

A Correlation of

SCOTT FORESMAN ■ ADDISON WESLEY

Mathematics

to the

New Mexico Career Readiness Standards and Benchmarks

Grades K-6



C/M-97

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 *New Mexico Career Readiness Standards and Benchmarks*. Correlation page references are to the Teacher’s Edition. Lessons in the Teacher’s Edition contain facsimile Student 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
New Mexico Career Readiness Standards and Benchmarks
Grades K – 4**

Standard 1: Students will identify their career interests and aptitudes to develop an educational plan which supports personal career goals.

Students will:

Identify places that people work and explain what they do;

1: 133B, 347B, 397B, 481B

3: 101, 104–105

Explain how work helps people obtain food, shelter, and clothing;

Not applicable

Demonstrate an awareness of the importance of academic success to achieve personal success.

This standard can be introduced in many lessons. These are some of the many examples.

K: 3A, 27A, 53A, 77A, 103A, 133A, 161A, 197A, 225A, 245A, 265A, 287A

1: 3A, 45A, 91A, 125A, 157A, 205A, 241A, 281A, 331A, 365A, 417A, 459A

2: 3A, 43A, 81A, 135A, 175A, 211A, 247A, 291A, 341A, 391A, 427A, 467A

3: 4A, 66A, 126A, 192A, 260A, 316A, 370A, 428A, 498A, 564A, 612A, 680A

4: 4A, 62A, 124A, 190A, 256A, 314A, 366A, 434A, 500A, 562A, 624A, 688A

Standard 2: Students will utilize and manage resources effectively to produce quality services and products.

Students will:

Set short term goals and complete the goals within an appropriate length of time;

This standard can be introduced in most lessons at each grade level. These are some of the many examples.

K: 5A, 29A, 55A, 79A, 105A, 135A, 163A, 199A, 227A, 247A, 267A, 289A

1: 5A, 47A, 93A, 127A, 159A, 207A, 243A, 283A, 333A, 369A, 419A, 461A

2: 5A, 45A, 83A, 137A, 177A, 213A, 249A, 293A, 343A, 393A, 429A, 469A

3: 6A, 70A, 128A, 196A, 262A, 318A, 372A, 432A, 502A, 566A, 616A, 684A

4: 8A, 64A, 128A, 192A, 258A, 316A, 368A, 438A, 502A, 564A, 628A, 690A

Demonstrate responsibility in the use of time, space, and materials to complete assignments;

This standard can be introduced in most lessons at each grade level. These are some of the many examples.

K: 7A, 31A, 57A, 81A, 107A, 137A, 165A, 201A, 229A, 249A, 269A, 291A

1: 7A, 49A, 95A, 129A, 161A, 209A, 245A, 287A, 335A, 371A, 421A, 463A

2: 9A, 47A, 85A, 139A, 179A, 215A, 251A, 295A, 345A, 395A, 431A, 471A

3: 8A, 72A, 132A, 198A, 266A, 320A, 374A, 436A, 504A, 568A, 618A, 688A

4: 10A, 68A, 132A, 196A, 262A, 320A, 372A, 440A, 504A, 568A, 630A, 692A

Demonstrate an understanding of the relationship between goal setting processes and the allocation of time, money, material, and human resources.

This standard can be introduced in these lessons at each grade level.

K: 9A, 33A, 59A, 83A, 109A, 139A, 167A, 203A, 231A, 251A, 271A, 293A

1: 9A, 51A, 97A, 133A, 163A, 211A, 247A, 291A, 337A, 373A, 423A, 465A

2: 13A, 49A, 89A, 141A, 181A, 217A, 255A, 297A, 347A, 397A, 433A, 473A

3: 10A, 76A, 136A, 200A, 270A, 324A, 380A, 440A, 506A, 572A, 622A, 690A

4: 12A, 72A, 136A, 198A, 264A, 326A, 374A, 444A, 508A, 574A, 636A, 696A

Standard 3: Students will demonstrate the technological knowledge and skills required for future careers.

Students will:**Use age appropriate tools, instruments, and equipment found in the home and classroom;**

This standard can be introduced in many lessons. These are some of the many examples.

K: 75K, 94, 95A–95B, 114A–115B, 116, 128, 131K–131L, 133A–133B, 153A–153B, 154

1: 365A–365B, 365–366, 369–370, 371A–371B, 371–372, 373A–373B, 373–374, 375A–375B, 375–376, 377A–377B, 377–378, 379A–379B, 379–380, 385A–385B, 387A–387B, 397B

2: 343A–343B, 343–344, 345A–345B, 345–346, 347A–347B, 347–348, 351A–351B, 351–352, 355A–355B, 355–356, 357A–357B, 357–358, 367A, 369A–369B, 379B

3: 195, 532–533, 534–535, 582B, 582–583, 584A–584B, 626B, 640B, 652B, 684B

4: 22B, 40B, 64B, 72B, 85, 128B, 234B, 264B, 282B, 390B, 456B, 516B, 588–589, 590–591, 652–653

Demonstrate basic use of the computer in classroom activities;**K:** 1B, 25B, 51B, 75B, 101B, 131B, 159B, 195B, 223B, 243B, 263B, 285B**1:** 38, 84, 118, 150, 198, 234, 274, 324, 358, 410, 452, 488**2:** 36, 74, 128, 168, 204, 240, 284, 337, 384, 420, 460, 494**3:** 39, 89, 131, 195, 207, 231, 291, 327, 401, 449, 467, 501, 571, 693**4:** 37, 85, 127, 219, 267, 319, 377, 389, 411, 455, 519, 581, 641, 709**Identify the many uses of technology in our personal lives, society, and the work environment;****K:** 75K**1:** 38, 84, 118, 150, 198, 234, 274, 324, 358, 410, 452, 488**2:** 36, 74, 128, 168, 204, 240, 284, 337, 384, 420, 460, 494**3:** 39, 89, 131, 195, 207, 231, 291, 327, 401, 449, 467, 501, 571, 693**4:** 37, 85, 127, 219, 267, 319, 377, 389, 411, 455, 519, 581, 641, 709**Use common tools, instruments, and equipment to perform hands on activities to design products to solve problems within the school.***The use of tools and equipment can be found in many lessons at the early levels.**Solving problems within the school can be introduced in these lessons.***K:** 75K, 94, 95A–95B, 114A–115B, 116, 128, 131K–131L, 133A–133B, 153A–153B, 154**1:** 365A–365B, 365–366, 369–370, 371A–371B, 371–372, 373A–373B, 373–374, 375A–375B, 375–376, 377A–377B, 377–378, 379A–379B, 379–380, 385A–385B, 387A–387B**2:** 343A–343B, 343–344, 345A–345B, 345–346, 347A–347B, 347–348, 351A–351B, 351–352, 355A–355B, 355–356, 357A–357B, 357–358, 367A, 369A–369B, 379B**3:** 195, 532–533, 534–535, 582B, 582–583, 584A–584B, 626B, 640B, 652B, 684B**4:** 22B, 40B, 64B, 72B, 85, 128B, 234B, 264B, 282B, 390B, 456B, 516B, 588–589, 590–591, 652–653**Standard 4:** Students will develop and demonstrate responsible and ethical workplace behaviors.**Students will:****Define and identify positive behaviors, conduct, and social manners;***This standard can be introduced in most lessons at each grade level. These are some of the many examples.***K:** 1I–1J, 25I–25J, 51I–51J, 75I–75J, 101I–101J, 131I–131J, 159I–159J, 195I–195J, 223I–223J, 243I–243J, 263I–263J, 285I–285J**1:** 1I–1J, 43I–43J, 89I–89J, 123I–123J, 155I–155J, 203I–203J, 239I–239J, 279I–279J, 329I–329J, 363I–363J, 415I–415J, 457I–457J

2: 1I–1J, 41I–41J, 79I–79J, 133I–133J, 173I–173J, 209I–209J, 245I–245J, 289I–289J, 339I–339J, 389I–389J, 425I–425J, 465I–465J

3: 2I–2J, 64I–64J, 124I–124J, 190I–190J, 258I–258J, 314I–314J, 368I–368J, 426I–426J, 562I–562J, 610I–610J, 678I–678J

4: 2I–2J, 60I–60J, 122I–122J, 188I–188J, 254I–254J, 312I–312J, 364I–364J, 432I–432J, 498I–498J, 560I–560J, 622I–622J, 686I–686J

Interact appropriately with other students,

This standard can be introduced in most lessons at each grade level. These are some of the many examples.

K: 16, 17B, 33A, 33B, 35B, 42, 60, 64, 65B, 68, 84, 91B, 93B, 106, 116, 120, 139B, 140, 149B, 152, 156, 165B, 180, 192, 208, 216, 217B, 219B, 225B, 227B, 231B, 239B

1: 287B, 331A, 379B, 437B, 445B, 463B, 483B

2: 13A, 49A, 89A, 141A, 181A, 217A, 255A, 297A, 347A, 397A, 433A, 473A

3: 12A, 80A, 146A, 204A, 276A, 328A, 382A, 442A, 510A, 578A, 626A, 694A

4: 16A, 76A, 146A, 204A, 270A, 332A, 380A, 452A, 516A, 578A, 638A, 700A

Apply and demonstrate good study and work habits;

This standard can be introduced in most lessons at each grade level. These review pages are some of the many examples.

K: 23–24, 49–50, 73–74, 99–100, 129–130, 157–158, 193–194, 221–222, 241–242, 261–262, 283–284, 301–302

1: 10, 60, 102, 136, 164, 218, 254, 294, 342, 382, 434, 470

2: 12, 60, 94, 144, 184, 224, 254, 307, 362, 404, 442, 482

3: 16, 78, 144, 202, 274, 336, 382, 440, 514, 580, 624, 698

4: 14, 74, 144, 202, 268, 330, 378, 450, 514, 572, 634, 698

Demonstrate and comply with rules, regulations, and policies of school and community;

In these computer lessons, students have the opportunity to respect classroom rules regarding computer usage.

K: 1B, 25B, 51B, 75B, 101B, 131B, 159B, 195B, 223B, 243B, 263B, 285B

1: 38, 84, 118, 150, 198, 234, 274, 324, 358, 410, 452, 488

2: 36, 74, 128, 168, 204, 240, 284, 337, 384, 420, 460, 494

3: 39, 89, 131, 195, 207, 231, 291, 327, 401, 449, 467, 501, 571, 693

4: 37, 85, 127, 219, 267, 319, 377, 389, 411, 455, 519, 581, 641, 709

Demonstrate understanding of the importance of safety in the school and community.

This standard can be developed in these lessons.

K: 25L, 75L, 131L, 147A

1: 171A

2: 261A–261B, 269B

3: 460A–460B, 460, 464B

4: 456A–456B, 456

Standard 5: Students will develop effective leadership, interpersonal, and team skills.

Students will:

Identify differences between individual and group decisions and accomplishments;

This standard can be developed in many lessons. These are some of the many examples.

K: 3B, 27B, 53B, 77B, 103B, 133B, 161B, 197B, 225B, 245B, 265B, 287B

1: 3B, 45B, 91B, 125B, 157B, 205B, 241B, 281B, 331B, 365B, 417B, 459B

2: 13B, 49B, 89B, 141B, 181B, 217B, 255B, 297B, 347B, 397B, 433B, 473B

3: 10B, 76B, 136B, 200B, 270B, 324B, 380B, 440B, 506B, 572B, 622B, 690B

4: 12B, 72B, 136B, 198B, 264B, 326B, 374B, 444B, 508B, 574B, 636B, 696B

Interact positively with other students;

This standard can be developed in many lessons. These are some of the many examples.

K: 5B, 29B, 55B, 79B, 105B, 135B, 163B, 199B, 227B, 247B, 267B, 289B

1: 5B, 47B, 93B, 127B, 159B, 207B, 243B, 283B, 333B, 369B, 419B, 461B

2: 3B, 43B, 81B, 135B, 175B, 211B, 247B, 291B, 341B, 391B, 427B, 467B

3: 4B, 66B, 126B, 192B, 260B, 316B, 370B, 428B, 498B, 564B, 612B, 680B

4: 4B, 62B, 124B, 190B, 256B, 314B, 366B, 434B, 500B, 562B, 624B, 688B

Work cooperatively as a team member to achieve identified goals;

Many lessons involve working cooperatively as the member of a team. These are some of the many examples.

K: 16, 17B, 33A, 33B, 35B, 42, 60, 64, 65B, 68, 84, 91B, 93B, 106, 116, 120, 139B, 140, 149B, 152, 156, 165B, 180, 192, 208, 216, 217B, 219B, 225B, 227B, 231B, 239B

1: 287B, 331A, 379B, 437B, 445B, 463B, 483B

2: 5B, 45B, 83B, 137B, 177B, 213B, 249B, 293B, 343B, 393B, 429B, 469B

3: 6B, 70B, 128B, 196B, 262B, 318B, 372B, 432B, 502B, 566B, 616B, 684B

4: 8B, 64B, 128B, 192B, 258B, 316B, 368B, 438B, 502B, 564B, 628B, 690B

Recognize the importance of and participate in leadership roles.

This standard can be developed in many lessons. These are some of the many examples.

K: 7B, 31B, 57B, 81B, 107B, 137B, 165B, 201B, 229B, 249B, 269B, 291B

1: 7B, 49B, 95B, 129B, 161B, 209B, 245B, 285B, 335B, 371B, 421B, 463B

2: 9B, 47B, 85B, 139B, 179B, 215B, 251B, 295B, 345B, 395B, 431B, 471B

3: 8B, 72B, 132B, 198B, 266B, 320B, 374B, 436B, 504B, 568B, 618B, 688B

4: 10B, 68B, 132B, 196B, 262B, 320B, 372B, 440B, 504B, 568B, 630B, 692B

**Scott Foresman – Addison Wesley Mathematics
to the
New Mexico Career Readiness Standards and Benchmarks**

Grades 5 & 6

Standard 1: Students will identify their career interests and aptitudes to develop an educational plan which supports personal career goals.

Students will:

Explore areas of interest and possible career choices;

This standard can be developed in these lessons.

5: 730–731

6: 388–389

Understand the structure and function of business ownership in the United States, New Mexico, and local economies;

Not Applicable

Explain the connection between academic skills and career options by identifying education and training requirements;

Scott Foresman–Addison Wesley Mathematics does not include discussion of education and training requirements of different careers.

Identify careers of personal interest based on identified aptitudes and interests.

This standard can be developed in these lessons.

5: 372–373

6: 388–389, 450–451

Standard 2: Students will utilize and manage resources effectively to produce quality services and products.

Students will:

Identify and prioritize goals relating to school and home;

This standard can be introduced when discussing the Family Letters in each Chapter.

Determine the education and training requirements for careers identified as possible areas of interest;

Scott Foresman–Addison Wesley Mathematics does not include discussion of education and training requirements of different careers.

Prepare a budget, including a revenue and expenditure report, to support a planned school project.

Scott Foresman–Addison Wesley Mathematics *does not address revenue and expenditure reports.*

Standard 3: Students will demonstrate the technological knowledge and skills required for future careers.

Students will:

Describe ways in which tools, instruments, and equipment are used to solve problems, extend human capabilities, and provide for the needs of society;

5: 91, 332–333, 342–349, 438–439, 532–533, 534–535, 545, 563, 651, 730–731

6: 11, 102, 109, 167, 228–229, 425, 476–479, 484–487, 499, 502–503, 550–551, 552–553, 580, 645, 657, 667

Demonstrate basic computer operation skills in a variety of applications to access and organize information;

5: 32B, 40B, 162B, 164B, 230B, 262B, 414B, 496B, 552B, 610B, 728B

6: 24B, 86B, 172B, 204B, 322B, 358B, 494B, 638B, 722B

Describe ways in which technology has created changes in our personal lives, society, and the world of work;

5: 11, 91, 167, 180–181, 221, 273, 305, 367, 397, 545, 563, 567, 601, 651

6: 11, 43, 102, 109, 163, 167, 209, 255, 333, 425, 499, 519, 580, 593, 597, 627, 641, 657, 661, 667

Design a class product or process to solve an identified problem and explain the benefits that will result if the product or process is used.

This standard can be developed in these lessons.

5: 32–33, 80–81, 352–355, 482–483, 604–605

6: 36–37, 264–265, 374–375, 432–433

Standard 4: Students will develop and demonstrate responsible and ethical workplace behaviors.

Students will:

Demonstrate positive behaviors, conduct, and social manners for school, work, and community;

This standard can be introduced in most lessons. These are some of the many examples.

5: 2I–2J, 64I–64J, 130I–130J, 200I–200J, 258I–258J, 326I–326J, 392I–392J, 458I–458J, 526I–526J, 592I–592J, 644I–644J, 694I–694J

6: 2I–2J, 74I–74J, 140I–140J, 202I–202J, 246I–246J, 298I–298J, 352I–352J, 406I–406J, 470I–470J, 540I–540J, 618I–618J, 696I–696J

Demonstrate goal direction, self discipline, and task commitment in the completion of assignments;

This standard can be introduced in most lessons. These are some of the many examples.

5: 44–45, 110–111, 180–181, 238–239, 306–307, 372–373, 438–439, 506–507, 572–573, 626–627, 676–677, 730–731

6: 54–55, 120–121, 182–183, 228–229, 280–287, 334–335, 388–389, 450–451, 520–521, 598–599, 676–677, 724–725

Demonstrate an understanding of ethical behavior and its importance in human relationships and society;

Scott Foresman–Addison Wesley Mathematics *does not include discussion of ethical behavior.*

Demonstrate safe work practices and explore safety issues related to the school, community, and workplace.

This standard can be developed on these pages.

5: 368 (safety with scissors)

6: 556, 598–599 (food prep, underground wires)

Standard 5: Students will develop effective leadership, interpersonal, and team skills.

Students will:

Explore the positive and negative implications of team work;

This standard can be introduced in many lessons. These are some of the many examples.

5: 4B, 66B, 132B, 202B, 260B, 328B, 394B, 460B, 528B, 594B, 646B, 696B

6: 4B, 76B, 142B, 204B, 248B, 300B, 354B, 408B, 472B, 542B, 620B, 698B

Recognize that individual differences affect school and workplace behavior;

This standard can be introduced in most lessons. These are some of the many examples.

5: 6B, 68B, 136B, 204B, 262B, 332B, 398B, 462B, 532B, 598B, 648B, 700B

6: 8B, 78B, 146B, 206B, 252B, 302B, 358B, 410B, 476B, 546B, 624B, 700B

Demonstrate team work skills through the demonstration of effort, sharing of ideas and suggestions, resolving conflicts, and handling peer pressure;

This standard can be introduced in most lessons. These are some of the many examples.

5: 8B, 70B, 138B, 210B, 266B, 336B, 400B, 464B, 534B, 602B, 652B, 702B

6: 12B, 80B, 150B, 206B, 256B, 306B, 362B, 412B, 480B, 550B, 628B, 706B

Assume leadership roles in team settings.

This standard can be introduced in many lessons. These are some of the many examples.

5: 12B, 72B, 144B, 214B, 270B, 340B, 402B, 466B, 536B, 610B, 654B, 706B

6: 14B, 82B, 152B, 212B, 258B, 312B, 366B, 414B, 484B, 552B, 632B, 710B