

A Correlation of

**SCOTT FORESMAN ■ ADDISON WESLEY**

**Mathematics**

to the

**Nevada  
Mathematics Content  
Standards**

**Grades K-6**



M/M-1

## Introduction

This document demonstrates the high degree of success students will achieve when using **Scott Foresman – Addison Wesley Mathematics** in meeting the objectives of the Nevada Mathematics Content Standards. Correlation page references are to the Teacher Editions, which contain facsimile Pupil Edition pages.

**Scott Foresman – Addison Wesley Mathematics** was carefully developed to reflect the specific needs of students and teachers at every grade level, while maintaining an overall primary goal: to have math make sense from every perspective. This program is based on scientific research that describes how children learn mathematics well and on classroom-based evidence that validates proven reliability.

### ● **Reaching All Learners**

**Scott Foresman – Addison Wesley Mathematics** addresses the needs of every student through structured instruction that makes concepts easier for students to grasp. Lessons provide step-by-step examples that show students how to think about and solve the problem. Built-in leveled practice in every lesson allows the teacher to customize instruction to match students' abilities. Reaching All Learners, featured in the Teacher Edition, helps teachers meet the diverse needs of the classroom with fun and stimulating activities that are easy to incorporate directly into the lesson plan.

### ● **Test Prep**

**Scott Foresman - Addison Wesley Mathematics** builds understanding through connections to prior knowledge, math strands, other subjects and the real world. It provides practice for maximum results and offers assessment in a variety of ways. Besides carefully placed reviews at the end of each Section, an important Test Prep strand runs throughout the program. Writing exercises prepare students for open-ended and short-or extended-response questions on state and national tests. Spiral review in a test format help students keep their test-taking skills sharp.

### ● **Priority on problem solving:**

Problem-solving instruction is systematic and explicit. Reading connections help children with problem-solving skills and strategies for math. Reading for Math Success encourages students to use the reading skills and strategies they already know to solve math problems.

### ● **Instructional Support**

In the Teacher Edition, the Lesson Planner provides an easy, at-a-glance planning tool. It identifies objectives, math understandings, focus questions, vocabulary, and resources for each lesson in the chapter. Professional Development at the beginning of each chapter in the Teacher Edition includes a Skills Trace as well as Math Background and Teaching Tips for each section in the chapter.

Ancillaries help to reach all learners with practice, problem solving, hands-on math, language support, assessment and teacher support. Technology resources for both the student and the teacher provide a whole new dimension to math instruction by helping to create motivating and engaging lessons.

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**Scott Foresman - Addison Wesley Mathematics  
to the  
Nevada Mathematics Content Standards  
Kindergarten**

**Numbers, Number Sense, and Computation**

**Content Standard 1.0:** To solve problems, communicate, reason, and make connections within and beyond the field of mathematics, students will accurately calculate and use estimation techniques, number relationships, operation rules, and algorithms; they will determine the reasonableness of answers and the accuracy of solutions.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i><b>By the end of Kindergarten, students know and are able to:</b></i>	
<b>Facts</b>	
<b>1.K.1 Use concrete objects to model simple sums and differences.</b>	225A-225B, 225-226, 227A-227B, 227-228, 229A-229B, 229-230, 231A-231B, 231-232, 233A-233B, 233-234, 235A-235B, 235-236, 237A-237B, 237-238, 239A-239B, 239-240, 245A-245B, 245-246, 247A-247B, 247-248, 249A-249B, 249-250, 251A-25B, 251-252, 253A-253B, 253-254, 255A-255B, 255-256, 257A-257B, 257-258, 259A-259B, 259-260, 265A-265B, 265-266, 267A-267B, 267-268, 269A-269B, 269-270, 271A-271B, 271-272, 273A-273B, 273-274, 275A-275B, 275-276, 277A-277B, 277-278, 279A-279B, 279-280, 281A-281B, 281-282
<b>Computation</b>	
<b>1.K.5 Count to 20.</b>	53A-53B, 53-54, 57A-57B, 57-58, 77A-77B, 77-78, 79A-79B, 79-80, 85A-85B, 85-86, 103A-103B, 103-104, 113A-113B, 113-114, 115A-115B, 115-116

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<b>Comparison and Ordering</b>	
<b>1.K.6</b> Recognize, read, and write numbers from 0-10.	55A-55B, 55-56, 59A-59B, 59-60, 61A-61B, 61-62, 81A-81B, 81-82, 85A-85B, 85-86
<b>Estimation and Rounding</b>	
<b>1.K.7</b> Estimate the number of objects in a set to 10 and verify by counting; use ordinal positions first to third.	67A-67B, 67-68, 69A-69B, 69-70, 97A-97B, 98, 119A-119B, 119-120, 127A-127B, 127-128
<b>Place value</b>	
<b>1.K.8</b> Match the number of objects to the correct numeral, 0-10.	71A-71B, 71-72

### Patterns, Functions, and Algebra

**Content Standard 2.0:** To solve problems, communicate, reason, and make connections within and beyond the field of mathematics, students will use various algebraic methods to analyze, illustrate, extend, and create numerous representations (words, numbers, tables, and graphs) of patterns, functions, and algebraic relations as modeled in practical situations.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i>By the end of Kindergarten, students know and are able to:</i>	
<b>Patterns</b>	
<b>2.K.1</b> Sort and describe objects by similar attributes; recognize and replicate a pattern.	11A-11B, 11-12, 13A-13B, 13-14, 15A-15B, 15-16, 17A-17B, 17-18, 19A-19B, 19-20, 35A-35B, 35-36, 37A-37B, 37-38, 39A-39B, 39-40, 41A-41B, 41-42, 43A-43B, 43-44, 45A-45B, 45-46, 47A-48B, 48, 95A-95B, 95-96

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<b>Number Sentences and Equations</b>	
<b>2.K.4</b> Identify and create sets of objects with unequal amounts, describing them as more or less.	27A-27B, 27-28, 29A-29B, 29-30, 31A-31B, 31-32, 33A-33B, 33-34, 47A-48B, 47, 71A-71B, 71-72, 97A-97B, 97

### Measurement

**Content Standard 3.0:** To solve problems, communicate, reason and make connections within and beyond the field of mathematics, students will use appropriate tools and techniques of measurement to determine, estimate, record, and verify direct and indirect measurements.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i>By the end of Kindergarten, students know and are able to:</i>	
<b>Comparison and Ordering</b>	
<b>3.K.1</b> Compare and order objects by size communicating their similarities and differences.	133A-133B, 133-134, 135A-135B, 135-136, 137A-137B, 137-138, 145A-145B, 145-146, 149A-149B, 149-150
<b>Money</b>	
<b>3.K.4</b> Identify and sort pennies, nickels, and dimes.	179A-179B, 179-180, 181A-181B, 181-182, 183A-183B, 183-184, 185A-185B, 185-186
<b>Time</b>	
<b>3.K.6</b> Recite, in order, the days of the week.	161A-161B, 161-162, 163A-163B, 163-164, 167A-167B, 167-168

## Spatial Relationships and Geometry

**Content Standard 4.0:** To solve problems, communicate, and make connections within and beyond the field of mathematics, students will identify, represent, verify, and apply spatial relationships and geometric properties.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i>By the end of Kindergarten, students know and are able to:</i>	
<b>Two-Dimensional Shapes</b>	
<b>4.K.1</b> Identify two-dimensional shapes (circles, triangles, rectangles including squares) regardless of position.	39A-39B, 39-40, 201A-201B, 201-202, 203A-203B, 203-204, 205A-205B, 205-206, 207A-207B, 207-20
<b>Congruence, Similarity, and Transformations</b>	
<b>4.K.2</b> Use position words (e.g., middle, before, down) to place objects.	3A-3B, 3-4, 5A-5B, 5-6, 7A-7B, 7-8, 9A-9B, 9-10, 21A-21B, 21
<b>Coordinate Geometry and Line of Symmetry</b>	
<b>4.K.3</b> Identify two-dimensional figures (e.g., windows are shaped like rectangles) as they appear in the environment.	201A-201B, 202 (Home Activity), 203A-203B, 204 (Home Activity), 205A-205B, 206 (Home Activity), 219A-219B, 219-220

**Data Analysis**

**Content Standard 5.0:** To solve problems, communicate, reason, and make connections within and beyond the field of mathematics, students will collect, organize, display, interpret, and analyze data to determine statistical relationships and probability projections.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i>By the end of Kindergarten, students know and are able to:</i>	
<b>Data Collection and Organization</b>	
<b>5.K.1</b> <b>Collect and describe data.</b>	29A-29B, 29-30, 31A-31B, 31-32, 33A-33B, 33-34, 47A-48B, 47, 125A-125B, 125-126, 127A-127B, 127-128, 219A-219B, 219, 233A-233B, 233-234, 299A-299B, 299-300



**Scott Foresman – Addison Wesley Mathematics  
to the  
Nevada Mathematics Content Standards  
Grade One**

**Numbers, Number Sense, and Computation**

**Content Standard 1.0:** To solve problems, communicate, reason, and make connections within and beyond the field of mathematics, students will accurately calculate and use estimation techniques, number relationships, operation rules, and algorithms; they will determine the reasonableness of answers and the accuracy of solutions.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i>By the end of Grade 1, students know and are able to do everything required in the previous grade and:</i>	
<b>Facts</b>	
<b>1.1.1 Identify and model basic addition facts (sums through 10) and the corresponding subtraction facts.</b>	11A-11B, 11-12, 13A-13B, 13-14, 15A-15B, 15-16, 17A-17B, 17-18, 21A-21B, 21-22, 91A-91B, 91-92, 93A-93B, 93-94, 95A-95B, 95-96, 97A-97B, 97-98, 103A-103B, 103-104, 105A-105B, 105-106, 107A-107B, 107-108, 125A-125B, 125-126, 127A-127B, 127-128, 129A-129B, 129-130, 137A-137B, 137-138, 139A-139B, 139-140, 141A-141B, 141-142
<b>Word Problems and Number Theory</b>	
<b>1.1.3 Write, model, and describe one-step addition and subtraction problems.</b>	45A-45B, 45-46, 47A-47B, 47-48, 49A-49B, 49-50, 51A-51B, 51-52, 53A-53B, 53-54, 55A-55B, 55-56, 61A-61B, 61-62, 63A-63B, 63-64, 65A-65B, 65-66, 67A-67B, 67-68, 69A-69B, 69-70, 71A-71B, 71-72, 75A-75B, 75-76, 77A-77B, 77-78, 79A-79B, 79-80, 99A-99B, 99-100, 111A-111B, 111-112, 113A-113B, 113-114, 133A-133B, 133-134, 143A-143B, 143-144, 145A-145B, 145-146

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<b>Computation</b>	
<b>1.1.5</b> <b>Use the inherent patterns in numbers to skip count by 1's, 2's, 5's, and 10's to 100.</b>	97A-97B, 97-98, 125A-125B, 125-126, 243A-243B, 243-244, 245A-245B, 245-246, 255A-255B, 255-256, 257A-257B, 257-258, 261A-261B, 261-262, 265-266, 269A-269B, 269-270, 281A-281B, 281-282
<b>Comparison and Ordering</b>	
<b>1.1.6</b> <b>Read, write, order, and compare numbers from 0-100.</b>	25A-25B, 25-26, 27A-27B, 27-28, 29A-29B, 29-30, 31A-31B, 31-32, 75A-75B, 75-76, 77A-77B, 77-78, 295A-295B, 295-296, 297A-297B, 297-298, 299A-299B, 299-300, 301A-301B, 301-302
<b>Estimation and Rounding</b>	
<b>1.1.7</b> <b>Estimate the number of objects in a set to 10; read and write number words to 10 and use ordinal positions first to tenth.</b>	249A-249B, 249-250, 257A-267B, 267-268, 269A-269B, 269-270, 299A-299B, 299-300, 467A-467B, 467-468
<b>Place value</b>	
<b>1.1.8</b> <b>Use, model, and identify place value positions of 1's and 10's.</b>	241A-241B, 241-242, 247A-247B, 247-248, 281A-281B, 281-282, 283A-283B, 283-284, 285A-285B, 285-286, 287A-287B, 287-288, 291A-291B, 291-292, 303A-303B, 303-304
<b>Fractions</b>	
<b>1.1.9</b> <b>Identify and model a whole; identify and model <math>\frac{1}{2}</math>.</b>	181A-181B, 181-182, 183A-183B, 183-184, 187A-187B, 187-188, 189A-189B, 189-190, 193A-193B, 194

**Patterns, Functions, and Algebra**

**Content Standard 2.0:** To solve problems, communicate, reason, and make connections within and beyond the field of mathematics, students will use various algebraic methods to analyze, illustrate, extend, and create numerous representations (words, numbers, tables, and graphs) of patterns, functions, and algebraic relations as modeled in practical situations.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i>By the end of Grade 1, students know and are able to do everything required at the previous grade and:</i>	
<b>Patterns</b>	
<b>2.1.1</b> Recognize, describe, extend, and create simple repeating patterns using symbols, objects, and manipulatives.	3A-3B, 3-4, 5A-5B, 5-6, 7A-7B, 7-8, 33A-33B, 33-34, 177A-177B, 177-178, 255A-255B, 255-256, 257A-257B, 257-258, 261A-261B, 261-262, 269A-269B, 269-270
<b>Number Sentences and Equations</b>	
<b>2.1.4</b> Create, compare, and describe sets of objects as more, less, or equal (amounts).	133A-133B, 133-134, 263A-263B, 263-264, 297A-297B, 297-298, 301A-301B, 301-302

**Measurement**

**Content Standard 3.0:** To solve problems, communicate, reason and make connections within and beyond the field of mathematics, students will use appropriate tools and techniques of measurement to determine, estimate, record, and verify direct and indirect measurements.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i>By the end of Grade 1, students know and are able to do everything required in the previous grade and:</i>	
<b>Comparison and Ordering</b>	
<b>3.1.1</b> <b>Compare and order objects by length and weight, communicating their similarities and differences.</b>	365A-365B, 365-366, 369A-369B, 369-370, 389A-389B, 389-390, 397A-397B, 397-398
<b>Measurement</b>	
<b>3.1.2</b> <b>Compare and measure length and weight, using non-standard measurement.</b>	365A-365B, 365-366, 369A-369B, 369-370, 389A-389B, 389-390, 397A-397B, 397-398
<b>Money</b>	
<b>3.1.4</b> <b>Determine the value of any set of pennies, nickels, and dimes.</b>	331A-331B, 331-332, 333A-333B, 333-334, 335A-335B, 335-336, 337A-337B, 337-338, 339A-339B, 339-340, 345A-345B, 345-346, 351A-351B, 351-352, 353A-353B, 353-354
<b>Time</b>	
<b>3.1.6</b> <b>Recite the months of the year in order; use a calendar to identify days, weeks, months, and year; read time to the nearest hour; distinguish between day and night.</b>	207A-207B, 207-208, 209A-209B, 209-210, 225A-225B, 225-226, 227A-227B, 227-228

## Spatial Relationships and Geometry

**Content Standard 4.0:** To solve problems, communicate, and make connections within and beyond the field of mathematics, students will identify, represent, verify, and apply spatial relationships and geometric properties.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i>By the end of Grade 1, students know and are able to do everything required in the previous grade and:</i>	
<b>Two-Dimensional Shapes</b>	
<b>4.1.1</b> <b>Name, sort, and sketch two-dimensional shapes (circles, triangles, rectangles including squares) regardless of position.</b>	161A-161B, 161-162, 165A-165B, 165-166, 167A-167B, 167-168, 169A-169B, 169-170
<b>Congruence, Similarity, and Transformations</b>	
<b>4.1.2</b> <b>Use position words (e.g., between, left, near) to describe location of objects.</b>	xvii-xviii, 169A-169B, 169-170, 173A-173B, 173-174, 317A-317B, 317-318
<b>Coordinate Geometry and Line of Symmetry</b>	
<b>4.1.3</b> <b>Identify and replicate two-dimensional designs that contain a line of symmetry.</b>	171A-171B, 171-172, 193A-193B, 194

## Data Analysis

**Content Standard 5.0:** To solve problems, communicate, reason, and make connections within and beyond the field of mathematics, students will collect, organize, display, interpret, and analyze data to determine statistical relationships and probability projections.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i>By the end of Grade 1, students know and are able to do everything required in the previous grade and:</i>	
<b>Data Collection and Organization</b>	
<b>5.1.1</b> <b>Collect, organize, and describe data.</b>	177A-177B, 177-178, 251A-251B, 251-252, 307A-307B, 307-308, 309A-309B, 309-310, 311A-311B, 311-312, 313A-313B, 313-314, 315A-315B, 315-316, 317A-317B, 317-318, 319A-319B, 319-320, 339A-339B, 339-340, 353A-353B, 353-354, 431A-431B, 431-432, 481A-481B, 481-482

**Scott Foresman - Addison Wesley Mathematics  
to the  
Nevada Mathematics Content Standards  
Grade Two**

**Numbers, Number Sense, and Computation**

**Content Standard 1.0:** To solve problems, communicate, reason, and make connections within and beyond the field of mathematics, students will accurately calculate and use estimation techniques, number relationships, operation rules, and algorithms; they will determine the reasonableness of answers and the accuracy of solutions.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i>By the end of Grade 2, students know and are able to do everything required in the previous grade and:</i>	
<b>Facts</b>	
<b>1.2.1</b> Identify and model basic addition facts (sums to 18) and the corresponding subtraction facts; immediately recall basic addition facts (sums through 10) and the corresponding subtraction facts.	23A-23B, 23-24, 25A-25B, 25-26, 27A-27B, 27-28, 29A-29B, 29-30, 31A-31B, 31-32, 43A-43B, 43-44, 45A-45B, 45-46, 47A-47B, 47-48, 49A-49B, 49-50, 51A-51B, 51-52, 53A-53B, 53-54, 61A-61B, 61-62, 63A-63B, 63-64, 65A-65B, 65-66
<b>Application</b>	
<b>1.2.2</b> Add and subtract multi-digit numbers without regrouping.	175A-175B, 175-176, 177A-177B, 177-178, 179A-179B, 179-180, 181A-181B, 181-182, 211A-211B, 211-212, 213A-213B, 213-214, 215A-215B, 215-216, 217A-217B, 217-218, 427A-427B, 427-428
<b>Word Problems and Number Theory</b>	
<b>1.2.3</b> Generate and solve one-step addition and subtraction problems based on practical situations.	9A-9B, 9-10, 17A-17B, 17-18, 19A-19B, 19-20, 23A-23B, 23-24, 25A-25B, 25-26, 27A-27B, 27-28, 29A-29B, 29-30, 31A-31B, 31-32, 57A-57B, 57-58, 67A-67B, 67-68, 69A-69B, 69-70, 221A-221B, 221-222, 329A-329B, 330, 455A-455B, 455-456

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<b>Decimals and Money</b>	
1.2.4 Use decimals to show money amounts.	121A-121B, 121-122, 127
<b>Computation</b>	
1.2.5 Use the patterns in numbers to skip count.	99A-99B, 99-100, 467A-467B, 467-468
<b>Estimation and Rounding</b>	
1.2.7 Estimate the number of objects in a set to 20; read and write number words to 20 and use ordinal positions first to twentieth.	85A-85B, 85-86, 103A-103B, 103-104, 155A-155B, 155-156
<b>Place value</b>	
1.2.8 Use, model, and identify place value positions of 1's, 10's, and 100's.	81A-81B, 81-82, 83A-83B, 83-84, 85A-85B, 85-86, 89A-89B, 89-90, 391A-391B, 391-392, 393A-393B, 393-394, 395A-395B, 395-396, 397A-397B, 397-398, 399A-399B, 399-400, 401A-401B, 401-402
<b>Fractions</b>	
1.2.9 Identify, model, and label $\frac{1}{2}$ and $\frac{1}{4}$ as parts of a whole.	269A-269B, 269-270, 271A-271B, 271-272, 273A-273B, 273-274, 275A-275B, 275-276, 277A-277B, 277-278, 279A-279B, 279-280



## Patterns, Functions, and Algebra

**Content Standard 2.0:** To solve problems, communicate, reason, and make connections within and beyond the field of mathematics, students will use various algebraic methods to analyze, illustrate, extend, and create numerous representations (words, numbers, tables, and graphs) of patterns, functions, and algebraic relations as modeled in practical situations.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i>By the end of Grade 2, students know and are able to do everything required at the previous grade and:</i>	
<b>Patterns</b>	
<b>2.2.1</b> Recognize, describe, extend, and create repeating and increasing patterns using symbols, objects, and manipulatives; use patterns and their extensions to solve problems.	89A-89B, 89-90, 99A-99B, 99-100, 157A-157B, 157-158, 413A-413B, 413-414
<b>Relationships</b>	
<b>2.2.2</b> Generate and solve problems based on various numerical sentences; represent mathematical situations using numbers, symbols, and words.	5A-5B, 5-6, 9A-9B, 9-10, 17A-17B, 17-18, 19A-19B, 19-20, 57A-57B, 57-58, 67A-67B, 67-68, 69A-69B, 69-70, 163A-163B, 163-164, 221A-221B, 221-222, 455A-455B, 455-456
<b>Variables (Unknowns)</b>	
<b>2.2.3</b> Use variables and open sentences to express relationships.	5A-5B, 5-6, 9A-9B, 9-10, 17A-17B, 17-18, 19A-19B, 19-20, 57A-57B, 57-58, 67A-67B, 67-68, 69A-69B, 69-70, 163A-163B, 163-164, 221A-221B, 221-222, 455A-455B, 455-456
<b>Number Sentences and Equations</b>	
<b>2.2.4</b> Generate and solve problems based on various numerical sentences; represent mathematical situations using numbers, symbols, and words.	5A-5B, 5-6, 9A-9B, 9-10, 17A-17B, 17-18, 19A-19B, 19-20, 57A-57B, 57-58, 67A-67B, 67-68, 69A-69B, 69-70, 163A-163B, 163-164, 221A-221B, 221-222, 455A-455B, 455-456

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<b>Equation Solutions</b>	
<b>2.2.7</b> <b>Model, explain and solve a number sentence involving addition and subtraction.</b>	5A-5B, 5-6, 9A-9B, 9-10, 17A-17B, 17-18, 19A-19B, 19-20, 57A-57B, 57-58, 67A-67B, 67-68, 69A-69B, 69-70, 163A-163B, 163-164, 221A-221B, 221-222, 455A-455B, 455-456

### Measurement

**Content Standard 3.0:** To solve problems, communicate, reason and make connections within and beyond the field of mathematics, students will use appropriate tools and techniques of measurement to determine, estimate, record, and verify direct and indirect measurements.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i>By the end of Grade 2, students know and are able to do everything required in the previous grade and:</i>	
<b>Comparison and Ordering</b>	
<b>3.2.1</b> <b>Compare and order objects by various measurable attributes (e.g., time, temperature, length, weight, capacity and area) communicating their similarities and differences.</b>	341A-341B, 341-342, 343A-343B, 343-344, 345A-345B, 345-346, 347A-347B, 347-348, 351A-351B, 351-342, 353A-353B, 353-354, 355A-355B, 355-356, 357A-357B, 357-358, 359A-359B, 359-360, 363A-363B, 363-364, 365A-365B, 365-366, 367A-367B, 367-368, 369A-369B, 369-370
<b>Measurement</b>	
<b>3.2.2</b> <b>Compare objects to standard whole units to find objects that are greater than, less than, and/or equal to a given unit (e.g., inch, yard, centimeter, meter).</b>	341A-341B, 341-342, 343A-343B, 343-344, 345A-345B, 345-346, 347A-347B, 347-348, 351A-351B, 351-342, 353A-353B, 353-354, 355A-355B, 355-356, 357A-357B, 357-358, 359A-359B, 359-360, 363A-363B, 363-364, 365A-365B, 365-366, 367A-367B, 367-368, 369A-369B, 369-370

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<b>Money</b>	
<b>3.2.4</b> Determine the value of any given set of coins.	109A-109B, 109-110, 111A-111B, 111-112, 113A-113B, 113-114, 115A-115B, 115-116, 117A-117B, 117-118, 119A-119B, 119-120, 121A-121B, 121-122, 123A-123B, 123-124
<b>Time</b>	
<b>3.2.6</b> Read time to the nearest quarter hour; distinguish between A.M. and P.M.	293A-293B, 293-294, 295A-295B, 295-296, 297A-297B, 297-298, 301A-301B, 301-302

### Spatial Relationships and Geometry

**Content Standard 4.0:** To solve problems, communicate, and make connections within and beyond the field of mathematics, students will identify, represent, verify, and apply spatial relationships and geometric properties.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i>By the end of Grade 2, students know and are able to do everything required in the previous grade and:</i>	
<b>Two-Dimensional Shapes</b>	
<b>4.2.1</b> Describe, and compare two-dimensional shapes (circles, triangles, rectangles including squares) regardless of position.	249A-249B, 249-250, 251A-251B, 251-252, 255A-255B, 255-256, 265A-265B, 265-266
<b>Congruence, Similarity, and Transformations</b>	
<b>4.2.2</b> Compare the size (larger and smaller) of similar two-dimensional figures (e.g., circles, triangles); identify congruent shapes.	257A-257B, 257-258, 259A-259B, 259-260, 265A-265B, 266

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<b>Coordinate Geometry and Line of Symmetry</b>	
<b>4.2.3</b> <b>Identify figures with symmetry as they appear in the environment; create two-dimensional designs that contain a line of symmetry.</b>	261A-261B, 261-262, 265A-265B, 266, 279A-279B, 279-280
<b>Two- and Three-Dimensional Figures</b>	
<b>4.2.4</b> <b>Identify, name, sort, describe, two- and three-dimensional geometric figures and objects (e.g., circle/sphere, square/cube).</b>	247A-247B, 247-248, 249A-249B, 249-250, 251A-251B, 251-252, 255A-255B, 255-256, 265A-265B, 265-266

### Data Analysis

**Content Standard 5.0:** To solve problems, communicate, reason, and make connections within and beyond the field of mathematics, students will collect, organize, display, interpret, and analyze data to determine statistical relationships and probability projections.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i><b>By the end of Grade 2, students know and are able to do everything required in the previous grade and:</b></i>	
<b>Data Collection and Organization</b>	
<b>5.2.1</b> <b>Collect, organize, record, and explain classification of data using concrete materials.</b>	89A-89B, 89-90, 117A-117B, 117-118, 189A-189B, 189-190, 311A-311B, 311-312, 313A-313B, 313-314, 315A-315B, 315-316, 319A-319B, 319-320, 321A-321B, 321-322, 323A-323B, 323-324, 325A-325B, 325-326, 327A-327B, 327-328, 405-406, 439A-439B, 439-440

**Scott Foresman – Addison Wesley Mathematics  
to the  
Nevada Mathematics Content Standards  
Grade Three**

**Numbers, Number Sense, and Computation**

**Content Standard 1.0:** To solve problems, communicate, reason, and make connections within and beyond the field of mathematics, students will accurately calculate and use estimation techniques, number relationships, operation rules, and algorithms; they will determine the reasonableness of answers and the accuracy of solutions.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i><b>By the end of Grade 3, students know and are able to do everything required in the previous grade and:</b></i>	
<b>Facts</b>	
<b>1.3.1 Immediately recall and use addition, subtraction, and multiplication facts to 81.</b>	70A-70B, 70-71, 80A-80B, 80-81, 82A-82B, 82-85, 94A-94B, 94-95, 276A-276B, 276-279, 280A-280B, 280-281, 282A-282B, 282-283, 286A-286B, 286-287, 288A-288B, 288-291, 316A-316B, 316-317, 318A-318B, 318-319, 320A-320B, 320-323, 324A-324B, 324-327, 328A-328B, 328-329, 340A-340B, 340-341
<b>Application</b>	
<b>1.3.2 Add and subtract multi-digit numbers with regrouping.</b>	126A-126B, 126-127, 128A-128B, 128-131, 132-135, 136A-136B, 136-139, 146A-146B, 146-147, 148A-148B, 148-149, 150A-150B, 150-151, 152A-152B, 152-155, 156A-156B, 156-157

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<b>Word Problems and Number Theory</b>	
<b>1.3.3</b> <b>Generate and solve 2-step addition and subtraction and 1-step multiplication problems based on practical situations using pencil and paper, mental computation, and estimation.</b>	32A-32B, 32-33, 42A-42B, 42-43, 44A-44B, 44-45, 104A-104B, 104-105, 140A-140B, 140-143, 166A-166B, 166-167, 170A-170B, 170-171, 266A-266B, 266-267, 294A-294B, 294-295, 346A-346B, 346-347, 348A-348B, 348-349
<b>Decimals and Money</b>	
<b>1.3.4</b> <b>Add and subtract decimals using money as a model</b>	36A-36B, 36-39, 40A-40B, 40-41, 42A-42B, 42-43, 162A-162B, 162-166
<b>Computation</b>	
<b>1.3.5</b> <b>Model and explain multiplication, including as repeated addition.</b>	260A-260B, 260-261, 262A-262B, 262-265, 266A-266B, 266-267, 612A-612B, 612-615, 626A-626B, 626-629
<b>Comparison and Ordering</b>	
<b>1.3.6</b> <b>Read, write, order, and compare numbers from 0-999; read and write number words.</b>	18A-18B, 18-21, 22A-22B, 22-23, 168A-168B, 168-169
<b>Estimation and Rounding</b>	
<b>1.3.7</b> <b>Round to nearest tens and hundreds to determine reasonableness of the answer; read and write number words.</b>	28A-28B, 28-31, 102A-102B, 102-103, 160A-160B, 160-161, 510A-510B, 510-511, 506A-506B, 506-509, 512A-512B, 512-513
<b>Place value</b>	
<b>1.3.8</b> <b>Use, model, and identify place value positions up to 10,000.</b>	8A-8B, 8-9, 10A-10B, 10-11, 12A-12B, 12-13, 128A-128B, 128-131, 150A-150B, 150-151

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<b>Fractions</b>	
<b>1.3.9</b> <b>Model, sketch, and label fractions with denominators to 10; write fractions with numbers and words.</b>	498A-498B, 498-501, 502A-502B, 502-503, 504A-504B, 504-505, 506A-506B, 506-509, 510A-510B, 510-511, 512A-512B, 512-513, 516A-516B, 516-517, 518A-518B, 518-519, 520A-520B, 520-521, 522A-522B, 522-525

### Patterns, Functions, and Algebra

**Content Standard 2.0:** To solve problems, communicate, reason, and make connections within and beyond the field of mathematics, students will use various algebraic methods to analyze, illustrate, extend, and create numerous representations (words, numbers, tables, and graphs) of patterns, functions, and algebraic relations as modeled in practical situations.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i>By the end of Grade 3, students know and are able to do everything required at the previous grade and:</i>	
<b>Patterns</b>	
<b>2.3.1</b> <b>Recognize, describe, and create patterns using numbers; use number patterns and their extensions to solve problems.</b>	8A-8B, 8-9, 24A-24B, 24-27, 72A-72B, 72-73, 140A-140B, 140-142, 270A-270B, 270-273, 332A-332B, 332-335, 340A-340B, 340-341, 344A-344B, 344-345, 578A-578B, 578-579, 588A-588B, 588-589
<b>Variables (Unknowns)</b>	
<b>2.3.3</b> <b>Identify missing terms and missing numbers in open number sentences involving number facts in addition and subtraction.</b>	66A-66B, 66-69, 70A-70B, 70-71, 72A-72B, 72-73, 76A-76B, 76-77

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<b>Number Sentences and Equations</b>	
<b>2.3.4</b> <b>Complete number sentences with the appropriate words and symbols for addition, subtraction, less than, greater than, and equal to (+, −, &lt;, &gt;, =).</b>	18A-18B, 18-21, 104A-104B, 104-105, 140A-140B, 140-142, 168A-168B, 168-169, 170A-170B, 170-171, 540A-540B, 540-541, 588A-588B, 588-589

**Measurement**

**Content Standard 3.0:** To solve problems, communicate, reason and make connections within and beyond the field of mathematics, students will use appropriate tools and techniques of measurement to determine, estimate, record, and verify direct and indirect measurements.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i>By the end of Grade 3, students know and are able to do everything required in the previous grade and:</i>	
<b>Measurement</b>	
<b>3.3.2</b> <b>Select and use appropriate units of measurement; measure to a required degree of accuracy, and record results.</b>	532A-532B, 532-533, 534A-534B, 534-535, 536A-536B, 536-537, 538A-538B, 538-539, 582A-582B, 582-583, 584A-584B, 584-587, 680A-680B, 680-683, 684A-640B, 684-685, 690A-690B, 690-693, 694A-694B, 694-695, 696A-696B, 696-697
<b>Estimation and Formulas</b>	
<b>3.3.3</b> <b>Estimate and use measuring devices with standard and non-standard units to measure length, surface area, liquid volume, capacity, temperature, and weight, communicating the concepts of more, less, and equivalent.</b>	464A-464B, 464-467, 468A-468B, 468-471, 472A-472B, 472-473, 532A-532B, 532-533, 534A-534B, 534-535, 536A-536B, 536-537, 538A-538B, 538-539, 582A-582B, 582-583, 584A-584B, 584-587, 680A-680B, 680-683, 684A-640B, 684-685, 690A-690B, 690-693, 694A-694B, 694-695, 696A-696B, 696-697



Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<b>Money</b>	
<b>3.3.4</b> Read, write, and use money notation determining possible combinations of coins and bills to equal given amounts.	36A-36B, 36-39, 40A-40B, 40-41, 42A-42B, 42-43, 162A-162B, 162-166, 638A-638B, 638-639
<b>Time</b>	
<b>3.3.6</b> Tell time to the nearest minute, using analog and digital clocks, and identify elapsed time.	192A-192B, 192-195, 196A-196B, 196-197, 198A-198B, 198-199, 200A-200B, 200-201, 688A-688B, 688-689

### Spatial Relationships and Geometry

**Content Standard 4.0:** To solve problems, communicate, and make connections within and beyond the field of mathematics, students will identify, represent, verify, and apply spatial relationships and geometric properties.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i>By the end of Grade 3, students know and are able to do everything required in the previous grade and:</i>	
<b>Two-Dimensional Shapes</b>	
<b>4.3.1</b> Describe, sketch, compare, and contrast plane geometric figures.	446A-446B, 446-449, 450A-450B, 450-453, 454A-454B, 454-455, 474A-474B, 474-475
<b>Congruence, Similarity, and Transformations</b>	
<b>4.3.2</b> Demonstrate and describe the motion (transformation) of geometric figures as a slide, rotation, or a flip.	456A-456B, 456-459, 460A-460B, 460-461, 476A-476B, 476-477

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<b>Two- and Three-Dimensional Figures</b>	
<b>4.3.4</b> <b>Compare, contrast, sketch, model, and build two- and three-dimensional geometric figures and objects.</b>	428A-428B, 428-431, 432A-432B, 432-433, 436A-436B, 436-439, 446A-446B, 446-449, 450A-450B, 450-453, 454A-454B, 454-455, 460A-460B, 460-461, 464A-464B, 464-467, 468A-468B, 468-471, 472A-472B, 472-473, 474A-474B, 474-475, 476A-476B, 476-477

### Data Analysis

**Content Standard 5.0:** To solve problems, communicate, reason, and make connections within and beyond the field of mathematics, students will collect, organize, display, interpret, and analyze data to determine statistical relationships and probability projections.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i>By the end of Grade 3, students know and are able to do everything required in the previous grade and:</i>	
<b>Data Collection and Organization</b>	
<b>5.3.1</b> <b>Collect, organize, display, and describe simple data using number lines, pictographs, bar graphs, and frequency tables.</b>	204A-204B, 204-207, 208A-209B, 208-211, 212A-212B, 212-215, 216A-216B, 216-217, 218A-218B, 218-221, 222A-222B, 222-223, 226A-226B, 226-227, 228A-228B, 228-231, 232A-232B, 232-235, 236A-236B, 236-237, 238A-238B, 238-239
<b>Probability</b>	
<b>5.3.2</b> <b>Use concepts of probability (e.g., impossible, likely, certain) to make predictions about future events.</b>	700A-700B, 700-701, 702A-702B, 702-703, 704A-704B, 704-707, 708A-708B, 708-709, 710A-710B, 710-711

**Scott Foresman – Addison Wesley Mathematics  
to the  
Nevada Mathematics Content Standards  
Grade Four**

**Numbers, Number Sense, and Computation**

**Content Standard 1.0:** To solve problems, communicate, reason, and make connections within and beyond the field of mathematics, students will accurately calculate and use estimation techniques, number relationships, operation rules, and algorithms; they will determine the reasonableness of answers and the accuracy of solutions.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i><b>By the end of Grade 4, students know and are able to do everything required in the previous grade and:</b></i>	
<b>Facts</b>	
<b>1.4.1</b> <b>Immediately recall and use multiplication and corresponding division facts through 12s.</b>	128A-128B, 128-131, 132A-132B, 132-135, 136A-136B, 136-137, 148A-148B, 148-149, 150A-150B, 150-151, 152A-152B, 152-153
<b>Word Problems and Number Theory</b>	
<b>1.4.3</b> <b>Generate and solve 2-step multiplication and division problems based on practical situations using pencil and paper, mental computation, and estimation.</b>	156A-156B, 156-157, 282A-282B, 282-283, 290A-290B, 290-291, 292A-292B, 292-293, 338A-338B, 338-339, 344A-344B, 344-345, 396A-396B, 396-399, 412A-412B, 412-413
<b>Decimals and Money</b>	
<b>1.4.4</b> <b>Multiply and divide money amounts by a one-digit whole number producing a solution with no remainder.</b>	140A-140B, 140-143, 286A-286B, 286-287, 340A-340B, 340-341, 392A-392B, 392-393, 396A-396B, 396-399

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<b>Computation</b>	
<b>1.4.5</b> <b>Multiply and divide multi-digit numbers by a one-digit number with regrouping, model and explain division including as repeated subtraction.</b>	146A-146B, 146-147, 270A-220B, 270-273, 274A-224B, 274-275, 372A-372B, 372-373, 374A-374B, 374-375, 380A-380B, 380-383, 384A-384B, 384-385, 386A-386B, 386-389, 390A-390B, 390-391
<b>Comparison and Ordering</b>	
<b>1.4.6</b> <b>Read, write, order, and compare whole numbers.</b>	16A-16B, 16-19, 20A-20B, 20-21, 22A-22B, 22-23, 40A-40B, 40-41
<b>Estimation and Rounding</b>	
<b>1.4.7</b> <b>Use estimation to determine the reasonableness of an answer.</b>	20A-20B, 20-21, 40A-40B, 40-41, 68A-68B, 68-71, 72A-72B, 72-73, 258A-258B, 258-261, 278A-278B, 278-281, 316A-316B, 316-217, 368A-368B, 368-371
<b>Place value</b>	
<b>1.4.8</b> <b>Use and identify place value positions of whole numbers.</b>	4A-4B, 4-7, 8A-8B, 8-9, 10A-10B, 10-11, 20A-20B, 20-21, 22A-22B, 22-23, 40A-40B, 40-41
<b>Fractions</b>	
<b>1.4.9</b> <b>Identify and compare fractions with like denominators using numbers, models, and drawings.</b>	500A-500B, 500-501, 502A-502B, 502-503, 504A-504B, 504-507, 508A-508B, 508-509, 516A-516B, 516-519, 520A-520B, 520-521, 522A-522B, 522-523, 524A-524B, 524-527, 530A-530B, 530-533, 534A-534B, 534-535

**Patterns, Functions, and Algebra**

**Content Standard 2.0:** To solve problems, communicate, reason, and make connections within and beyond the field of mathematics, students will use various algebraic methods to analyze, illustrate, extend, and create numerous representations (words, numbers, tables, and graphs) of patterns, functions, and algebraic relations as modeled in practical situations.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i>By the end of Grade 4, students know and are able to do everything required at the previous grade and:</i>	
<b>Patterns</b>	
<b>2.4.1</b> <b>Identify, describe, and represent numeric and geometric patterns and relationships.</b>	10A-10B, 10-11, 90A-90B, 90-91, 140A-140B, 140-143, 164A-164B, 164-165, 342A-342B, 342-343, 366A-366B, 366-367, 438A-438B, 438-439, 512A-512B, 512-513
<b>Variables (Unknowns)</b>	
<b>2.4.3</b> <b>Find solutions to given equalities from a given replacement set, (e.g. find the solution to <math>3 \times 7 = \underline{\hspace{1cm}}</math>, given the replacement set {19, 20, 21}).</b>	94A-94B, 94-95, 96A-96B, 96-97, 98A-98B, 98-99, 100A-100B, 100-101, 160A-160B, 160-163, 164A-164B, 164-165, 166A-166B, 166-167, 464A-464B, 464-467, 468A-468B, 468-471, 476A-476B, 476-477

**Measurement**

**Content Standard 3.0:** To solve problems, communicate, reason and make connections within and beyond the field of mathematics, students will use appropriate tools and techniques of measurement to determine, estimate, record, and verify direct and indirect measurements.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i>By the end of Grade 4, students know and are able to do everything required in the previous grade and:</i>	
<b>Measurement</b>	
<b>3.4.2</b> <b>Measure and compare length in inches, feet, yards, and miles to the nearest 1/2, 1/4); measure and compare lengths in metric units (millimeter, centimeter, meter, kilometer; convert within each system.</b>	478A-478B, 478-479, 588A-588B, 588-589, 590A-590B, 590-591, 596A-596B, 596-599, 652A-652B, 652-653, 658A-658B, 658-661
<b>Estimation and formulas</b>	
<b>3.4.3</b> <b>Communicate the difference between perimeter and area; describe and determine the perimeter of polygons and the area of rectangles (including squares).</b>	464A-464B, 464-467, 468A-468B, 468-471, 474A-474B, 474-475, 600A-600B, 600-601, 648A-648B, 648-649
<b>Money</b>	
<b>3.4.4</b> <b>Determine totals for monetary amounts in problem-solving situations.</b>	28A-28B, 28-29, 30A-30B, 30-31, 32A-32B, 32-33, 286A-286B, 286-287, 340A-340B, 340-341, 392A-392B, 392-393
<b>Proportion and Ratio</b>	
<b>3.4.5</b> <b>Describe and determine the perimeter of polygons and the area of rectangles (including squares).</b>	464A-464B, 464-467, 468A-468B, 468-471, 474A-474B, 474-475, 600A-600B, 600-601, 648A-648B, 648-649

## Spatial Relationships and Geometry

**Content Standard 4.0:** To solve problems, communicate, and make connections within and beyond the field of mathematics, students will identify, represent, verify, and apply spatial relationships and geometric properties.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i>By the end of Grade 4, students know and are able to do everything required in the previous grade and:</i>	
<b>Two-Dimensional Shapes</b>	
4.4.1 Identify, draw, and classify angles according to their measurement, including right, obtuse, and acute.	440A-440B, 440-443, 444A-444B, 444-447
<b>Congruence, Similarity, and Transformations</b>	
4.4.2 Represent concepts of similarity, congruence, and symmetry using transformational motion.	452A-452B, 452-455, 456A-456B, 456-457, 458A-458B, 458-459, 460A-460B, 460-461
<b>Two- and Three-Dimensional Figures</b>	
4.4.4 Identify, describe, and classify two- and three-dimensional figures by relevant properties including the number of vertices (corners), edges, and shapes of faces, using models.	434A-434B, 434-437, 438A-438B, 438-439, 444A-444B, 444-447, 458A-458B, 458-459, 460A-460B, 460-461
<b>Lines, Angles, and Geometric Figures</b>	
4.4.6 Identify, describe, and draw geometric figures including points, intersecting lines, parallel lines, line segments, rays, and angles.	440A-440B, 440-443, 444A-444B, 444-447

## Data Analysis

**Content Standard 5.0:** To solve problems, communicate, reason, and make connections within and beyond the field of mathematics, students will collect, organize, display, interpret, and analyze data to determine statistical relationships and probability projections.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i>By the end of Grade 4, students know and are able to do everything required in the previous grade and:</i>	
<b>Data Collection and Organization</b>	
<b>5.4.1</b> <b>Collect, organize, display, describe, and interpret simple data using number lines, pictographs, bar graphs, and frequency tables.</b>	204A-204B, 204-205, 206A-206B, 206-207, 208A-208B, 208-211, 212A-212B, 212-215, 216A-216B, 216-219, 222A-222B, 222-223, 226A-226B, 226-229, 230A-230B, 230-231, 232A-232B, 232-233, 692A-692B, 692-695, 696A-696B, 696-697
<b>Probability</b>	
<b>5.4.2</b> <b>Conduct simple probability experiments using concrete materials and represent the results using fractions.</b>	700A-700B, 700-703, 704A-704B, 704-705, 706A-706B, 706-709, 710A-710B, 710-711, 714A-714B, 714-715



**Scott Foresman - Addison Wesley Mathematics  
to the  
Nevada Mathematics Content Standards  
Grade Five**

**Numbers, Number Sense, and Computation**

**Content Standard 1.0:** To solve problems, communicate, reason, and make connections within and beyond the field of mathematics, students will accurately calculate and use estimation techniques, number relationships, operation rules, and algorithms; they will determine the reasonableness of answers and the accuracy of solutions.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i>By the end of Grade 5, students know and are able to do everything required in the previous grade and:</i>	
<b>Facts</b>	
<b>1.5.1 Use and apply multiplication and corresponding division facts through 12's.</b>	66A-66B, 66-67, 70A-70B, 70-71, 136A-136B, 136-137, 152A-152B, 152-155, 156A-156B, 156-157, 158A-158B, 158-159, 162A-162B, 162-163, 164A-164B, 164-167
<b>Application</b>	
<b>1.5.2 Generate and solve addition, subtraction, multiplication, and division problems using whole numbers in practical situations.</b>	32A-32B, 32-33, 42A-42B, 42-43, 44A-44B, 44-45, 104A-104B, 104-105, 110A-110B, 110-111, 168A-168B, 168-169, 180A-180B, 180-181, 210A-210B, 210-211, 226A-226B, 226-227
<b>Word Problems and Number Theory</b>	
<b>1.5.3 Use order of operations to solve problems.</b>	172A-172B, 172-173, 210A-210B, 210-211, 226A-226B, 226-227, 696A-696B, 696-699, 700A-700B, 700-701, 702A-702B, 702-703, 706A-706B, 706-709

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<b>Decimals</b>	
<b>1.5.4</b> <b>Add and subtract decimals; multiply and divide decimals by whole numbers in problems representing practical situations.</b>	38A-38B, 38-39, 40A-40B, 40-41, 88A-88B, 88-91, 92A-92B, 92-93, 94A-94B, 94-97, 160A-160B, 160-161, 232A-232B, 232-233, 234A-234B, 234-237, 238A-238B, 238-239
<b>Computation</b>	
<b>1.5.5</b> <b>Multiply and divide multi-digit numbers by 2-digit numbers, including strategies for powers of 10.</b>	72A-72B, 72-75, 76A-76B, 76-77, 84A-84B, 84-85, 110A-110B, 110-111, 214A-214B, 214-217, 218A-218B, 218-221, 230A-230B, 230-231, 232A-232B, 232-233, 234A-234B, 234-237
<b>Comparison and Ordering</b>	
<b>1.5.6</b> <b>Compare and order negative numbers within the context of everyday happenings (e.g., temperature) and plot those numbers on a number line.</b>	6A-6B, 6-7, 12A-12B, 12-13, 721A-712B, 712-715
<b>Estimation and Rounding</b>	
<b>1.5.7</b> <b>When rounding, identify which place value will be most helpful in estimating an answer and determine the reasonableness of the answer.</b>	26A-26B, 26-27, 28A-28B, 28-31, 68A-68B, 68-69, 86A-86B, 86-87, 138A-138B, 138-140, 152A-152B, 152-155, 210A-210B, 210-211, 218A-218B, 218-221
<b>Place value</b>	
<b>1.5.8</b> <b>Use and identify place value.</b>	4A-4B, 4-5, 8A-8B, 8-11, 14A-14B, 14-17, 72A-72B, 72-75, 148A-148B, 148-151

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<b>Fractions</b>	
<b>1.5.9</b> <b>Use models and drawings to identify, compare, add, and subtract fractions with like denominators and to add and subtract decimals; use both to solve problems.</b>	38A-38B, 38-39, 40A-40B, 40-41, 394A-394B, 394-397, 398A-398B, 398-399, 400A-400B, 400-401, 402A-402B, 402-403, 404A-404B, 404-405, 410A-410B, 410-411, 412A-412B, 412-413, 414A-414B, 414-415, 416A-416B, 416-417, 418A-418B, 418-419, 420A-420B, 420-423, 426A-426B, 426-429, 430A-430B, 430-431, 438A-438B, 438-439

### Patterns, Functions, and Algebra

**Content Standard 2.0:** To solve problems, communicate, reason, and make connections within and beyond the field of mathematics, students will use various algebraic methods to analyze, illustrate, extend, and create numerous representations (words, numbers, tables, and graphs) of patterns, functions, and algebraic relations as modeled in practical situations.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i>By the end of Grade 5, students know and are able to do everything required at the previous grade and:</i>	
<b>Patterns</b>	
<b>2.5.1</b> <b>Identify, describe, and explain patterns and relationships in the number system (e.g., formed by triangular numbers, perfect squares, arithmetic and geometric sequences) using concrete materials, paper and pencil, and calculators.</b>	14A-14B, 14-17, 66A-66B, 66-67, 80A-80B, 80-81, 84A-84B, 84-85, 106A-106B, 106-107, 136A-136B, 136-137, 138A-138B, 141, 142-143, 144A-144B, 144-145, 176A-176B, 176-179, 606A-606B, 606-607, 660A-660B, 660-661, 720A-720B, 720-721
<b>Variables (Unknowns)</b>	
<b>2.5.3</b> <b>Using whole numbers as a replacement set, find possible solutions to such inequalities as <math>8 + 4 &gt; n</math>.</b>	100A-100B, 100-103, 696A-696B, 696-699, 712A-712B, 712-715

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<b>Number Sentences and Equations</b>	
<b>2.5.4</b> <b>Use variables in open sentences and to describe simple functions and relationships.</b>	18A-18B, 18-19, 100A-100B, 100-103, 104A-104B, 104-105, 106A-106B, 106-107, 108A-108B, 108-109, 696A-696B, 696-699, 700A-700B, 700-701, 702A-702B, 702-703, 706A-706B, 706-709
<b>Algebraic Basics</b>	
<b>2.5.5</b> <b>Generate number sequences given the first term and any basic computation rule (e.g., given a 4 and the rule of add 6, 10, 16, 22, 28, ...).</b>	106A-106B, 106-107, 138A-138B, 141, 142-143, 144A-144B, 144-145, 176A-176B, 176-179
<b>Equation Solutions</b>	
<b>2.5.7</b> <b>Solve simple equations using a variety of methods (e.g. inverse operations, mental math, and estimate and verify).</b>	108A-108B, 108-109, 172A-172B, 172-173, 696A-696B, 696-699, 700A-700B, 700-701, 702A-702B, 702-703, 706A-706B, 706-709

**Measurement**

**Content Standard 3.0:** To solve problems, communicate, reason, and make connections within and beyond the field of mathematics, students will use appropriate tools and techniques of measurement to determine, estimate, record, and verify direct and indirect measurements.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i>By the end of Grade 5, students know and are able to do everything required at the previous grade and:</i>	
<b>Estimation and Formulas</b>	
<b>3.5.3</b> <b>Estimate measures of length, volume, capacity, quantity, and weight, communicating degree of accuracy needed and when a more precise measure is required.</b>	110A-110B, 110-111, 528A-528B, 528-531, 532A-532B, 532-533, 534A-534B, 534-535, 536A-536B, 536-539, 570A-570B, 570-571, 572A-572B, 572-573, 602A-602B, 602-603, 606A-606B, 606-607, 610A-610B, 610-613, 614A-614B, 614-615, 616A-616B, 616-617, 620A-620B, 620-621, 622A-622B, 622-623, 624A-624B, 624-625, 626A-626B, 626-627
<b>Money</b>	
<b>3.5.4</b> <b>Determine totals and change due for monetary amounts in problem-solving situations.</b>	148A-148B, 148-151, 160A-160B, 160-161, 226A-226B, 226-227, 232A-232B, 232-233, 406A-406B, 406-407, 572A-572B, 573
<b>Proportion and Ratio</b>	
<b>3.5.5</b> <b>Communicate the difference between perimeter and area.</b>	540A-540B, 540-541, 542A-542B, 542-545, 548A-548B, 548-549, 550A-550B, 550-551, 552A-552B, 552-553, 554A-554B, 554-555, 558A-558B, 558-559, 602A-602B, 602-603, 662A-662B, 662-663
<b>Time</b>	
<b>3.5.6</b> <b>Identify equivalent periods of time, including relationships between and among seconds, minutes, hours, days, months, and years (e.g, 60 sec = 1 min).</b>	562A-562B, 562-563, 564A-564B, 564-567

## Spatial Relationships and Geometry

**Content Standard 4.0:** To solve problems, communicate, reason, and make connections within and beyond the field of mathematics, students will identify, represent, explain, verify, and apply spatial relationships and geometric properties.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i>By the end of Grade 5, students know and are able to do everything required at the previous grade and:</i>	
<b>Two-Dimensional Shapes</b>	
<b>4.5.1</b> <b>Draw and classify triangles, according to their properties; (e.g., right, scalene, obtuse, equilateral); identify and draw circles and parts of circles, describing the relationships between the various parts (e.g., central angle, arc, diameter)</b>	336A-336B, 336-337, 340A-340B, 340-341, 342A-342B, 342-345, 346A-346B, 346-349
<b>Congruence, Similarity, and Transformations</b>	
<b>4.5.2</b> <b>Identify shapes that have congruence, similarity, and/or symmetry of figures using a variety of methods including transformational motions (e.g., translation/slide, rotation/turn, reflection/flip, enlargement/reduction) and models, drawings, and measurement tools.</b>	360A-360B, 360-363, 364A-364B, 364-367, 368A-368B, 368-370, 372A-372B, 372-373
<b>Coordinate Geometry and Line of Symmetry</b>	
<b>4.5.3</b> <b>Using a grid, identify coordinates for a given point or locate points of given coordinates in the first quadrant.</b>	174A-174B, 174-175, 266A-266B, 266-269, 724A-724B, 724-727, 728A-728B, 728-729

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<b>Two- and Three-Dimensional Figures</b>	
<b>4.5.4</b> <b>Identify, describe, compare, and classify two- and three-dimensional figures by relevant properties including number of vertices (corners), edges, and shapes of faces; identify and predict the effects of combining, dividing, and changing shapes into other shapes.</b>	340A-340B, 340-341, 342A-342B, 342-345, 346A-346B, 346-349, 352A-352B, 352-355, 552A-552B, 552-553, 554A-554B, 554-555, 594A-594B, 594-597, 598A-598B, 598-601
<b>Lines, Angles, and Geometric Figures</b>	
<b>4.5.6</b> <b>Identify, describe, define, and draw geometric figures including points, intersecting, perpendicular and parallel lines, line segments, rays, angles, and planes.</b>	328A-328B, 328-331, 332A-332B, 332-335, 336A-336B, 336-337, 356A-356B, 356-357

### Data Analysis

**Content Standard 5.0:** To solve problems, communicate, reason, and make connections within and beyond the field of mathematics, students will collect, organize, display, interpret, and analyze data to determine statistical relationships and probability projections.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i><b>By the end of Grade 5, students know and are able to do everything required at the previous grade and:</b></i>	
<b>Data Collection and Organization</b>	
<b>5.5.1</b> <b>Collect, organize, read, and interpret data using a variety of graphic representations including tables, line plots, stem and leaf plots, scatter plots, histograms; use data to draw and explain conclusions and predictions.</b>	176A-176B, 176-179, 260A-260B, 260-261, 262A-262B, 262-263, 266A-266B, 266-269, 270A-270B, 270-273, 276A-276B, 276-279, 286A-286B, 286-287, 288A-288B, 288-291, 292A-292B, 292-293, 306A-306B, 306-307

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<b>Central Tendency</b>	
<b>5.5.4</b> <b>Model and then compute measures of central tendency including mean, median, and mode.</b>	282A-282B, 282-285, 288A-288B, 288-291, 306A-306B, 307, 730A-730B, 730
<b>Design</b>	
<b>5.5.6</b> <b>Describe the limitations of various graph formats; select an appropriate type of graph to accurately represent the data and justify the selection.</b>	276A-276B, 276-279, 288A-288B, 288-291, 292A-292B, 292-293, 306A-306B, 306, 730A-730B, 731



**Scott Foresman - Addison Wesley Mathematics  
to the  
Nevada Mathematics Content Standards  
Grade Six**

**Numbers, Number Sense, and Computation**

**Content Standard 1.0:** To solve problems, communicate, reason, and make connections within and beyond the field of mathematics, students will accurately calculate and use estimation techniques, number relationships, operation rules, and algorithms; they will determine the reasonableness of answers and the accuracy of solutions.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i><b>By the end of Grade 6, students know and are able to do everything required in the previous grade and:</b></i>	
<b>Facts</b>	
<b>1.6.1 Read, write, add, subtract, multiply, and divide using decimals, fractions, and percents.</b>	76A-76B, 76-77, 86A-86B, 86-89, 90A-90B, 90-93, 100A-100B, 100-103, 106A-106B, 106-109, 160A-160B, 160-163, 204-204B, 204-205, 248A-248B, 248-251, 252A-252B, 252-255, 258A-258B, 258-259, 266A-266B, 266-269, 270A-270B, 270-271, 366A-366B, 366-367
<b>Application</b>	
<b>1.6.2 Apply decimals, fractions, and percents to solve mathematical and practical problems.</b>	116A-116B, 116-119, 120A-120B, 120-121, 180A-180B, 180-181, 182A-182B, 182-183, 224A-224B, 224-225, 228A-228B, 228-229, 280A-280B, 280-281, 362A-362B, 362-363, 374A-374B, 374-377, 380A-380B, 380-383, 384-384B, 384-385, 386A-386B, 386-387, 388A-388B, 388-389

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<b>Word Problems and Number Theory</b>	
<b>1.6.3</b> <b>Use the concepts of number theory, including prime and composite numbers, factors, multiples, and the rules of divisibility.</b>	142A-142B, 142-145, 146A-146B, 146-149, 150A-150B, 150-151, 152A-152B, 152-153
<b>Comparison and Ordering</b>	
<b>1.6.6</b> <b>Compare and order groups of fractions and groups of decimals (e.g., on a number line).</b>	78A-78B, 78-79, 176A-176B, 176-179, 412A-412B, 412-413
<b>Estimation and Rounding</b>	
<b>1.6.7</b> <b>Round to a given decimal place value; estimate using decimals, fractions, and percents.</b>	80A-80B, 80-81, 82A-82B, 82-83, 170A-170B, 170-172, 216A-216B, 216-217, 226A-226B, 226-227, 256A-256B, 256-257, 368A-368B, 368-369
<b>Fractions</b>	
<b>1.6.9</b> <b>Use models and drawings to identify, compare, add, and subtract fractions with unlike denominators; use models to translate among fractions, decimals, and percents.</b>	164A-164B, 164-167, 172A-172B, 172-175, 206A-206B, 206-209, 218A-218B, 218-210, 220A-220B, 220-223, 252A-252B, 252-255, 258A-258B, 258-259, 266A-266B, 266-269, 270A-270B, 270-271, 354A-354B, 354-357, 358A-358B, 358-361, 370A-370B, 370-371

## Patterns, Functions, and Algebra

**Content Standard 2.0:** To solve problems, communicate, reason, and make connections within and beyond the field of mathematics, students will use various algebraic methods to analyze, illustrate, extend, and create numerous representations (words, numbers, tables, and graphs) of patterns, functions, and algebraic relations as modeled in practical situations.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<b><i>By the end of Grade 6, students know and are able to do everything required at the previous grade and:</i></b>	
<b>Patterns</b>	
<b>2.6.1</b> <b>Use and create tables and charts to extend a pattern in order to describe a rule.</b>	36A-36B, 36-37, 156A-156B, 156-157, 2121A-212B, 212-213, 264A-264B, 264-265, 444A-444B, 444-447, 490A-490B, 490-491, 716A-716B, 716-718
<b>Relationships</b>	
<b>2.6.2</b> <b>Identify, model, describe, and evaluate relationships using charts and tables, with and without technology.</b>	414A-414B, 414-415, 444A-444B, 444-447, 710A-710B, 710-711, 716A-716B, 716-718, 722A-722B, 722-723
<b>Equation Solutions</b>	
<b>2.6.7</b> <b>Use a rule to create a table and represent the ordered pairs on a coordinate grid.</b>	440A-440B, 440-443, 448A-448B, 448-449, 718A-718B, 718-721

**Measurement**

**Content Standard 3.0:** To solve problems, communicate, reason, and make connections within and beyond the field of mathematics, students will use appropriate tools and techniques of measurement to determine, estimate, record, and verify direct and indirect measurements.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i>By the end of Grade 6, students know and are able to do everything required at the previous grade and:</i>	
<b>Comparison and Ordering</b>	
<b>3.6.1</b> <b>Estimate and convert units of measure for length, weight, and capacity, within the same measurement system (customary or metric).</b>	542A-542B, 542-545, 546A-546B, 546-549, 550A-550B, 550-551
<b>Measurement</b>	
<b>3.6.2</b> <b>Explain how the size of the unit used affects the precision; given two measurements of the same object, select the one that is more precise.</b>	550A-550B, 550-551, 552A-552B, 552-553
<b>Estimation and formulas</b>	
<b>3.6.3</b> <b>Estimate, measure to the required degree of accuracy, derive, and apply formulas to find the perimeter, circumference, and area of plane figures.</b>	328A-328B, 328-329, 564A-564B, 564-567, 568A-568B, 568-569, 570A-570B, 570-571, 572A-572B, 572-575, 576A-576B, 576-579, 580A-580B, 580-581, 598A-598B, 598-599
<b>Proportion and Ratio</b>	
<b>3.6.5</b> <b>Use ratios to describe and compare relationships between various objects.</b>	300A-300B, 300-301, 302A-302B, 302-305, 306A-306B, 306-309, 312A-312B, 312-313, 316A-316B, 316-317, 318A-318B, 318-321, 322A-322B, 322-323, 324A-324B, 324-325, 328A-328B, 328-329, 330A-330B, 330-333, 334A-334B, 334-335, 520A-520B, 520-521

## Spatial Relationships and Geometry

**Content Standard 4.0:** To solve problems, communicate, reason, and make connections within and beyond the field of mathematics, students will identify, represent, explain, verify, and apply spatial relationships and geometric properties.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i>By the end of Grade 6, students know and are able to do everything required at the previous grade and:</i>	
<b>Two-Dimensional Shapes</b>	
<b>4.6.1</b> <b>Measure angles; identify, describe by properties, classify, compare, and draw regular and irregular quadrilaterals; find the sum of the interior angles of triangles and quadrilaterals.</b>	496A-496B, 496-49, 500A-500B, 500-501, 502A-502B, 502-503
<b>Congruence, Similarity, and Transformations</b>	
<b>4.6.2</b> <b>Determine actual measurements represented on scale drawings (e.g., maps, blueprints, house plans).</b>	330A-330B, 330-333, 334A-334B, 334-335, 506A-506B, 506-509, 510A-510B, 510-511, 512A-5123B, 512-513
<b>Coordinate Geometry and Line of Symmetry</b>	
<b>4.6.3</b> <b>Using a coordinate grid, identify coordinates for a given point and locate points of given coordinates; plot geometric shapes in all four quadrants.</b>	8440A-440B, 440-443, 514A-514B, 514-515, 516A-516B, 516-519
<b>Two- and Three-Dimensional Figures</b>	
<b>4.6.4</b> <b>Make a model of a three-dimensional prism from a two-dimensional drawing and make a two-dimensional drawing of a three-dimensional prism.</b>	586A-586B, 586-589, 590A-590B, 590-593

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<b>Lines, Slopes, and Linear Equations</b>	
<b>4.6.5</b> <b>Model slope (pitch, angle of inclination) using concrete objects and practical examples.</b>	448A-448B, 448-449, 718A-718B, 718-721
<b>Lines, Angles, and Geometric Figures</b>	
<b>4.6.6</b> <b>Draw complementary and supplementary angles; identify and find measures of complementary and supplementary angles using arithmetic and geometric methods.</b>	472A-472B, 472-475, 476A-476B, 476-479, 480A-480B, 480-483
<b>Pythagorean Theorem</b>	
<b>4.6.7</b> <b>Determine the measures of missing angles of triangles based on the Triangle Sum Theorem (the sum of the interior angles of a triangle equals 180 degrees).</b>	496A-496B, 496-499
<b>Draw and Construct</b>	
<b>4.6.8</b> <b>Construct circles, angles, and triangles based on given measurements using a variety of methods (e.g., protractor, paper folding).</b>	484A-484B, 484-487, 496A-496B, 496-499, 500A-500B, 500-501, 502A-502B, 502-503

## Data Analysis

**Content Standard 5.0:** To solve problems, communicate, reason, and make connections within and beyond the field of mathematics, students will collect, organize, display, interpret, and analyze data to determine statistical relationships and probability projections.

Nevada Mathematics Content Standards	Scott Foresman - Addison Wesley Mathematics
<i>By the end of Grade 6, students know and are able to do everything required at the previous grade and:</i>	
<b>Data Collection and Organization</b>	
<b>5.6.1</b> Interpret data using various formats including circle graphs.	620A-620B, 620-623, 628A-628B, 628-631, 632A-632B, 632-633, 636A-636B, 636-637, 638A-638B, 638-641, 642A-642B, 642-645, 648A-648B, 648-649
<b>Probability</b>	
<b>5.6.2</b> Conduct simple probability experiments using concrete materials and represent the results using decimals, percents, and ratios.	662A-662B, 662-663, 664A-664B, 664-667, 668A-668B, 668-671, 672A-672B, 672-673
<b>Probability Analysis</b>	
<b>5.6.3</b> Solve probability problems using a variety of methods including constructing sample spaces and tree diagrams.	654A-654B, 654-657, 658A-658B, 658-661, 662A-662B, 662-663, 664A-664B, 664-667, 668A-668B, 668-671, 672A-672B, 672-673
<b>Data Analysis</b>	
<b>5.6.5</b> Analyze the effect a change of format will have on interpretation of statistical charts and graphs.	648A-648B, 648-649, 650A-650B, 650-651, 674A-674B, 674-675

<b>Nevada Mathematics Content Standards</b>	<b>Scott Foresman - Addison Wesley Mathematics</b>
<b>Design</b>	
<b>5.6.6 Analyze data in a variety of formats to draw conclusions and make predictions.</b>	620A-620B, 620-623, 624A-624B, 624-627, 628A-628B, 628-631, 632A-632B, 632-633, 636A-636B, 636-637, 638A-638B, 638-641, 642A-642B, 642-645, 648A-648B, 648-649, 650A-650B, 650-651, 674A-674B, 674-675, 676A-676B, 676-677