Math Teachers Press, Inc.
4850 Park Glen Road, Minneapolis, MN 55416
phone (800) 852-2435 fax (952) 546-7502

CKP 6/06

IDAHO ACHIEVEMENT STANDARDS CORRELATED TO *MOVING WITH MATH® EXTENSIONS GRADE 5*

		Student Book	Skill Builders
	STANDARD 1: NUMBER AND OPERATION		
	Goal 1.1: Understand and use numbers.		
	By the end of 5th Grade, the student will be able to:		
5.M.1.1.1	Read, write, compare, and order whole numbers through millions and decimal numbers through thousandths. (307.01.a)	1-3	1-1, 2-1
5.M.1.1.2	Identify and apply place value in whole numbers and decimal numbers to thousandths. (307.01.b)	1, 2	
5.M.1.1.3	Count back change from $10.00.	40	43-1
5.M.1.1.4	Compare and order commonly used fractions and their equivalents. (307.01.c)	32, 44, 45	13-1
5.M.1.1.5	Identify decimal equivalents of commonly used fractions. (307.01.c)	45	25-1
5.M.1.1.6	Apply the number theory concepts of primes, composites, multiples, and factors. (307.01.f)	7	4-1
5.M.1.1.7	Select strategies appropriate for solving a problem.	13, 14, 18, 26 ,48, 49	45-1,2,3,4,5
5.M.1.1.8	Use appropriate vocabulary.		11-2
	Goal 1.2: Perform computations accurately.		
	By the end of 5h grade, the student will be able to:		
5.M.1.2.1	Recall basic multiplication and division facts up to 10's. (307.02.d)	16, 17, 23-25	10-1, 45-1, 45-2
5.M.1.2.2	Add and subtract decimal numbers through thousandths. (307.02.c)	40-43, 46, 47	21-1, 22-1, 23-1, 26-1, 43-1
5.M.1.2.3	Multiply and divide whole numbers. (307.02.a)	14-17, 19, 20, 23-25	8-1 to 8-3, 9-1, 10-1 to 10-3
5.M.1.2.4	Add and subtract fractions with like denominators without simplification. (307.02.b)	33-35, 37, 38	15-1 to 15-3, 16-1, 17-1 to 17-4

		Student Book	Skill Builders
5.M.1.2.5	Evaluate numerical expressions that include parentheses. (307.02.e)		
5.M.1.2.6	Select and use an appropriate method of computation from mental math, paper and pencil, calculator or combination of the three. (307.02.f)	14-17, 19, 20, 23-25, 33-35, 37, 38, 40-43, 46,47	8-1 to 8-3, 9-1, 10-1 to 10-3, 15-1 to 15-3, 16-1, 17-1 to 17-4, 21-1, 22-1, 23-1, 26-1, 43-1
5.M.1.2.7	Use a variety of strategies to solve real life problems. (308.01.a)	13, 26, 48, 49	45-1 to 45-5
5.M.1.2.8	Use appropriate vocabulary. (307.02.g)	Glossary and vocabulary words in lessons	
	Goal 1.3: Estimate and judge reasonableness of results.		
	By the end of 5h Grade, the student will be able to:		
5.M.1.3.1	Estimate to predict computation results. (307.03.a)	4-6, 18	3-1, 3-2, 49-1, 49-2, 50-1
5.M.1.3.2	Identify when an estimate is sufficient or when an exact answer is required. (307.03.b)		
5.M.1.3.3	Explain why a given estimate is an overestimate or underestimate. (307.03.c)		
5.M.1.3.4	Use a four-function calculator to solve complex grade-level problems.		
5.M.1.3.5	Formulate conjectures and discuss why they must be or seem to be true. (308.02.c)		
5.M.1.3.6	Use appropriate vocabulary. (307.03.d)	Glossary and vocabulary words in lessons	
	STANDARD 2: CONCEPTS AND PRINCIPLES OF MEASUREMENT.		
	Goal 2.1: Understand and use U.S. customary and metric measurements.		
	By the end of 5th Grade, the student will be able to:		
5.M.2.1.1	Select and use appropriate units and tools to make formal measurements of length, temperature, weight, and volume (capacity) in both systems. (309.01.a)	55, 56, 61, 62	36-1, 37-1, 41-1, 42-1

		Student Book	Skill Builders
5.M.2.1.2	Estimate length, time, weight, temperature, and volume (capacity) in real-world problems using standard units. (309.01.b)	55, 56, 59	36-1, 37-1, 41-1, 42-1
5.M.2.1.3	Tell time to the nearest second.	60	
5.M.2.1.4	Solve real world problems related to elapsed time. (309.01.d)	60	40-1
5.M.2.1.5	Calculate the perimeter of polygons and the area of rectangles and squares. (309.01.c, 311.01.d)	57, 58	38-1, 38-2
5.M.2.1.6	Convert units of length within each system. (309.01.e)	55, 61, 62	40-1, 41-1, 42-1
5.M.2.1.7	Convert days into weeks and years and years into decades and centuries.		
5.M.2.1.8	Recall length, volume (capacity), and mass equivalences involving millimeters, centimeters, meters, milliliters, liters, grams, and kilograms in the metric system.		40-1, 41-1, 42-1
5.M.2.1.9	Use appropriate vocabulary. (309.01.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 5th Grade, the student will be able to:		
5.M.3.1.1	Write a division problem as a proper and an improper fraction.		14-1
5.M.3.1.2	Translate simple word statements for addition and multiplication into numeric expressions. (310.01.b)		45-5
5.M.3.1.3	Write a fact family when given two factors.		
5.M.3.1.4	Read and use symbols of "<," ">," and "=" to express relationships. (310.01.c)	3, 32	2-1

		Student Book	Skill Builders
	Goal 3.2: Evaluate algebraic expressions.		
	By the end of 5th Grade, the student will be able to:		
5.M.3.2.1	use the following properties as they relate to addition and multiplication: commutative, associative, and distributive. (310.02.a)	8	5-1, 5-2
	Goal 3.3: Solve algebraic equations and inequalities.		
	By the end of 5th Grade, the student will be able to:		
5.M.3.3.1	Solve missing factor problems. (310.03.a)		
	Goal 3.4: Understand the concept of functions.		
	By the end of 5th Grade, the student will be able to:		
5.M.3.4.1	Identify the rule for a pattern using whole numbers and extend the pattern. (310.01.a)	27	44-1
5.M.3.4.2	Use appropriate vocabulary. (313.01.d)	Glossary and vocabulary words in lessons	
	Goal 3.5: Represent equations, inequalities and functions in a variety of formats.		
	No objectives at this grade level.		
	Goal 3.6: Apply functions to a variety of problems.		
	By the end of 5th Grade, the student will be able to:		
5.M.3.6.1	Use patterns to represent problems. (313.02.a)		44-1
	STANDARD 4: CONCEPTS AND PRINCIPLES OF GEOMETRY		
	Goal 4.1: Apply concepts of size, shape, and spatial relationships.		
	By the end of 5th Grade, the student will be able to:		
5.M.4.1.1	Identify, compare and analyze attributes of polygons and polyhedral and develop vocabulary to describe the attributes. (311.01.a)	53, 54	34-1, 35-1
5.M.4.1.2	Classify angles without formal measures as acute, right, obtuse, and/or straight.		33-1

		Student Book	Skill Builders
5.M.4.1.3	Identify and label points, lines, line segments, rays, and angles. (311.01.b)	50-52	31-1, 31-2, 32-1
5.M.4.1.4	Discuss and predict the results of sliding, flipping, and turning two-dimensional shapes. (311.01.e)		32-2
5.M.4.1.5	Identify shapes as congruent, similar, or symmetrical.		
5.M.4.1.6	Explain the difference between perimeter and area of a polygon. (311.01.d)	57, 58	38-1,2
5.M.4.1.7	Use appropriate vocabulary. (311.01.f)		
	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 5th Grade, the student will be able to:		
5.M.4.3.1	Use ordered pairs to identify and plot points in the first quadrant on a coordinate grid. (311.02.a)		44-2
	STANDARD 5: DATA ANALYSIS, PROBABILITY, AND STATISTICS		
	Goal 5.1: Understand data analysis.		
	By the end of 5th Grade, the student will be able to:		
5.M.5.1.1	Read and interpret tables, charts, bar graphs, and line graphs. (312.01.a)	18, 63, 64	47-1, 48-1
5.M.5.1.2	Use appropriate vocabulary. (312.01.c)	Glossary and vocabulary words in lessons	
	Goal 5.2: Collect, organize, and display data.		
	By the end of 5th Grade, the student will be able to:		
5.M.5.2.1	Collect, organize, and display the data with appropriate notation in tables, charts, bar graphs, and line graphs. (312.02.a)	22, 63	48-1
	Goal 5.3: Apply simple statistical measurements.		
	By the end of 5th Grade, the student will be able to:		

		Student Book	Skill Builders
5.M.5.3.1	Find measures of central tendency - median and mode - with simple sets of data using whole numbers. (312.03.a)	21	46-1, 46-2
5.M.5.3.2	Find the range of a set of data using whole numbers. (312.03.b)		
	Goal 5.4: Understand basic concepts of probability.		
	By the end of 5th Grade, the student will be able to:		
5.M.5.4.1	Predict, perform, and record results of simple probability experiments using fraction notation. (312.04.a)		47-2
5.M.5.4.2	Use the language of probability. (312.04.b)	Glossary and vocabulary words in lessons	47-2
	Goal 5.5: Make predictions or decisions based on data.		
	By the end of 5th Grade, the student will be able to:		
5.M.5.5.1	Make predictions and decisions based on data. (308.01.c)		47-2