

Idaho Extended Content Standards Draft
Extended Content Indicators
Kindergarten
Science

Standard 1: Nature of Science – Students explore the process of scientific investigation through observations and collection of data over time. Students follow instructions and work with others.

Extended Standard 1: Students explore the process of scientific investigation through observations and the concept of measurement. Students follow instructions and work with others.

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Standard 1: Nature of Science: Students explore the process of scientific investigation through observations and collection of data over time. Students follow instructions and work with others.

Extended Standard 1: Students explore the process of scientific investigation through observations and the concept of measurement. Students follow instructions and work with others.

Topic	Gr	Goal	Objectives	Essence	Extended Content Indicators
Interrelated nature of science	K.S.1.2	Goal 1.2: Understand Concepts and Processes of Evidence, Models, and Explanations	K.S.1.2.1 Make observations and collect data. (528.01.a)		K.S.1.2.1.A Make and communicate observations.

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Topic	Gr	Goal	Objectives	Essence	Extended Content Indicators
Interrelated Nature of Science	K.S.1.3	Goal 1.3: Understand Constancy, Change, and Measurement	K.S.1.3.1 Measure in non-standard units. (528.02.b)		K.S.1.3.1.A Measure in non-standard units.

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Topic	Gr	Goal	Objectives	Essence	Extended Content Indicators
	K.S.1.4	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	K.S.1.4.1 Apply the concepts of yesterday, today, and tomorrow. (528.03.a)		K.S.1.4.1.A Demonstrate the concept of days.

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Topic	Gr	Goal	Objectives	Essence	Extended Content Indicators
Interrelated Nature of Science	K.S.1.5	Goal 1.5: Understand Concepts of Form and Function	No objectives at this grade level.		No objectives at this grade level.

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Topic	Gr	Goal	Objectives	Essence	Extended Content Indicators
Interrelated Nature of Science	K.S.1.7	Goal 1.7: Understand That Interpersonal Relationships Are Important in Scientific Endeavors	K.S.1.7.1 Use cooperation and interaction skills. (538.01.a)		K.S.1.7.1 A Use cooperation and interaction skills.

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Topic	Gr	Goal	Objective	Essence	Extended Content Indicators
	K.S.1.8	Goal 1.8: Understand Technical Communication	K.S.1.8.1 Follow instructions. (538.02.a)		K..S.1.8.1.A Follow one step instruction.

Standard 2: Physical Science - Students use their senses to investigate the organizational patterns in the world around them and describe a variety of objects.

Extended Standard 2: Students use their senses to investigate objects and to identify similarities or patterns in the world around.

Topic	Gr	Goal	Objective	Essence	Extended Content Indicators
Physical Science	K.S.2.1	Goal 2.1: Understand the Structure and Function of Matter and Molecules and Their Interactions	K.S.2.1.1 Use senses to describe matter. (530.01.a)		K.S.2.1.1.A Use senses to sort properties of matter.

Standard 2: Physical Science - Students use their senses to investigate the organizational patterns in the world around them and describe a variety of objects.

Extended Standard 2: Students use their senses to investigate objects and to identify similarities or patterns in the world around.

Topic	Gr	Goal	Objective	Essence	Extended Content Indicators
Physical Science	K.S.2.2	Goal 2.2: Understand Concepts of Motion and Forces	No objectives at this grade level.		No objectives at this grade level.

Standard 2: Physical Science - Students use their senses to investigate the organizational patterns in the world around them and describe a variety of objects.

Extended Standard 2: Students use their senses to investigate objects and to identify similarities or patterns in the world around.

Topic	Gr	Goal	Objective	Essence	Extended Content Indicators
Physical Science	K.S.2.3	Goal 2.3: Understand the Total Energy in the Universe is Constant	No objectives at this grade level.		No objectives at this grade level.

Standard 2: Physical Science - Students use their senses to investigate the organizational patterns in the world around them and describe a variety of objects.

Extended Standard 2: Students use their senses to investigate objects and to identify similarities or patterns in the world around.

Topic	Gr	Goal	Objective	Essence	Extended Content Indicators
Physical Science	K.S.2.4	Goal 2.4: Understand the Structure of Atoms	No objectives at this grade level.		No objectives at this grade level.

Standard 2: Physical Science - Students use their senses to investigate the organizational patterns in the world around them and describe a variety of objects.

Extended Standard 2: Students use their senses to investigate objects and to identify similarities or patterns in the world around.

Topic	Gr	Goal	Objective	Essence	Extended Content Indicators
Physical Science	K.S.2.5	Goal 2.5: Understand Chemical Reactions	No objectives at this grade level.		No objectives at this grade level.

Standard 3: Biology - Students observe plants and animals and describe their characteristics.

Extended Standard 3: Students observe the characteristics of plants and animals.

Topic	Gr	Goal	Objective	Essence	Extended Content Indicators
Biology	K.S.3.1	Goal 3.1: Understand the Theory of Biological Evolution	K.S.3.1.1 Observe and describe the characteristics of plants and animals. (532.01.a)		K.S.3.1.1.A Observe the characteristics of plants and animals.

Standard 3: Biology - Students observe plants and animals and describe their characteristics.

Extended Standard 3: Students observe the characteristics of plants and animals.

Topic	Gr	Goal	Objective	Essence	Extended Content Indicators
Biology	K.S.3.2	Goal 3.2: Understand the Relationship between Matter and Energy in Living Systems	K.S.3.2.1 Describe the difference between living and non-living things. (533.01.a)		K.S.3.2.1.A Sort between living and non-living things.

Standard 3: Biology - Students observe plants and animals and describe their characteristics.

Extended Standard 3: Students observe the characteristics of plants and animals.

Topic	Gr	Goal	Objective	Essence	Extended Content Indicators
Biology	K.S.3.3	Goal 3.3: Understand the Cell is the Basis of Form and Function for All Living Things	No objectives at this grade level.		No objectives at this grade level.

Standard 4: Earth and Space Systems – Students make and describe observations of seasonal changes.

Extended Standard 4: Students observe seasonal changes and identify characteristics between the four seasons.

Topic	Gr	Goal	Objective	Essence	Extended Content Indicators
Earth and Space Systems	K.S.4.1	Goal 4.1: Understand Scientific Theories of Origin and Subsequent Changes in the Universe and Earth Systems	K.S.4.1.1 Name the four seasons. (534.01.a)		K.S.4.1.1.A Observe characteristics of the four seasons.
			K.S.4.1.2 Place the four seasons in order. (534.01.a)		K.S.4.1.2.A Sequence the seasons.

Standard 4: Earth and Space Systems – Students make and describe observations of seasonal changes.

Extended Standard 4: Students observe seasonal changes and identify characteristics between the four seasons.

Topic	Gr	Goal	Objective	Essence	Extended Content Indicators
Earth and Space Systems	K.S.4.2	Goal 4.2: Understand Geo-chemical Cycles and Energy in the Earth System	No objectives at this grade level.		No objectives at this grade level.

Standard 5: Personal and Social Perspectives; Technology – Students describe local environments

Extended Standard 5: Students observe and participate in discussions about their local environments.

Topic	Gr	Goal	Objective	Essence	Extended Content Indicators
Environmental Science	K.S.5.1	Goal 5.1: Understand Common Environmental Quality Issues, Both Natural and Human Induced	K.S.5.1.1 Describe characteristics of a man-made environment (home, school...). (536.01.a)		K.S.5.1.1.A Attend to and participate in discussion of characteristics of a man-made environment (home, school...).

Standard 5: Personal and Social Perspectives; Technology - Students describe local environments

Extended Standard 5: Students observe and participate in discussions about their local environments.

Topic	Gr	Goal	Objective	Essence	Extended Content Indicators
Technology	K.S.5.2	Goal 5.2: Understand the Relationship between Science and Technology	No objectives at this grade level.		No objectives at this grade level.

Standard 5: Personal and Social Perspectives; Technology - Students describe local environments

Extended Standard 5: Students observe and participate in discussions about their local environments.

Topic	Gr	Goal	Objective	Essence	Extended Content Indicators
Natural Resources	K.S.5.3	Goal 5.3: Understand the Importance of Natural Resources and the Need to Manage and Conserve Them	No objectives at this grade level.		No objectives at this grade level.