

IDAHO CONTENT STANDARDS KINDERGARTEN 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. | K.M.1.1.1 Demonstrate knowledge of our numeration system by counting forward by ones to at least 31. (257.01.a) | K.M.1.1.2 Show the verbal, symbolic, and physical representations of a number up to 10. (257.01.b) | K.M.1.1.3 Identify a penny as a value of money. (257.01.c) | K.M.1.1.4 Select strategies appropriate for solving a problem. (258.01.a) | K.M.1.1.5 Use appropriate vocabulary. | | | | |
| Goal 1.2: Perform computations accurately. | K.M.1.2.1 Use concrete objects to illustrate the concepts of addition and subtraction. (257.02.a) | K.M.1.2.2 Use appropriate vocabulary. (257.02.b) | | | | | | | |
| Goal 1.3: Estimate and judge reasonableness of results. | K.M.1.3.1 Use estimation to identify a number of objects. (257.03.a) | K.M.1.3.2 Use estimation to evaluate the reasonableness of an answer. (257.03.b) | K.M.1.3.3 Use appropriate vocabulary. (257.03.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. | K.M.2.1.1 Compare the lengths or sizes of objects (e.g., longer, shorter, larger, smaller). | K.M.2.1.2 Estimate measurement using concrete objects. (259.01.b) | K.M.2.1.3 Name the day of the week and the day’s date using a calendar. | K.M.2.1.4 Use appropriate vocabulary. (259.01.c) | | | | | |
| 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. | K.M.3.1.1 Use concrete objects to identify and show a solution to problems. (258.02.a) | K.M.3.1.2 Compare sets of objects using vocabulary (less than, greater than, and same as). (260.01.a) | | | | | | | |
| Goal 3.2: Evaluate algebraic expressions. | No objectives at this grade level. | | | | | | | | |
| Goal 3.3: Solve algebraic equations and inequalities. | No objectives at this grade level. | | | | | | | | |
| Goal 3.4: Understand the concept of functions. | K.M.3.4.1 Replicate and extend simple repeating patterns (e.g., ABAB). (263.01.a) | K.M.3.4.2 Use appropriate vocabulary. (263.01.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. | K.M.4.1.1 Recognize, name, compare, and sort two- and three- dimensional shapes (triangle, rectangle, square, circle, cone, cube). (261.01.a) | K.M.4.1.2 Sort and classify objects. | K.M.4.1.3 Apply appropriate vocabulary. (261.01.d) | | | | | | |
| Goal 4.2: Apply the geometry of right triangles. | No objectives at this grade level. | | | | | | | | |
| Goal 4.3: Apply graphing in two dimensions. | K.M.4.3.1 Describe the location of an object relative to another (e.g., next to, under, over, behind). | | | | | | | | |

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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. | K.M.5.1.1 Interpret information from real object graphs and simple pictographs. (262.01.a) | K.M.5.1.2 Use appropriate vocabulary. (262.01.b) | | | | | | | |
| Goal 5.2: Collect, organize, and display data. | K.M.5.2.1 Create a graph using real objects or pictorial representations. (262.02.a) | | | | | | | | |
| 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. | | | | | | | | |