INVESTIGATIONS 3
IN NUMBER, DATA, AND SPACE®

SAVVAS
LEARNING COMPANY

Grade 4

Concept	Sub-categories	Title	Unit	Session(s)
Number	Properties and Attributes of Number	Factors	1	1.2,1.3,1.4,1.7,2.1,2.2,2.4
Number	Properties and Attributes of Number	Factors and Multiples	1	2.3
Operations	Multiplication and Division Facts	Learning Multiplication Facts	1	1.4
Number, Operations	Properties and Attributes of Number	Multiples	1	1.7,2.1
Number	Properties and Attributes of Number	Multiples: Counting Around the Class	1	2.1
Operations	Multiplication	Multiplicative Comparison	1	1.5,1.8
Number	Properties and Attributes of Number	Prime and Composite Numbers	1	1.3,1.6
Operations	Multiplication	Representing Multiplication with Arrays	1	1.1,1.4
Number	Properties and Attributes of Number	Square Numbers	1	1.3
Data	Analyzing Data	Comparing Two Sets of Data	2	1.3,1.4,2.3,2.4,2.6
Data	Classifying Data	Data Collection	2	1.1, 2.2
Data	Analyzing Data	Describing and Summarizing Data	2	1.2,2.5
Measurement	Length	Measuring Accurately	2	1.2,2.2
Data	Representing Data	Organizing and Representing Data	2	1.1
Data	Analyzing Data	Working with Data	2	1.1,1.2,2.1
Operations	Multiplication and Division Facts	Division and Multiplication	3	2.5,2.6
Operations	Division	Division Situations	3	2.1,2.6
Operations	Division	Division Strategies	3	2.1,2.3,2.4,3.7
Number	Properties and Attributes of Number	Factors and Multiples	3	3.1
Operations	Multiplication	Multiple Towers	3	3.1
Operations	Multiplication	Multiplication Cluster Problems	3	3.5,3.7
Operations	Multiplication	Multiplying Groups of 10	3	3.2,3.3
Operations	Division	Remainders: What Do You Do with the Extras?	3	2.2,2.3
Operations	Multiplication	Representing Multiplication with Arrays	3	1.1,1.2,1.3
Operations	Multiplication	Strategies for Solving Multiplication Problems	3	1.2,3.4,3.6,3.7

Operations	Multiplication	Unmarked Arrays	3	1.2,1.4,1.5
Geometry	2-D Shapes	Angles and Degrees	4	2.1,2.5,3.1,3.2,3.4
Measurement	Angle Measurement	Angles and Degrees	4	2.1,2.5,3.1,3.2,3.4
Geometry	2-D Shapes	Classifying Triangles	4	2.5
Measurement	Area and Perimeter	Finding Area of a Rectangle	4	4.6
Measurement	Length	Length Measurement Tools	4	1.1
Measurement	Length	Measurement Benchmarks	4	1.1,1.2
Measurement	Length	Measuring Accurately	4	1.5
Measurement	Area and Perimeter	Measuring Area	4	4.2,4.4
Measurement	Area and Perimeter	Measuring Perimeter	4	1.3,1.4
Measurement	Angle Measurement	Measuring with Protractors	4	3.3,3.4
Geometry	2-D Shapes	Mirror Symmetry	4	4.1,4.2,4.3
Measurement	Area and Perimeter	Perimeter or Area?	4	1.4, 4.5
Geometry	2-D Shapes	Points, Line Segments, and Parallel Lines	4	2.1
Geometry	2-D Shapes	Polygons	4	2.1,2.2
Geometry	2-D Shapes	Quadrilaterals	4	2.3,2.4
Operations	Addition	Addition Strategies	5	1.1,1.2,2.6,2.7,3.3,3.4,3.5,3.6
Operations	Addition	Comparing Addition Notation	5	1.4
Number	Place Value	Place Value: Large Numbers	5	1.1,3.1,3.2,3.3,3.5,3.6
Number	Place Value	Rounding Large Numbers	5	3.1,3.2,3.3,3.5
Operations	Subtraction	Subtraction Problem Types	5	2.1,2.6,2.7
Operations	Subtraction	Subtraction Strategies	5	2.2,2.3,2.5,2.6,2.7,3.3,3.4,3.5,
Operations	Addition	U.S. Standard Algorithm for Addition	5	1.4
Operations	Subtraction	U.S. Standard Algorithm for Subtraction	5	2.4,2.5,2.6,2.7
Operations	Addition	Adding and Subtracting Mixed Numbers	6	3.4
Operations	Addition and Subtraction: Fractions	Adding and Subtracting Mixed Numbers	6	3.4
Operations	Subtraction	Adding and Subtracting Mixed Numbers	6	3.4
Operations	Addition	Adding Fractions with Like Denominators	6	3.1,3.3,3.4,4.2,4.4
Operations	Addition and Subtraction: Fractions	Adding Fractions with Like Denominators	6	3.1,3.3,3.4,4.2,4.4
Operations	Addition	Adding Tenths and Hundredths	6	3.5,3.6
Operations	Addition and Subtraction: Fractions	Adding Tenths and Hundredths	6	3.5,3.6
Number	Decimals	Comparing Decimals	6	2.7

Number	Fractions	Comparing Fractions	6	2.2,2.3,2.4,2.5,2.6
Number	Fractions	Fractional Parts	6	1.2,2.2,3.1
Number	Fractions	Fractions of an Area	6	1.1
Number	Fractions	Generating Equivalent Fractions	6	1.1,1.3,1.6,2.3,2.8
Number	Fractions	Halves of Different Wholes	6	1.3
Operations	Multiplication	Multiplying Fractions by Whole Numbers	6	4.1,4.2,4.3,4.4
Operations	Multiplication: Fractions	Multiplying Fractions by Whole Numbers	6	4.1,4.2,4.3,4.4
Number	Decimals	Place Value: Decimals	6	1.4
Number	Decimals	Representing Decimals	6	1.4
Operations	Addition and Subtraction: Fractions	Remainders: What Do You Do with the Extras?	6	3.2,3.3,3.4,4.2,4.4
Operations	Subtraction	Subtracting Fractions with Like Denominators	6	3.2,3.3,3.4,4.2,4.4
Number	Decimals	Tenths and Hundredths	6	1.5,3.5
Number	Fractions	Using Fractions for Quantities Greater Than One	6	2.1
Number	Fractions	What is a Fraction?	6	1.1
Measurement	Length	Converting Measurement	7	1.1,1.2
Operations	Multiplication and Division Facts	Division and Multiplication	7	3.1
Operations	Division	Division Situations	7	3.1
Operations	Division	Division Strategies	7	3.1,3.3,3.4
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Operations	Multiplication	Multiple Towers	7	3.2
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Operations	Multiplication	Representing Multiplication with Arrays	7	1.5
Operations	Multiplication	Strategies for Solving Multiplication Problems	7	1.1,1.5,1.6,1.7,2.1,2.2,2.3
Operations	Multiplication	Unmarked Arrays	7	1.5
Operations	Patterns and Rules	A Table for a Penny Jar Problem	8	1.2,1.4
Operations	Patterns and Rules	Penny Jar Comparisons	8	1.1,1.5
Operations	Patterns and Rules	Rules to Describe Penny Jar Situations	8	1.3,1.5
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Operations	Patterns and Rules	Windows and Towers	8	1.6,1.7,1.8