

IDAHO CONTENT STANDARDS GRADE 2 MATHEMATICS

Standard 1: Number and Operation

Goals:	Objective 1	Objective 2	Objective 3	Objective 4	Objective 5	Objective 6	Objective 7	Objective 8	Objective 9
Goal 1.1: Understand and use numbers.	2.M.1.1.1 Demonstrate knowledge of our numeration system by counting forward by twos, fives, and tens to 100 and by counting forward and backward by ones from any given number less than 100. (277.01.a)	2.M.1.1.2 Read, write, compare, and order whole numbers to 1,000. (277.01.b)	2.M.1.1.3 Identify place value through 999. (277.01.c)	2.M.1.1.4 Count the value of a collection of pennies, nickels, dimes, and quarters up to \$1.00. (277.01.d)	2.M.1.1.5 Recognize mathematical information and select strategies appropriate for solving a problem. (278.01.a)	2.M.1.1.6 Use appropriate vocabulary. (277.01.f)			
Goal 1.2: Perform computations accurately.	2.M.1.2.1 Use strategies for addition and subtraction combinations through 18. (277.02.a)	2.M.1.2.2 Add whole numbers with and without regrouping through 99. (277.02.b)	2.M.1.2.3 Add three one-digit addends. (277.02.c)	2.M.1.2.4 Choose addition or subtraction to solve word problems and explain the choice. (278.01.b)	2.M.1.2.5 Use appropriate vocabulary. (277.02.e)				
Goal 1.3: Estimate and judge reasonableness of results.	2.M.1.3.1 Estimate to predict the sum of numbers through 99. (277.03.a)	2.M.1.3.2 Use estimation to evaluate the reasonableness of the sum of numbers through 99. (277.03.b)	2.M.1.3.3 Use appropriate vocabulary. (277.03.c)						

Standard 2: Concepts and Principles of Measurement

Goals:	Objective 1	Objective 2	Objective 3	Objective 4	Objective 5	Objective 6	Objective 7	Objective 8	Objective 9
Goal 2.1: Understand and use U.S. customary and metric measurements.	2.M.2.1.1 Select a tool that can measure a given attribute (ruler – length, cup – volume, balance – weight, clock – time, thermometer – temperature). (279.01.a)	2.M.2.1.2 Estimate length and time using standard units. (279.01.b)	2.M.2.1.3 Tell time using both digital and analog clocks to the half hour. (279.01.c)	2.M.2.1.4 Select the most appropriate unit to measure the time of a given situation (minutes, hours). (279.01.d)	2.M.2.1.5 Recite the months of the year, in order.	2.M.2.1.6 Use appropriate vocabulary. (279.01.e)			
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.								

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Standard 3: Concepts and Language of Algebra and Functions

Goals:	Objective 1	Objective 2	Objective 3	Objective 4	Objective 5	Objective 6	Objective 7	Objective 8	Objective 9
Goal 3.1: Use algebraic symbolism as a tool to represent mathematical relationships.	2.M.3.1.1 Write addition and subtraction problems vertically and horizontally. (280.01.a)	2.M.3.1.2 Write a number sentence from an addition or subtraction problem-solving situation. (278.02.a)	2.M.3.1.3 Show the relationship between addition and subtraction using fact families. (280.01.d)	2.M.3.1.4 Compare numbers to 999 using the vocabulary words/phrases of less than, greater than, equal to. (280.01.c)					
Goal 3.2: Evaluate algebraic expressions.	2.M.3.2.1 Use the commutative property of addition.	2.M.3.2.2 Solve addition problems using the commutative property (e.g., If $7 + 5 = 12$, then what is $5 + 7$?).							
Goal 3.3: Solve algebraic equations and inequalities.	No objectives at this grade level.								
Goal 3.4: Understand the concept of functions.	2.M.3.4.1 Translate a repeating pattern from one representation to another (e.g., even, odd, even, odd translates to ABAB). (283.01.a)	2.M.3.4.2 Use appropriate vocabulary. (283.01.c)							
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.	No objectives at this grade level.								

Standard 4: Concepts and Principles of Geometry

Goals:	Objective 1	Objective 2	Objective 3	Objective 4	Objective 5	Objective 6	Objective 7	Objective 8	Objective 9
Goal 4.1: Apply concepts of size, shape, and spatial relationships.	2.M.4.1.1 Recognize, name, build, compare, and sort the two- and three-dimensional shapes of triangles, rectangles, squares, circles, cones, cubes, spheres, cylinders, and pyramids. (281.01.a)	2.M.4.1.2 Sort and classify objects by more than one attribute. (283.01.b)	2.M.4.1.3 Draw a line of symmetry. (281.01.b)	2.M.4.1.4 Use appropriate vocabulary. (281.01.d)					
Goal 4.2: Apply the geometry of right triangles.	No objectives at this grade level.								
Goal 4.3: Apply graphing in two dimensions.	2.M.4.3.1 Indicate whether a number is above or below a benchmark number of 1000 or less on a number line.								

**IDAHO CONTENT STANDARDS
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Standard 5: Data Analysis, Probability, and Statistics

Goals:	Objective 1	Objective 2	Objective 3	Objective 4	Objective 5	Objective 6	Objective 7	Objective 8	Objective 9
Goal 5.1: Understand data analysis.	2.M.5.1.1 Interpret information found in simple tables, charts, bar graphs, and pictographs. (282.01.a)	2.M.5.1.2 Use appropriate vocabulary. (282.01.b)							
Goal 5.2: Collect, organize, and display data.	2.M.5.2.1 Gather and display data in tables, charts, and bar graphs in order to answer a question. (282.02.a)	2.M.5.2.2 Use tally marks to represent data.							
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.	No objectives at this grade level.								