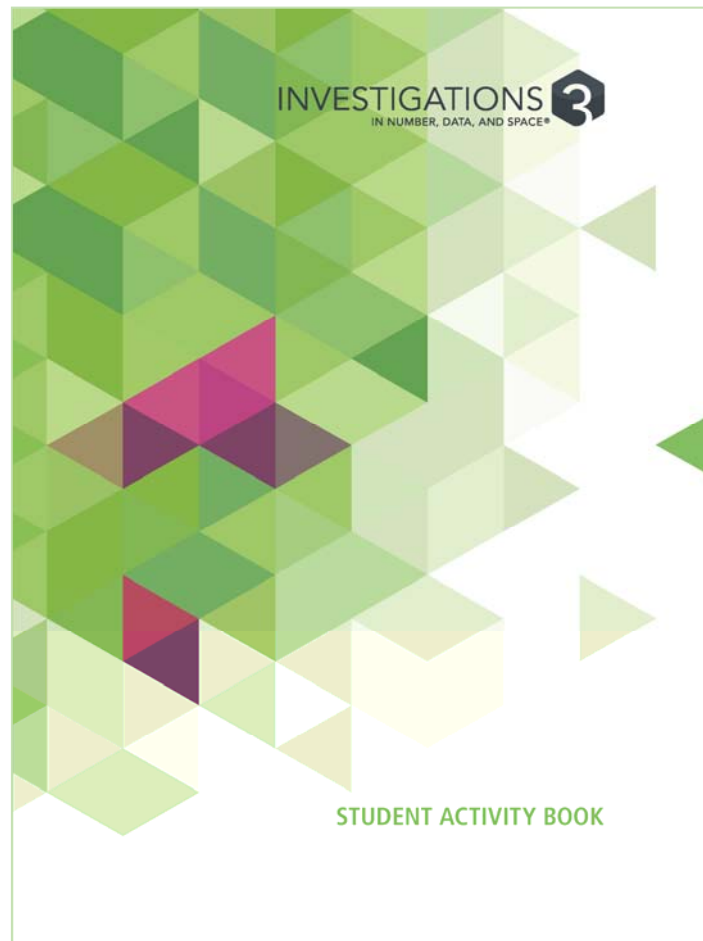


A Correlation of

INVESTIGATIONS 
IN NUMBER, DATA, AND SPACE®

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to the
Nampa School District
Essential Standards – Mathematics
Grade 3

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Grade 3 Units

Unit 1 - Understanding Equal Groups

Unit 2 - Graphs and Line Plots

Unit 3 - Travel Stories and Collections

Unit 4 - Perimeter, Area, and Polygons

Unit 5 - Cube Patterns, Arrays, and Multiples of 10

Unit 6 - Fair Shares and Fractions on Number Lines

Unit 7 - How Many Miles?

Unit 8 - Larger Numbers and Multi-Step Problems

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Nampa School District Mathematical Essential Standards Grade 3	Investigations 3 in Number, Data, and Space ©2017 Grade 3
Operations and Algebraic Thinking:	
3.OA.3 Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities.	Unit 1 Sessions 1.1, 1.2, 1.3, 1.4, 2.3, 2.4, 2.5, 2.6, 4.1, 4.2, 4.3, 4.4, 4.5, 4.6 Unit 5 Sessions 1.4, 1.5, 2.3, 2.5, 2.6, 3.5, 3.6 Unit 8 Sessions 1.1, 1.3, 1.4, 1.5, 1.6, 2.1, 2.3, 2.4, 2.5
3.OA.7 Fluently multiply and divide with 100, using strategies such as the relationship between multiplication and division (e.g., knowing that $8 \times 5 = 40$, one knows 40 divided by 5 is 8, or properties of operations. By the end of 3rd, know from memory all products of two one-digit numbers.	Unit 1 Sessions 3.3, 3.4, 3.5, 3.6, 3.7, 4.5, 4.6 Unit 5 Sessions 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 3.1, 3.2, 3.4, 3.5, 3.6 Unit 8 Sessions 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 2.1, 2.2, 2.3, 2.4, 2.5
3.OA.8 Solve two-step word problems using the four operations. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding.	Unit 2 Session 1.5 Unit 4 Sessions 1.3, 1.4, 1.5 Unit 5 Sessions 3.3, 3.4, 3.5, 3.6 Unit 7 Sessions 1.3, 1.4, 1.5, 1.6, 1.7, 2.4, 2.5, 3.5, 3.6 Unit 8 Sessions 2.4, 2.5, 3.1, 3.2, 3.3, 3.4, 3.5
Numbers and Operations in Base 10:	
3.NBT.2 Fluently add and subtract with 1000 using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction.	Unit 1 Session 1.1 Unit 2 Session 1.7 Unit 3 Sessions 1.1, 1.2, 1.3, 1.4, 1.5, 2.2, 2.3, 2.4, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 4.2, 4.3, 4.4, 4.5, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6 Unit 5 Session 1.3 Unit 7 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, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6
Numbers and Operations--Fractions:	
3.NF.1 Understand a fraction $1/b$ as the quantity formed by 1 part when a whole is partitioned into b equal parts; understand a fraction a/b as the quantity formed by a parts of size $1/b$.	Unit 6 Sessions 1.1, 1.2, 1.3, 1.4, 1.7, 1.8, 2.1, 2.3, 2.4, 2.5

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3.NF.2 Understand a fraction as a number on the number line; represent fractions on a number line diagram.	Unit 6 Sessions 1.5, 1.6, 1.7, 2.2
Measurement and Data:	
3.MD.4 Generate measurement data by measuring lengths using rulers marked with halves and fourths of an inch. Show the data by making a line plot, where the horizontal scale is marked off in appropriate units, whole numbers, halves, or quarters.	Unit 2 Sessions 2.1, 2.2, 2.3, 2.4, 2.5, 2.6 Unit 6 Session 1.6
Geometry:	
3.G.2 Partition shapes into parts with equal areas. Express the area of each part as a unit fraction of the whole.	Unit 6 Sessions 1.1, 1.2, 1.4, 1.7, 1.8, 2.5