.3: use manipulatives to solve division problems								
Lesson 11.C.4: solve division problems with corresponding factors 0-9								
Lesson 11.C.5: use inverse relationship to solve division problems								
Section D: Solving Division Problems								
Lesson 11.D.1: write a division problem								
Lesson 11.D.2: solve division problem with divisor of 10								
Lesson 11.D.3: use division to solve word problem with equal sets								
Lesson 11.D.4: divide by 10s and 100s								
Lesson 11.D.5: solve division problem with 2-digit divisor using calculator								
Lesson 11.D.6: choose multiplication or division to solve word problem								
Lesson 11.D.7: identify multiples and factors								
Section E: Measurement and Geometry								
Lesson 11.E.1: measure perimeter								
Lesson 11.E.2: measure area								
Lesson 11.E.3: measure area								
Lesson 11.E.4: determine volume of a box								
Lesson 11.E.5: identify dry and liquid cup measured amounts								
Lesson 11.E.6: identify measuring spoon amounts								
Lesson 11.E.7: identify measure of liquid in a cup								
Lesson 11.E.8: identify basic figures with cubic units								
Lesson 11.E.9: measure dry and liquid ingredients with spoons								
Chapter 12								
Section A: Fractions and Whole								
Lesson 12.A.1: identify half of a whole and half of a set								
Lesson 12.A.2: show half of object and entity								
Lesson 12.A.3: assemble and name matching fraction pieces								
Lesson 12.A.4: identify fractions of a set with numerator greater than 1								
Lesson 12.A.5: define fractions and numerator and denominator								
Lesson 12.A.6: write fraction name								
Lesson 12.A.7: identify fractions of a set fourth of a set								
Section B: Common Fractions								
Lesson 12.B.1: identify fractions with numerator greater than 1								
Lesson 12.B.2: identify fractions of a set with numerator 1								
Lesson 12.B.3: identify fractions of a set with numerator greater than 1								
Lesson 12.B.4: order common fractions								
Lesson 12.B.5: compare common fractions								
Lesson 12.B.6: identify fractions of linear measurements								
Section C: Adding and Subtracting Fractions								
Lesson 12.C.1: identify fractions with common denominator								
Lesson 12.C.2: add and subtract fractions with common denominator								
Lesson 12.C.3: add fractions to total of 1								
Lesson 12.C.4: identify mixed numbers								
Lesson 12.C.5: solve addition problem with models that results in mixed number								
Section D: Fractions, Decimals and Percent								
Lesson 12.D.1: identify decimal equivalents to fraction halfs								
Lesson 12.D.2: convert fractions to decimals								
Lesson 12.D.3: read decimals to tenths place								
Lesson 12.D.4: read decimals to tenths place								
Lesson 12.D.5: read and write decimals in money terms								
Lesson 12.D.6: match decimals and fractions and relate to time and money								
Lesson 12.D.7: match fractions to percentages								

Comments