

A Correlation of



To the

**Nampa School District
Mathematical Essential Standards
Kindergarten**

**A Correlation of Investigations 3 in Number, Data, and Space ©2017
to the Nampa School District Essential Standards - Mathematics**

Kindergarten Units

Unit 1 - Counting People, Sorting Buttons

Unit 2 - Counting Quantities, Comparing Lengths

Unit 3 - Make a Shape, Fill a Hexagon

Unit 4 - Collect, Count and Measure

Unit 5 - Build a Block, Build a Wall

Unit 6 - How Many Now?

Unit 7 - How Many Noses? How Many Eyes?

Unit 8 - Ten Frames and Teen Numbers

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Counting and Cardinality:	
K.CC.1 Count to 100 by ones and tens.	Unit 1 Sessions 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.5 Unit 2 Sessions 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 1.10 Unit 4 Sessions 1.6, 1.7, 1.8, 1.9, 1.10, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7 Unit 6 Sessions 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 2.1, 2.2, 2.3 Unit 7 Sessions 3.5, 3.6, 3.7, 3.8 Unit 8 Sessions 1.5, 1.6, 1.7, 2.2, 2.3, 2.4, 2.6, 2.7, 2.8, 2.10, 3.1, 3.2, 3.3, 3.4, 3.5
K.CC.3 Write numbers from 0 to 20. Represent a number of objects with a written numeral 0-20 (with 0 representing a count of no objects).	Unit 1 Sessions 3.2, 3.6 Unit 2 Sessions 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 1.10 Unit 4 Sessions 1.9, 1.10, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7 Unit 6 Sessions 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 2.1, 2.2, 2.3, 2.5, 2.6, 2.7, 2.8, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6 Unit 7 Sessions 1.2, 1.3, 2.2, 2.3, 3.1, 3.2, 3.4, 3.5, 3.6, 3.8 Unit 8 Sessions 1.1, 1.2, 1.3, 1.5, 1.6, 1.7, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9, 2.10, 3.1, 3.2, 3.3, 3.4, 3.5
K.CC.4 Understand the relationship between numbers and quantities; connect counting to cardinality.	Unit 1 Sessions 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.5 Unit 2 Sessions 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 1.10 Unit 4 Sessions 1.6, 1.7, 1.8, 1.9, 1.10, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7 Unit 6 Sessions 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6 Unit 7 Sessions 2.1, 2.2, 2.3, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8 Unit 8 Sessions 1.1, 1.2, 1.3, 1.5, 1.6, 1.7, 2.2, 2.3, 2.4, 2.6, 2.7, 2.8, 2.10, 3.1, 3.2, 3.3, 3.4, 3.5

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K.CC.5 Count to answer “how many?” questions about as many as 20 things arranged in a line, a rectangular array, or a circle, or as many as 10 things in a scattered configuration; given a number form 1-20, count out that many objects.	Unit 1 Sessions 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.5 Unit 2 Sessions 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 1.10 Unit 4 Sessions 1.6, 1.7, 1.8, 1.9, 1.10, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7 Unit 6 Sessions 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6 Unit 7 Sessions 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8 Unit 8 Sessions 1.1, 1.2, 1.3, 1.5, 1.6, 1.7, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9, 2.10, 3.1, 3.2, 3.3, 3.4, 3.5
Operations and Algebraic Thinking:	
K.OA.1 Represent addition and subtraction with objects, fingers, mental images, drawings, sounds (e.g., claps), acting out situations, verbal explanations, expressions, or equations.	Unit 4 Sessions 1.6, 1.7, 1.8, 1.9, 1.10, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7 Unit 6 Sessions 1.4, 1.5, 1.6, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6 Unit 7 Sessions 1.2, 1.3 Unit 8 Sessions 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9, 2.10, 3.1, 3.2, 3.3, 3.4, 3.5
K.OA.3 Decompose numbers less than or equal to 10 into pairs in more than one way, e.g., by using objects or drawing, and record each decomposition by a drawing or equation (e.g., $5=2+3$ and $5=4+1$).	Unit 4 Sessions 2.1, 2.2, 2.3, 2.4, 2.5 Unit 6 Sessions 3.1, 3.2, 3.3, 3.4, 3.5, 3.6 Unit 7 Session 1.2 Unit 8 Sessions 2.1, 2.2, 2.3, 2.4
Numbers and Operations in Base Ten:	
K.NBT.1 Compose and decompose numbers from 11 to 19 into ten ones and some further ones, e.g., by using objects or drawings, and record each composition or decomposition by a drawing or equation (e.g., $18=10+8$); understand that these numbers are composed of ten ones and on, two, three, four, five, six, seven, eight, or nine ones.	Unit 8 Sessions 2.5, 2.6, 2.7, 2.8, 2.9, 2.10, 3.2, 3.4

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Measurement and Data:	
K.MD.3 Classify objects into given categories count the numbers of objects in each category and sort the categories by count.	Unit 1 Sessions 3.1, 3.3, 3.4, 3.5 Unit 5 Sessions 1.1, 1.2, 1.3 Unit 6 Sessions 1.5, 1.6 Unit 7 Sessions 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3 Unit 8 Session 2.1
Measurement and Data:	
K.G.1 Describe objects in the environment using names of shapes, and describe the relative position of these objects using terms such as above, below, beside, in front of, behind, and next to.	Unit 3 Sessions 1.1, 1.2, 1.4, 2.1, 2.2, 2.4, 2.5 Unit 5 Sessions 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 1.10