

Science

Bloom's Alignment

Extended Standard Indicator

Science Standard 1: Science as Inquiry		
Benchmark 1 The student will be involved in activities that develop skills necessary to conduct scientific inquiries		
ES.1.1.1	investigates objects and/or environments	Knowledge
ES.1.1.2	identifies properties of objects and / or environments	Comprehension
ES.1.1.3	classifies and arranges groups of objects by a variety of characteristics	Analysis
ES.1.1.4	uses appropriate materials and tools to collect information	Application
ES.1.1.5	collects data relating to familiar everyday experiences by counting, tallying, observing, interviewing, etc	Application
ES.1.1.6	asks and answers questions about objects, organisms, and events in their environment	Synthesis
Benchmark 2: The student will apply different kinds of investigations to different kinds of questions		
ES.1.2.1	manipulates environment to achieve an outcome	Application
ES.1.2.2	conducts a simple investigation	Analysis
Science Standard 2: Physical Science		
Benchmark 1: The student will describe objects and/or demonstrate their properties		
ES.2.1.1	describes an object by one of its properties	Application
ES.2.1.2	separates and/or sorts a group of objects or materials by properties	Application
ES.2.1.3	manipulates and/or describes the movement of objects	Application
ES.2.1.4	recognizes and/or discriminates between sounds made by different objects	Analysis
ES.2.1.5	describes objects by multiple properties	Comprehension
ES.2.1.6	measures properties using appropriate tools	Application
Benchmark 2: The student will observe, compare, and classify properties of matter		
ES.2.2.1	identifies the changes in the properties of solids, liquids and /or gases.	Comprehension
ES.2.2.2	demonstrates how one object reacts with another object or substance	Application
Science Standard 3: Life Science		
Benchmark 1: The student will demonstrate an understanding of his/her own body's structure and function		
ES.3.1.1	identifies body parts, organs, and/or their functions.	Knowledge
ES.3.1.2	demonstrates understand of how his/her disabilities influence life actions.	Comprehension

Benchmark 2: The student will develop an understanding of the diversity of living things, their life cycles, and their habitats.		
ES.3.2.1	identifies living things and their life cycles in various environments.	Comprehension
ES.3.2.2	identifies that living things need air, water, food, and shelter.	Comprehension
ES.3.2.3	compares, and/or contrasts characteristics of living things.	Analysis
ES.3.2.4	identifies ways humans and other organisms use their senses in their environments	Comprehension
Benchmark 3: The student will understand the role of reproduction and heredity		
ES.3.3.1	identifies similar familial characteristics of humans and other organisms.	Comprehension
Benchmark 4: The student will understand the effects of a changing environment and related adaptation required of organisms		
ES.3.4.1	adapts to environmental changes such as temperature, weather, light, etc.	Comprehension
ES.3.4.2	plans for anticipated environmental changes	Application
Science Standard 4: Earth and Space Science		
Benchmark 1: The student will develop an understanding of the properties of rocks, soil, air, and water as well as other Earth materials		
ES.4.1.1.	investigates Earth materials	Knowledge
ES.4.1.2	describes, collects, observes properties and/or classifies a variety of Earth materials.	Application
Benchmark 2: The student will observe and describe objects in the sky or space.		
ES.4.2.1	identifies and recognizes the sun, moon, stars, clouds, birds, airplanes, and other objects in the sky or space.	Knowledge
ES.4.2.2	understands how human-made and/or natural objects in the sky contribute to life on Earth	Comprehension
ES.4.2.3	demonstrates understanding of the components of the solar system.	Knowledge
Benchmark 3: The student will observe and/or describe changes in weather		
ES.4.3.1	demonstrates understanding of weather conditions.	Knowledge
ES.4.3.2	responds appropriately to weather conditions and/or weather changes.	Application
Science Standard 5: Technology		
Benchmark 1: The student will use assistive technology to interact with the world around him or her		
ES.5.1.1	demonstrates understanding of cause and effect within the physical environment	Comprehension
ES.5.1.2	uses assistive technology in daily living activities in order to control his/her environment	Application
ES.5.1.3	uses assistive technology for communication and/or social interaction.	Application
Benchmark 2: The student will use technology to learn about the world around him or her		
ES.5.2.1	investigates science through technology	Application

Science Standard 6: Science in Personal and Environmental Perspective		
Benchmark 1: The student will develop an understanding of personal health		
ES.6.1.1	demonstrates that safety involves freedom from danger, risk, or injury.	Comprehension
ES.6.1.2	understands that various foods contribute to health.	Comprehension
Benchmark 2: The student will demonstrate environmental awareness		
ES.6.2.1	participates in activities to help the environment.	Application
Benchmark 3: The student will understand the impact of human activity on the environment		
ES.6.3.1	demonstrates an understanding of the impact his/her daily personal activities have on the environment	Comprehension
Science Standard 7: History and Nature of Science		
Benchmark 1: The student will understand contributions to science throughout history		
ES.7.1.1	demonstrates understanding of the contributions of men and women to the fields of science	Knowledge
ES.7.1.2	knows about major discoveries, inventions or advancements in science.	Knowledge