

SCIENCE

A CLOSER LOOK

Correlation to Idaho Science Standards

GRADE 2



Macmillan/McGraw-Hill

Standard 1: Nature of Science	
Goal 1.1: Understand Systems, Order, and Organization	
Objective 1: No objectives at this grade level.	
Goal 1.2: Understand Concepts and Processes of Evidence, Models, and Explanations	
Objective 1	
2.S.1.2.1 Make observations, record and interpret data. (558.01.a)	pp. 4, 11, 12, 26, 27A-27B, 29, 32, 39, 42, 65A-65B, 89, 103, 106, 121, 124, 129, 135, 137, 155, 160, 163, 171, 173, 187, 190, 191, 195, 198, 199, 226, 234, 237, 256, 272, 273A-273B, 295, 298, 301, 329C-329D, 331, 344, 405, 407, 415, 418, 424
Goal 1.3: Understand Constancy, Change, and Measurement	
Objective 1	
2.S.1.3.1 Measure in standard and non-standard units. (558.01.b)	pp. 65A-65B, 231, 313, 364, 402, 403, 419A-419B, R2, R3, R4, R5
Goal 1.4: Understand the Theory that Evolution is a Process that Relates to the Gradual Changes in the Universe and of Equilibrium as a Physical State	
Objective 1	
2.S.1.4.1 Apply the concepts of past, present, and future. (558.03.a)	pp. 242-243, 280-281
Goal 1.5: Understand Concepts of Form and Function	
Objective 1	
2.S.1.5.1 Identify shape and use of objects. (558.04.a)	pp. 306-307, 336-337, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348-351, 352, 353
Goal 1.6: Understand Scientific Inquiry and Develop Critical Thinking Skills	
Objective 1	
2.S.1.6.1 Identify questions to be investigated. (559.01.a)	pp. 3, 8, 11, 12, 23, 26, 29, 32, 39, 42, 55, 58, 59, 61, 63, 69, 72, 73, 89, 92, 93, 95, 97, 103, 106, 121, 124, 129, 132, 135, 137, 155, 160, 161, 163, 166, 171, 173, 187, 190, 191, 195, 198, 199, 201, 206, 207, 223, 226, 231, 234, 237, 240, 253, 256, 259, 261, 267, 272, 275, 278, 295, 298, 301, 304, 309, 312, 313, 325, 328, 331, 334, 335, 339, 344, 361, 364, 365A-365B, 367, 370, 371, 377, 380, 385, 388, 389A-389B, 399, 402, 403, 405, 407, 415, 418, 421, 424
Objective 2	
2.S.1.6.2 Make observations. (559.01.b)	pp. 4, 11, 12, 26, 27A-27B, 29, 32, 39, 42, 65A-65B, 89, 103, 106, 121, 124, 129, 135, 137, 155, 160, 163, 171, 173, 187, 190, 191, 195, 198, 199, 226, 234, 237, 256, 272, 273A-273B, 295, 298, 301, 329C-329D, 331, 344, 405, 407, 415, 418, 424

Objective 3	
2.S.1.6.3 Analyze information and evidence. (559.01.d)	pp. 3, 11, 23, 26, 27A-27B, 29, 32, 39, 42, 55, 58, 59, 59A-59B, 61, 63, 65A-65B, 69, 72, 73, 89, 92, 93, 93A-93B, 95, 97, 103, 106, 109A-109B, 121, 124, 129, 132, 133A-133B, 135, 137, 155, 160, 161, 161A-161B, 163, 166, 171, 173, 187, 190, 191, 191A-191B, 195, 198, 199, 199A-199B, 201, 206, 207, 223, 226, 231, 234, 235A-235B, 237, 240, 253, 256, 257A-257B, 259, 261, 267, 272, 273A-273B, 275, 278, 295, 298, 299A-299B, 301, 304, 309, 312, 313, 325, 328, 329A-329B, 329C-329D, 331, 334, 335, 339, 344, 361, 364, 365A-365B, 367, 370, 371, 377, 380, 385, 388, 389A-389B, 399, 402, 403, 403A-403B, 405, 407, 415, 418, 419A-419B, 421, 424
Objective 4	
2.S.1.6.4 Communicate observations. (559.01.f)	pp. 4, 11, 12, 26, 27A-27B, 29, 32, 39, 42, 65A-65B, 89, 103, 106, 121, 124, 129, 135, 137, 155, 160, 163, 171, 173, 187, 190, 191, 195, 198, 199, 226, 234, 237, 256, 272, 273A-273B, 295, 298, 301, 329C-329D, 331, 344, 405, 407, 415, 418, 424
Goal 1.7: Understand That Interpersonal Relationships Are Important in Scientific Endeavors	
Objective 1	
2.S.1.7.1 Practice cooperation and interaction skills. (568.01.a)	pp. 23, 26, 27A-27B, 32, 42, 55, 59A-59B, 61, 69, 73, 89, 93A-93B, 95, 97, 103, 109A-109B, 121, 124, 129, 132, 135, 137, 155, 161, 161A-161B, 166, 171, 173, 191, 191A-191B, 195, 199, 201, 207, 223, 234, 240, 253, 256, 259, 261, 267, 278, 295, 298, 299A-299B, 301, 304, 309, 313, 328, 329A-329B, 329C-329D, 331, 339, 344, 361, 364, 365A-365B, 371, 377, 380, 385, 388, 389A-389B, 399, 403, 405, 407, 415, 418, 419A-419B, 421
Goal 1.8: Understand Technical Communication	
Objective 1	
2.S.1.8.1 Follow multi-step instructions. (568.02.a)	pp. 3, 11, 23, 26, 29, 32, 39, 42, 55, 58, 59, 61, 63, 65A-65B, 69, 72, 73, 89, 92, 93, 95, 97, 103, 106, 109A-109B, 121, 124, 129, 132, 135, 137, 155, 160, 161, 163, 166, 171, 173, 187, 190, 191, 195, 198, 199, 199A-199B, 201, 206, 207, 223, 226, 231, 234, 237, 240, 253, 256, 259, 261, 267, 272, 273A-273B, 275, 278, 295, 298, 301, 304, 309, 312, 313, 325, 328, 329C-329D, 331, 334, 335, 339, 344, 361, 364, 367, 370, 371, 377, 380, 385, 388, 389A-389B, 399, 402, 403, 405, 407, 415, 418, 419A-419B, 421, 424

Standard 2: Physical Science	
Goal 2.1: Understand the Structure and Function of Matter and Molecules and Their Interactions	
Objective 1	
2.S.2.1.1 List properties of an object. (560.01.a)	pp. 292D, 292, 293, 294, 295, 296, 297, 298, 299A-299B, 299, 300, 301, 302, 303, 304, 305, 306-307, 308, 309, 310, 311, 312, 313, 314, 315, 316-319, 320, 321, TR72, TR73
Goal 2.2: Understand Concepts of Motion and Forces	
Objective 1	
2.S.2.2.1 Explain how force affects the position and motion of objects. (560.01.a)	pp. 360, 361, 362, 363, 364, 365, 367, 372, 373, 383, 390-393, 394, 395, TR76
Goal 2.3: Understand the Total Energy in the Universe is Constant	
Objective 1: No objectives at this grade level.	
Goal 2.4: Understand the Structure of Atoms	
Objective 1: No objectives at this grade level.	
Goal 2.5: Understand Chemical Reactions	
Objective 1: No objectives at this grade level.	
Standard 3: Biology	
Goal 3.1: Understand the Theory of Biological Evolution	
Objective 1: No objectives at this grade level.	
Goal 3.2: Understand the Relationship between Matter and Energy in Living Systems	
Objective 1	
2.S.3.2.1 Identify four basic needs of all living things (food, shelter, water, space). (563.01.a)	pp. 23, 24, 25, 26, 27, 47, 51, 56, 59, 76-79, 89, 90, 93, 94, 164, 167, R10, R11, R12, R13, TR56
Objective 2	
2.S.3.2.2 Discuss how animals are suited to live in different habitats. (547.01.b)	pp. 86, 88, 89, 90, 91, 92, 93, 93A-93B, 112-115, 116, 117, 118, 120, 121, 122, 123, 124, 125, 126-127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142-145, 146, 147, TR60, TR61, TR62, TR63
Goal 3.3: Understand the Cell is the Basis of Form and Function for All Living Things	
Objective 1: No objectives at this grade level.	

Standard 4: Earth and Space Systems	
Goal 4.1: Understand Scientific Theories of Origin and Subsequent Changes in the Universe and Earth Systems	
Objective 1	
2.S.4.1.1 Describe the characteristics of different weather conditions. (564.01.b)	pp. 176-177, 220D, 220, 222, 223, 224, 225, 226, 227, 228, 229, 235A-235B, 236, 237, 238, 239, 240, 241, 242-243, 244-247, 248, 249, 258, 259, 260, 261, 262, 263, 264, 265, TR68, TR69
Goal 4.2: Understand Geo-chemical Cycles and Energy in the Earth System	
Objective 1: No objectives at this grade level.	
Standard 5: Personal and Social Perspectives; Technology	
Goal 5.1: Understand Common Environmental Quality Issues, Both Natural and Human Induced	
Objective 1	
2.S.5.1.1 Compare and contrast man-made and natural environments. (566.01.a)	pp. 188, 189, 190, 202, 203, 208-209, 216, 306-307
Goal 5.2: Understand the Relationship between Science and Technology	
Objective 1	
2.S.5.2.1 Identify tools people have invented for everyday life and for scientific investigations. (565.01.b)	pp. 44-45, 176-177, 208-209, 242-243, 280-281, 306-307, 336-337, 426-427
Goal 5.3: Understand the Importance of Natural Resources and the Need to Manage and Conserve Them	
Objective 1: No objectives at this grade level.	