



Math Teachers Press, Inc.

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IDAHO ACHIEVEMENT STANDARDS CORRELATED TO *MOVING WITH MATH®* *EXTENSIONS GRADE 3*

		Student Book	Skill Builders
STANDARD 1: NUMBER AND OPERATION			
Goal 1.1: Understand and use numbers.			
By the end of 3rd Grade, the student will be able to:			
3.M.1.1.1	Read, write, compare, and order whole numbers to 10,000. (287.01.a)	1-4, 7, 8	1-1, 2-1, 2-2, 4-1, 5-1
3.M.1.1.2	identify place value through 9,999. (287.01.b)	1, 2, 7, 8	1-1, 2-1, 6-1
3.M.1.1.3	Count the value of a collection of bills and coins up to \$10.00. (287.01.c)	63	47-1
3.M.1.1.4	Recognize, name, and represent commonly used fractions using concrete materials. (287.01.a)	47-49	30-1, 31-1, 32-1
3.M.1.1.6	Recognize mathematical information and select strategies appropriate for solving a multi-step problem. (288.01.a)	24-26, 42, 43	10-5, 14-1, 15-5, 15-6, 19-1, 48-1, 49-1
1.1.7	Use appropriate vocabulary. (287.01.f)	Glossary and vocabulary words in lessons	
Goal 1.2: Perform computations accurately.			
By the end of 3rd Grade, the student will be able to:			
3.M.1.2.1	Recall basic addition and subtraction facts through 18. (287.02.b)	13, 14	9-1, 9-2
3.M.1.2.2	Add and subtract whole numbers with and without regrouping through 999. (287.02.a.)	15, 16, 18, 19, 21-23	10-1 to 10-4, 12-1, 15-1 to 15-4, 16-1, 17-1
3.M.1.2.3	Add three one- and two-digit addends. (287.02.c)	17	11-1
3.M.1.2.4	Multiply whole numbers through 10 x 10. (287.02.d)	27-31, 34-38	20-1, 20-2, 21-1, 21-2, 22-1, 24-1

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3.M.1.2.5	Select and use an appropriate method of computation from mental math, paper and pencil, calculator, or a combination of the three. (287.02.f)	15, 16, 18, 19, 21-23, 27-31, 33-38	10-1 to 10-4, 12-1, 15-1 to 15-4, 16-1, 17-1, 20-1, 20-2, 21-1, 21-2, 22-1, 24-1
3.M.1.2.6	Use appropriate operations to solve word problems and show or explain work. (288.01.b)	24-26, 42, 43	10-5, 14-1, 15-5, 15-6, 19-1, 48-1, 49-1
3.M.1.2.7	use appropriate vocabulary. (287.02.g.)	Glossary and vocabulary words in lessons	
	Goal 1.3: Estimate and judge reasonableness of results.		
	By the end of 3rd Grade, the student will be able to:		
3.M.1.3.1	Estimate to predict sums and differences. (287.03.a)	9-12, 20	7-1, 7-2, 8-1
3.M.1.3.2	Use estimation to evaluate the reasonableness of a sum or difference. (287.03.b)	9-12, 20	7-1, 7-2, 8-1
3.M.1.3.3	Investigate the use of a four-function calculator to solve complex grade-level problems. (288.03.a)		
3.M.1.3.4	Use appropriate vocabulary. (287.03.c)	Glossary and vocabulary words in lessons	
	STANDARD 2: CONCEPTS AND PRINCIPLES OF MEASUREMENT		
	Goal 2.1: Understand and use customary and metric measurements..		
	By the end of 3rd grade, the student will be able to:		
3.M.2.1.1	Select and use appropriate units and tools to make formal measurements of length and temperature in both systems. (289.01.a)	58-60	41-1, 42-2, 43-1, 44-1, 44-2, 45-1
3.M.2.1.2	Estimate length, time, and weight in real-world problems using standard units. (289.01.b)	58-60	42-2, 43-1
3.M.2.1.3	Tell time using digital and analog clocks using quarter hour and five-minute intervals. (289.01.e)	58	41-1
3.M.2.1.4	Solve real world problems related to time.	58	41-1
3.M.2.1.5	Identify relationships of length and time within the U.S. customary system and within the metric system. (289.01.c, 289.01.d)	58-60	41-1, 42-1, 44-1, 44-2, 45-1

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3.M.2.1.6	State that there are 24 hours in a day, 7 days in a week, and 12 months in a year.		42-1
3.M.2.1.7	Use appropriate vocabulary. (289.01.g)	Glossary and vocabulary words in lessons	
	Goal 2.2: Apply the concepts of rates, ratios, and proportions.		
	No objectives at this grade level.		
	Goal 2.3: Apply dimensional analysis.		
	No objectives at this grade level.		
	STANDARD 3: CONCEPTS AND LANGUAGE OF ALGEBRA AND FUNCTIONS.		
	Goal 3.1: Use algebraic symbolism as a tool to represent mathematical relationships.		
	By the end of 3rd Grade, the student will be able to:		
3.M.3.1.1	Write a multiplication problem vertically and horizontally. (290.01.a)	27-31, 34, 35	20-1, 20-2, 21-1, 21-2, 22-1, 24-1
3.M.3.1.2	Write a number sentence using simple geometric shapes as symbols to represent an unknown number. (290.01.b)		
3.M.3.1.3	Write a fact family when given two addends.		
3.M.3.1.4	Read and use symbols (<, >, =) to express relationships with numbers through 9,999. (290.01.c)		2-1
	Goal 3.2: Evaluate algebraic expressions.		
	By the end of 3rd Grade, the student will be able to:		
3.M.3.2.1	Use the commutative property of multiplication. (290.02.a)	32	
3.M.3.2.2	Solve multiplication problems using the commutative property (e.g. If $24 \times 38 = 912$, then what is 38×24 ?)	32	
	Goal 3.3: Solve algebraic equations and inequalities.		
	By the end of 3rd Grade, the student will be able to:		
3.M.3.3.1	Solve missing addend equations. (290.03.a)		

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	Goal 3.4: Understand the concept of functions.		
	By the end of 3rd Grade, the student will be able to:		
3.M.3.4.1	Extend a growing arithmetic, numerical pattern when given a rule with a single operation of one digit addition (e.g., add 3). (293.01.a)	5, 6	3-1
3.M.3.4.2	Use appropriate vocabulary. (293.01.c)	Glossary and vocabulary words in lessons	
	STANDARD 4: CONCEPTS AND PRINCIPLES OF GEOMETRY		
	Goal .1: Apply concepts of size, shape, and spatial relationships.		
	By the end of 3rd Grade, the student will be able to:		
3.M.4.1.1	Identify, compare, and analyze attributes of two- and three-dimensional shapes, including right angle, squares, and 3-D shapes in environment, and develop vocabulary to describe the attributes.	51-54, 57	35-1, 35-2, 36-1, 37-1, 40-1
3.M.4.1.2	Discuss sliding and flipping of two-dimensional shapes.	56	39-1
3.M.4.1.3	Identify vertical and horizontal lines of symmetry.	55	38-1
3.M.4.1.4	Use appropriate vocabulary.	Glossary and vocabulary words in lessons	
	Goal 4.2: Apply the geometry of right triangles.		
	No objectives at this grade level.		
	Goal 4.3: Apply graphing in two dimensions.		
	By the end of 3rd Grade, the student will be able to:		
3.M.4.3.1	Identify the point of final destination given directions for movement on a positive number line.		
	STANDARD 5: DATA ANALYSIS, PROBABILITY, AND STATISTICS		
	Goal 5.1: Understand data analysis.		
	By the end of 3rd Grade, the student will be able to:		
3.M.5.1.1	Interpret information found in tables, bar graphs, and charts. (292.01.a)	64	50-1

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3.M.5.1.2	Use appropriate vocabulary. (292.01.c)	64	50-1
	Goal 5.2: Collect, organize, and display data.		
	By the end of 3rd Grade, the student will be able to:		
3.M.5.2.1	Collect, organize, and display data in tables, charts, or bar graphs in order to answer a question. (292.02.a)	64	50-1
	Goal 5.3: Apply simple statistical measurements.		
	No objectives at this grade level.		
	Goal 5.4: Understand basic concepts of probability.		
	No objectives at this grade level.		
	Goal 5.5: Make predictions or decisions based on data.		
	By the end of 3rd Grade, the student will be able to:		
3.M.5.5.1	Make predictions based on data.	64	50-2 to 50-4