

**IDAHO ACHIEVEMENT STANDARDS
GRADE 2
SCIENCE**

Standard 1: Nature of Science

Goals:	Objective 1	Objective 2	Objective 3	Objective 4	Objective 5	Objective 6	Objective 7
Goal 1.1: Understand Systems, Order, and Organization	No objectives at this grade level.						
Goal 1.2: Understand Concepts and Processes of Evidence, Models, and Explanations	2.S.1.2.1 Make observations, record and interpret data. (558.01.a)						
Goal 1.3: Understand Constancy, Change, and Measurement	2.S.1.3.1 Measure in standard and non-standard units. (558.01.b)						
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	2.S.1.4.1 Apply the concepts of past, present, and future. (558.03.a)						
Goal 1.5: Understand Concepts of Form and Function	2.S.1.5.1 Identify shape and use of objects. (558.04.a)						
Goal 1.6: Understand Scientific Inquiry and Develop Critical Thinking Skills	2.S.1.6.1 Identify questions to be investigated. (559.01.a)	2.S.1.6.2 Make observations. (559.01.b)	2.S.1.6.3 Analyze information and evidence. (559.01.d)	2.S.1.6.4 Communicate observations. (559.01.f)			
Goal 1.7: Understand That Interpersonal Relationships Are Important in Scientific Endeavors	2.S.1.7.1 Practice cooperation and interaction skills. (568.01.a)						
Goal 1.8: Understand Technical Communication	2.S.1.8.1 Follow multi-step instructions. (568.02.a)						

Standard 2: Physical Science

Goals:	Objective 1	Objective 2	Objective 3	Objective 4	Objective 5	Objective 6	Objective 7
Goal 2.1: Understand the Structure and Function of Matter and Molecules and Their Interactions	2.S.2.1.1 List properties of an object. (560.01.a)						
Goal 2.2: Understand Concepts of Motion and Forces	2.S.2.2.1 Explain how force affects the position and motion of objects. (560.01.a)						
Goal 2.3: Understand the Total Energy in the Universe is Constant	No objectives at this grade level.						
Goal 2.4: Understand the Structure of Atoms	No objectives at this grade level.						
Goal 2.5: Understand Chemical Reactions	No objectives at this grade level.						

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Standard 3: Biology

Goals:	Objective 1	Objective 2	Objective 3	Objective 4	Objective 5	Objective 6	Objective 7
Goal 3.1: Understand the Theory of Biological Evolution	No objectives at this grade level.						
Goal 3.2: Understand the Relationship between Matter and Energy in Living Systems	2.S.3.2.1 Identify four basic needs of all living things (food, shelter, water, space). (563.01.a)	2.S.3.2.2 Discuss how animals are suited to live in different habitats. (547.01.b)					
Goal 3.3: Understand the Cell is the Basis of Form and Function for All Living Things	No objectives at this grade level.						

Standard 4: Earth and Space Systems

Goals:	Objective 1	Objective 2	Objective 3	Objective 4	Objective 5	Objective 6	Objective 7
Goal 4.1: Understand Scientific Theories of Origin and Subsequent Changes in the Universe and Earth Systems	2.S.4.1.1 Describe the characteristics of different weather conditions. (564.01.b)						
Goal 4.2: Understand Geo-chemical Cycles and Energy in the Earth System	No objectives at this grade level.						

Standard 5: Personal and Social Perspectives; Technology

Goals:	Objective 1	Objective 2	Objective 3	Objective 4	Objective 5	Objective 6	Objective 7
Goal 5.1: Understand Common Environmental Quality Issues, Both Natural and Human Induced	2.S.5.1.1 Compare and contrast man-made and natural environments. (566.01.a)						
Goal 5.2: Understand the Relationship between Science and Technology	2.S.5.2.1 Identify tools people have invented for everyday life and for scientific investigations. (565.01.b)						
Goal 5.3: Understand the Importance of Natural Resources and the Need to Manage and Conserve Them	No objectives at this grade level.						