

## Child-friendly Format for Common Core End of 3<sup>rd</sup> Grade Check-list

### *I Can Use Multiplication and Division to Help Me Understand Math*

- I can understand multiplication by thinking about groups of objects. 3.OA.1
- I can understand division by thinking about how one group can be divided into smaller groups. 3.OA.2
- I can use what I know about multiplication and division to solve word problems. 3.OA.3
- I can find the missing number in a multiplication or division equation. 3.OA.4
- I can use the Commutative Property of multiplication. (I know that if  $6 \times 4 = 24$ , then  $4 \times 6 = 24$ .) 3.OA.5
- I can use the Associative Property of multiplication. 3.OA.5  
(To figure out  $3 \times 5 \times 2$  I can multiply  $3 \times 5 = 15$ , then  $15 \times 2 = 30$  OR multiply  $5 \times 2 = 10$ , then  $3 \times 10 = 30$ .)
- I can use the Distributive Property of multiplication. 3.OA.5  
(To figure out  $8 \times 7$ , I can think of  $8 \times (5 + 2)$  which means  $(8 \times 5) + (8 \times 2) = 40 + 16 = 56$ .)
- I can find the answer to a division problem by thinking of the missing factor in a multiplication problem. (I can figure out  $32 \div 8$  because I know that  $8 \times 4 = 32$ .) 3.OA.6
- I can multiply and divide within 100 easily and quickly because I know how multiplication and division are related. 3.OA.7
- I can use addition, subtraction, multiplication and division to solve all kinds of word problems and then use mental math to decide if my answers are reasonable. 3.OA.8
- I can find patterns in addition and multiplication tables and explain them using what I know about how numbers work. 3.OA.9

### *I Can Use Number Sense and Place Value to Help Me Understand Math*

- I can round numbers to the nearest ten or 100. 3.NBT.1
- I can add and subtract numbers within 1000. 3.NBT.2
- I can quickly and easily multiply any one digit whole number by 10. 3.NBT.3

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### *I Can Use Fractions to Help Me Understand Math*

- I can show and understand that fractions are equal parts of a whole. 3.NF.1
- I can label fractions on a number line because I know the space between any two numbers can be thought of as a whole. 3.NF.2
- I can explain in words or pictures how two fractions can sometimes be equal. 3.NF.3
- I can compare fractions by reasoning about their size. 3.NF.3
- I can show whole numbers as fractions. ( $3 = 3/1$ ) 3.NF.3
- I can recognize fractions that are equal to one whole. ( $1 = 4/4$ ) 3.NF.3

### *I Can Use Measurement and Data to Help Me Understand Math*

- I can tell and write time to the nearest minute. 3.MD.1
- I can measure time in minutes. 3.MD.1
- I can solve telling time word problems by adding and subtracting minutes. 3.MD.1
- I can measure liquids and solids with liters, grams and kilograms. 3.MD.2
- I can use addition, subtraction, multiplication and division to solve word problems involving mass and volume. 3.MD.2
- I can create a picture or bar graph to show data and solve problems using the information from the graphs. 3.MD.3
- I can create a line plot from measurement data, where the measured objects have been measured to the nearest whole number, half or quarter. 3.MD.4
- I can understand that the area of plane shapes can be measured in square units. 3.MD.5
- I can measure areas by counting unit squares. 3.MD.6
- I can measure area by using what I know about multiplication and addition. 3.MD.7
- I can solve real world math problems using what I know about the perimeter of shapes. 3.MD.8

### *I Can Use Geometry to Help Me Understand Math*

- I can place shapes into categories depending upon their attributes. 3.G.1
- I can recognize and draw quadrilaterals such as rhombuses, rectangles and squares, as well as other examples of quadrilaterals. 3.G.1
- I can divide shapes into parts with equal areas and show those areas as fractions. 3.G.2

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