

Unit	Topic	Lesson	Lesson Objectives		
The Scientific Method	Scientific Inquiry and Analysis	Scientific Inquiry	<p>Describe the steps involved in scientific inquiry.</p> <p>Differentiate between an observation and an inference.</p> <p>Explain the relationship between variables and controls in an experiment.</p> <p>Compare and contrast scientific theories and scientific laws.</p>		
		Laboratory Tools and Safety	<p>Describe the use of various common laboratory tools.</p> <p>Differentiate between light, dissecting, and electron microscopes.</p> <p>Identify safety equipment found in a science lab.</p> <p>Explain the importance of following common lab rules and procedures.</p>		
		Scientific Measurement	<p>Explain the purpose of utilizing the metric system in scientific measurement.</p> <p>Identify the basic SI units utilized in scientific measurement.</p> <p>Calculate values utilizing the metric conversion process.</p> <p>Describe the use of significant figures and rounding in scientific measurement.</p>		
		Scientific Models	<p>Explain the purpose of scientific models.</p> <p>Identify limitations of scientific models.</p> <p>Describe three types of scientific models.</p>		
		Critical Thinking in Science	<p>Identify components of critical thinking.</p> <p>Explain the importance of critical thinking to science.</p> <p>Evaluate three everyday uses of critical thinking.</p>		
		Ecology	A History of Environmental Science	Skills Lesson: Interpreting Observations	<p>Observe an event or process.</p> <p>Describe patterns and trends of an observed event or process.</p> <p>Interpret observations using trends and patterns.</p>

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		The Study of Environmental Science	Define the components of environmental science. Describe the interdependence of organisms in the environment. Discuss human impacts on the Earth. Skills used: making logical connections, understanding cause and effect, interpreting observations
		Environmental Scientists and Ecologists	Summarize the work of famous environmental scientists of the past. Examine the contributions of environmental scientists to today's environment. Skills used: making predictions, identifying trends
		Careers in Environmental Science	Describe the job of an environmental scientist. Explore additional careers in environmental science. Discuss possible future careers and fields in environmental science. Skills used: identifying trends, making predictions, compare and contrast, interpreting observations
Introduction to Ecology			
		Ecology 101	Describe the levels of organization in the biosphere. Identify the major biomes found on Earth. Compare and contrast major ecosystems found on Earth. Skills used: create a flow chart, compare and contrast
		Ecology 102	Identify factors that can cause change within an ecosystem. Evaluate the effects of different factors on ecosystem stability. Describe changes that can occur within an ecosystem. Skills used: understanding cause and effect, making logical connections, interpreting observations

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		Trophic Levels and Food Webs	<p>Explain how relationships between organisms in an ecosystem contribute to energy flow within a food chain.</p> <p>Analyze the effects of changes in populations on food web dynamics.</p> <p>Differentiate between three types of energy pyramids.</p> <p>Analyze relationships between producers, consumers, and decomposers in an ecosystem.</p> <p>Skills used: compare and contrast, create a structure diagram, understanding cause and effect, interpreting observations</p>
		Adaptation	<p>Describe the development of the theory of evolution.</p> <p>Explain the theory of evolution.</p> <p>Relate adaptations of organisms to resource competition.</p> <p>Skills used: create a timeline, making logical connections</p>
		Global Connection: Changing Migratory Patterns	<p>Explain how migratory patterns change in response to alterations in an ecosystem.</p>
	Habitats	Skills Lesson: Contrasting Observations or Objects	<p>List characteristics of two or more observable events or objects.</p> <p>Organize characteristics on a chart or graph.</p> <p>Distinguish differences between the two events or objects.</p>
		Organismal Relationships	<p>Describe three types of interactions between organisms in an ecosystem.</p> <p>Compare and contrast mutualism, parasitism, and commensalism.</p> <p>Explain the effects of competitive exclusion on an ecosystem.</p> <p>Skills used: compare and contrast, understanding cause and effect</p>
		Biodiversity	<p>Analyze the effects of local evolution or migration on an ecosystem.</p> <p>Predict the impact of removing or adding organisms on a food chain.</p> <p>Explain how changes in biodiversity impact an ecosystem.</p> <p>Skills used: making predictions, making logical connections</p>

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		Land Habitats	Differentiate between biotic and abiotic factors in various ecosystems. Explain the adaptations of indigenous species to their respective ecosystems. Skills used: compare and contrast
		Aquatic Habitats	Compare and contrast the components of marine and freshwater ecosystems. Differentiate between terrestrial and aquatic energy pyramids. Skills used: compare and contrast
Population Dynamics			
		Population Size	Identify biotic and abiotic factors that limit population growth. Evaluate the effect of various factors on population size. Analyze population patterns within ecosystems. Skills used: interpreting data, understanding cause and effect, making logical connections
		Population Genetics	Describe the effect of genetics on the growth rate and carrying capacity of a population. Evaluate the effects of events on gene flow. Skills used: interpreting data, understanding cause and effect
		Determining Population Size	Compare and contrast various methods of determining population size. Discriminate between major population growth models. Compute population density. Skills used: interpreting data, compare and contrast, calculating data
		Measuring Populations	Compare and contrast various types of population distribution. Differentiate between stabilizing, disruptive, and directional selection utilizing a graph. Illustrate the structure of a given population demographic. Skills used: compare and contrast, create a structure diagram, interpreting data
		Global Connection: Human Impact on Population Size	Evaluate human impact on wildlife population size.

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	Arid and Semi-Arid Biomes		
		Skills Lesson: Making Comparisons	Identify like systems or events to be compared and contrasted. List characteristics of the compared systems or events. Group characteristics by similarities and differences. Contrast unlike characteristics of two or more phenomena.
		Characteristics of Biomes	Identify the characteristics used to define all biomes. Summarize the history of biomes on Earth. Describe the impact of humanity on Earth's biomes. Compare and contrast artificial and natural changes within a biome.
			Skills used: compare and contrast, understanding cause and effect, identifying trends
		Desert and Desert-Scrub Biomes	Identify the characteristics of desert and desert-scrub biomes. Evaluate ways organisms have adapted to desert and desert-scrub environments. Skills used: making logical connections, compare and contrast
		The Chaparral	Identify the characteristics of chaparral biomes. Evaluate ways organisms have adapted to chaparral. Skills used: making logical connections
		Alpine and Taiga Biomes	Identify the characteristics of the alpine and taiga biomes. Evaluate ways organisms have adapted to the alpine and taiga biomes. Skills used: making logical connections, compare and contrast
		The Tundra	Identify the characteristics of the tundra. Evaluate ways organisms have adapted to the tundra. Skills used: making logical connections

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Temperate, Wet, and Aquatic Biomes			
Savanna and Grassland Biomes			
Identify the characteristics of the savanna and grassland biomes. Evaluate ways organisms have adapted to the savanna and grasslands. Skills used: making logical connections, compare and contrast			
Deciduous Forests			
Identify the characteristics of deciduous forests. Evaluate ways organisms have adapted to deciduous forests. Skills used: making logical connections			
The Rainforest			
Identify the characteristics of the rainforest. Evaluate ways organisms have adapted to the rainforest. Skills used: making logical connections			
Freshwater and Marine Biomes			
Identify characteristics that are unique to each of the aquatic biomes. Compare and contrast the adaptations of organisms in the aquatic biomes to their respective environments. Describe how humans utilize resources from each of the aquatic biomes. Explain how human understanding of aquatic ecosystems has changed throughout history. Skills used: compare and contrast, identifying trends			
Global Connection: Why Invasive Species Thrive			
Relate the ability of invasive species to thrive in their new habitat to resource competition.			
The Biosphere			
Earth's Systems			
Skills Lesson: Modeling Systems and Cycles			
Identify a system or cycle to be modeled. Determine the main parts or processes of the system or cycle. Organize the parts or processes sequentially. Model the main parts or processes of the system or cycle.			

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		Systems of the Biosphere	Describe Earth's systems in terms of energy, matter, time, and space. Explain the interactions between Earth's systems.
		Patterns in Systems	Describe various patterns found in the Earth system. Identify methods of measuring constancy and change in a system.
	Earth's Cycles	The Cycles of Matter	Describe various cycles of matter that take place on Earth. Evaluate the role played by cycles in sustaining life. Explain the change in energy that occurs between each cycle in an ecosystem.
		The Water Cycle	Describe the steps of the water cycle. Explain the relationship between living organisms and the water cycle. Identify possible sources of water contamination.
		Effects of Cycles on Ecosystems	Explain how fluctuations in abiotic cycles influence populations. Describe the movement of carbon compounds through a food web. Describe the effects of abiotic cycles on local ecosystems.
		Global Connection: Recycling on Earth	Compare human recycling techniques to similar cycles in nature.
	The Air	Skills Lesson: Evaluating Explanations	Identify a given explanation for an event or process. Research data relating to the explanation. Categorize researched information as being factual or biased. Evaluate the given explanation based on researched data.
		Atmospheric Pollution	Overview the composition and function of each layer of the atmosphere. Identify various common atmospheric pollutants. Differentiate between primary and secondary pollutants. Examine the effects of pollution on health. Skills used: evaluate the validity of an explanation

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		Ozone	<p>Explain how the ozone layer is formed.</p> <p>Analyze the importance of the ozone layer in sustaining life.</p> <p>Compare and contrast various factors that cause ozone depletion.</p> <p>Relate fluctuations in ozone to human health and the environment.</p>
		Air Quality	<p>Identify various causes of air pollution.</p> <p>Explain the impact of air pollution on the environment.</p> <p>Assess the methods that can be utilized to improve air quality.</p> <p>Propose alternative methods of improving air quality.</p> <p>Skills used: compare and contrast support and opposition</p>
Climate			
		Succession	<p>Identify various causes of succession in ecosystems.</p> <p>Differentiate between primary and secondary succession in ecosystems.</p> <p>Explain the importance of succession in maintaining ecosystems.</p>
		Climate and Change in Ecosystems	<p>Identify various effects of climate changes on an ecosystem.</p> <p>Describe environmental factors that can cause changes in ecosystems.</p> <p>Compare and contrast the benefits and disadvantages of natural change to ecosystems.</p>
		Global Change	<p>Predict future changes in the global climate.</p> <p>Assess current theories regarding global climate change.</p> <p>Analyze environment changes and their connection to global warming.</p> <p>Skills used: making predictions based on data</p>
		A History of Global Climate Change	<p>Compare current and past global climate trends.</p> <p>Explain how long-term global climate shifts impact Earth's ecosystems.</p> <p>Describe the effects of greenhouse gases on the atmosphere.</p> <p>Analyze various theories related to global warming.</p> <p>Skills used: compare and contrast support and opposition</p>
		Global Connection: Algal Blooms	<p>Connect the formation of algal blooms to climate change.</p>

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The Land	Shaping Earth	Skills Lesson: Plotting Trends and Patterns	<p>Record observations of an event or process.</p> <p>Categorize recorded observations based on similarities and differences.</p> <p>Interpret trends and patterns within the recorded data.</p>
		Life and Earth's Crust	<p>Describe the composition of each layer of the Earth.</p> <p>Explain the structure and function of the Earth's crust.</p> <p>Evaluate the interdependence of Earth's crust and its organisms.</p> <p>Skills used: create graph, map, chart</p>
		Plate Tectonics	<p>Explain the theory of plate tectonics.</p> <p>Relate the movement of the continents to changes in weather patterns.</p> <p>Describe the impact of continental shifting on local environments.</p> <p>Skills used: create graph, map, chart</p>
		Weathering and Erosion	<p>Compare and contrast weathering and erosion.</p> <p>Distinguish between chemical and physical weathering.</p> <p>Describe the effects of natural erosion on the environment.</p> <p>Explain the impact of artificial erosion on the environment.</p> <p>Skills used: create graph, map, chart</p>
		Land Use and Management	
		Human Use of Land	<p>Assess the effects of human land usage on ecosystems.</p> <p>Compare and contrast ways humans are working to reduce the impact of land use on the environment.</p> <p>Describe possible future consequences of land use to the environment.</p> <p>Skills used: determine the cause and predict the effect</p>

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		Minerals and Mining	<p>Identify uses of minerals. Compare and contrast various mineral extraction methods. Explain the impact of mining on local populations.</p> <p>Describe the long-term consequences of large scale mineral extraction to the Earth. Skills used: determine the cause and predict the effect</p>
		Urban Growth	<p>Compare and contrast various urban and suburban migration patterns seen on the Earth. Describe the effects of upward growth on local environments. Describe the effects of urban sprawl on local environments. Skills used: determine the cause and predict the effect</p>
		Land Management and Planning	<p>Describe differences in the use of public land and private land. Describe large-scale land management methods implemented by governments and corporations.</p> <p>Determine possible impacts of land management methods on the environment. Skills used: determine the cause and predict the effect</p>
		Global Connection: Deforestation in Haiti	<p>Assess how deforestation in Haiti impacts the environment.</p>
Forests and Soil	Vanishing Forests	Skills Lesson: Constructing Valid Criticisms	<p>Identify factors contributing to the possible outcome of a process. Research data relating to the contributing factors. Analyze data to determine reliability and bias. Construct a valid criticism of the possible outcome based on the data.</p>

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		The Importance of Trees	<p>Explain the impact of trees on air quality.</p> <p>Identify methods in which trees are utilized by humans.</p> <p>Describe the relationship between trees and other organisms.</p> <p>Analyze the consequences of human use of trees.</p> <p>Skills used: constructing valid criticism</p>
		Rainforest Loss	<p>Identify the locations of the world's rainforests.</p> <p>Explain how rainforest resources are utilized throughout the globe.</p> <p>Evaluate the impact of rainforest loss over the last 100 years.</p> <p>Compare and contrast the effectiveness of current rainforest conservation efforts.</p> <p>Skills used: constructing valid criticism</p>
		Modern Forestry	<p>Describe the main roles of a forester.</p> <p>Compare and contrast current methods of forest management.</p> <p>Analyze the role of forests as carbon sinks.</p> <p>Skills used: constructing valid criticism</p>
		Fire and Nature	<p>Evaluate ways that wildfire benefits ecosystems.</p> <p>Analyze methods of fire utilization within various environments.</p> <p>Predict how fire can be used to further benefit the environment.</p> <p>Skills used: constructing valid criticism</p>
	Soil	What is Soil?	<p>Describe the composition of soil.</p> <p>Characterize the major horizons in soil.</p> <p>Compare processes of soil formation in various environments.</p> <p>Skills used: selecting valid resources</p>
		Soil Formation	<p>Identify the properties of soil.</p> <p>Explain the relationship between microorganisms, humus, and soil health.</p> <p>Assess the role of microorganisms in soil.</p> <p>Skills used: selecting valid resources</p>

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		Soil Around the World	
			<p>Explain the relationships between organisms and soil of different ecosystems.</p> <p>Compare and contrast the soil composition of different ecosystems.</p> <p>Describe ways in which humans impact soil.</p>
		Soil and Agriculture	<p>Compare and contrast various agricultural practices around the world.</p> <p>Evaluate various methods used in agriculture to minimize soil depletion and erosion.</p> <p>Skills used: selecting valid resources</p>
		Global Connection: Microflora and Microfauna	<p>Evaluate how agricultural practices affect microflora and microfauna.</p>
The Water	Marine Ecosystems	Skills Lesson: Proposing Solutions	<p>Identify an unresolved problem or dilemma.</p> <p>Determine the desired outcome of the identified problem.</p> <p>Propose a possible solution.</p>
		Ocean Exploration	<p>Explore the relationship between technology and new developments in oceanography.</p> <p>Discuss possible applications of recent discoveries within the ocean.</p> <p>Examine how recent discoveries in abyssal zones have impacted scientific theories.</p>
		Salt Marshes and Mangroves	<p>Identify characteristics of salt marsh and mangrove habitats.</p> <p>Explain how utilization of mangrove and salt marshes has changed over time.</p> <p>Propose alternative ways to utilize resources in mangroves and salt marshes.</p> <p>Skills used: forming a valid hypothesis</p>

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		Coral Reefs	<p>Describe the characteristics of a coral reef.</p> <p>Explain the relationship between aquatic organisms and the coral reef.</p> <p>Examine causes of coral reef loss.</p> <p>Analyze the effectiveness of current efforts to preserve coral reefs.</p> <p>Skills used: forming a valid hypothesis</p>
		Issues Affecting Marine Ecosystems	<p>Identify the impacts of floating refuse on marine ecosystems.</p> <p>Describe how fisheries and ocean bottom trawling impact marine ecosystems.</p> <p>Evaluate methods humans are using to reduce their impact on marine ecosystems.</p>
	Freshwater Ecosystems		
		Pools, Ponds, and Lakes	<p>Compare and contrast the characteristics of pools, ponds, and lakes.</p> <p>Differentiate littoral and riparian areas.</p> <p>Describe the cause of eutrophication and its effects on the environment.</p> <p>Assess the relationships between organisms that live in pools, ponds, and lakes.</p>
		Streams and Rivers	<p>Compare and contrast the characteristics of streams and rivers.</p> <p>Describe the impact of current and oxygen content on biodiversity in streams and rivers.</p> <p>Explain various ways humans impact rivers and streams.</p> <p>Assess the relationships between organisms that live in streams and rivers.</p>
		Wetlands	<p>Differentiate various types of wetlands.</p> <p>Distinguish between the main types of water found in wetlands.</p> <p>Assess the biodiversity of organisms found in wetlands.</p> <p>Explain how the wetlands filter and clean water.</p>
		Global Connection: Water Management and Katrina	<p>Analyze the effect of canals and levees on wetlands.</p>

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	Water Ecology		
		Skills Lesson: Proposing Logical Alternatives	<p>Identify an unresolved problem.</p> <p>Utilize scientific data and research to establish cause and effect.</p> <p>Compare the positive and negative effects of previously enacted resolutions to a problem.</p> <p>Propose a logical alternative to an unresolved problem or question.</p>
		Nonnative Species In Aquatic Ecosystems	<p>Describe how invasive species impact an aquatic ecosystem.</p> <p>Identify ways that invasive species are introduced into an aquatic ecosystem.</p> <p>Examine various methods of addressing environmental problems that were traditionally solved by utilizing nonnative species.</p>
		Changing Waterways	<p>Describe naturally occurring changes to waterways.</p> <p>Evaluate ways humans impact waterways.</p> <p>Propose alternative practices to reduce human impact on waterways.</p>
		The Water We Use	<p>Identify sources of potable and non-potable water.</p> <p>Describe the availability of water across the globe.</p> <p>Assess the impact of water consumption and diminishing supplies on human activities.</p>
		Water Pollution	<p>Identify sources of water pollution.</p> <p>Describe the effects of water pollution on local populations.</p> <p>Explain ways that humans can reduce water pollution.</p>
		Groundwater	<p>Describe the location and importance of the water table.</p> <p>Assess the consequences of overuse and contamination of groundwater.</p> <p>Explain how human use of groundwater has changed over time.</p> <p>Skills used: determining independent and dependent variables</p>

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		Water Policy	<p>Identify laws and regulations in the United States that address water use and management.</p> <p>Propose possible consequences of failing to conserve water.</p> <p>Compare and contrast the processes of water reclamation, greywater use, and desalination.</p>
Energy and Resources			
	Energy in Ecosystems	Energy Transformation	<p>Discuss the main forms of energy in an ecosystem.</p> <p>Explain how energy is transformed and conserved as it changes from one form to another.</p> <p>Describe the impact of energy transformations on ecosystems.</p>
		Energy Transfer	<p>Skills used: making logical connections, creating diagrams, compare and contrast</p> <p>Outline the flow of energy in an ecosystem.</p> <p>Describe how the amount of available energy changes between trophic levels in a food chain.</p> <p>Explain the relationship between entropy and usable energy in a food chain.</p> <p>Skills used: making logical connections, creating a flow chart</p>
		Photosynthesis in Plants	<p>Explain the process of photosynthesis in plants.</p> <p>Distinguish between the main types of carbon fixation.</p> <p>Skills used: proposing logical alternatives</p>
		Global Connection: Deep Sea Ecologies	<p>Explain the process of energy transfer in deep sea ecologies.</p>
Resources			
		Skills Lesson: Conducting Valid Internet Research	<p>Identify a topic to be researched.</p> <p>Utilize internet search engines to gather information regarding the topic.</p> <p>Analyze gathered information for bias.</p> <p>Select valid internet data based on analysis.</p>

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		What Are Natural Resources?	<p>Explain how natural resources are produced.</p> <p>Explain how fossil fuels are formed.</p> <p>Explain how resource availability is limited by rates of use and renewal.</p> <p>Skills used: making predictions, compare and contrast, researching with technology, making logical connections</p>
		Nuclear Power	<p>Compare and contrast the processes of nuclear fission and nuclear fusion.</p> <p>Describe uses of nuclear energy.</p> <p>Examine possible consequences of using nuclear energy.</p> <p>Skills used: researching with technology, modeling systems, compare and contrast, making logical connections</p>
		Resource Conservation	<p>Assess the availability and allocation of resources.</p> <p>Discuss problems associated with the use of non-local resources.</p> <p>Compare and contrast uses of renewable and nonrenewable resources.</p> <p>Propose alternatives to using nonrenewable resources.</p> <p>Skills used: compare and contrast, proposing alternative solutions, researching with technology</p>
		The Social Costs of Resource Use	<p>Compare and contrast the costs and benefits of using renewable and nonrenewable resources.</p> <p>Evaluate the consequences of world dependence on fuels.</p> <p>Explain how technology can be utilized in resource conservation efforts.</p> <p>Skills used: making logical connections, evaluating explanations, compare and contrast</p>
Societies and Policy	Ethics and Policy		
	Governments and Business	<p>Illustrate how conservation efforts have positively impacted ecosystems.</p> <p>Compare the effects of government sanctioned activities on ecosystems.</p> <p>Assess the impact of government and business on energy efficiency.</p> <p>Skills used: making logical connections, interpreting observations, supporting claims, making predictions, compare and contrast</p>	

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		Informed Policy	<p>Describe the influence that scientific knowledge has on society. Identify contributing factors to environmental policy decisions. Evaluate the benefits of monitoring environmental parameters when making policy regarding resource use. Skills used: compare and contrast, making logical connections, supporting claims, understanding cause and effect</p>
		Impact of Policy	<p>Assess the potential environmental consequences of policies that address social problems. Evaluate the effects of policies on global and local ecosystems. Propose possible effects of policies regarding sustainable land use. Skills used: supporting claims, plotting trends, making predictions, interpreting observations, compare and contrast</p>
		Milestones and Turning Points	<p>Illustrate the impact of major milestones in environmental science. Predict possible milestones in environmental policy.</p> <p>Describe the efforts of various countries to reduce resource and ecological depletion. Skills used: making valid criticisms, understanding cause and effect, researching with technology, making predictions, identifying trends</p>
		Global Connection: Newfoundland Cod Fishery Collapse	<p>Assess the societal and environmental consequences of government policy.</p>
The Environment and Society			
		Skills Lesson: Forming a Valid Hypothesis	<p>Identify contributing factors of an observed event or process. Determine relationships between contributing factors utilizing prior knowledge and research. Create an explanation based on the determined relationships. Utilize the explanation to form a valid hypothesis.</p>

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		Limiting Factors and Humans	<p>Identify the influences of environment on behavior. Explain the impact of limiting factors on human society. Describe factors that can impact the stability of a society. Skills used: making logical connections, supporting claims, understanding cause and effect, making valid criticisms</p>
		Humans and the Energy Cycle	<p>Describe the relationship between energy consumption and quality of living. Explain the impact of energy flow and cycles of matter on society. Skills used: creating a flow chart, making predictions, making logical connections, identifying trends and patterns</p>
		Societal Consequences	<p>Determine the impact of biotechnology on society and the environment. Explain the benefits and disadvantages of scientific and medical advancements to society. Skills used: supporting claims, researching with technology, making valid criticisms, understanding cause and effect</p>
		The Environment and the Individual	<p>Describe the relationship between the environment and personal health. Identify synthetic environmental health hazards. Skills used: making logical connections, interpreting observations, understanding cause and effect, compare and contrast</p>
		Other Influences on Personal Health	<p>Describe the relationship between heredity and personal health. Compare and contrast the impact of genetic and environmental factors on individual and public health.</p> <p>Skills used: compare and contrast, understanding cause and effect, making predictions</p>

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	The Environmental Impact of Humans and Technology		
		Natural Events and the Environment	<p>Explain how human activities impact the effects of natural disasters. Describe the impact of natural disasters on local populations. Skills used: understanding cause and effect, graphing projections, making logical connections, supporting claims</p>
		Human Events and the Environment	<p>Evaluate the impact of different agricultural techniques on the environment. Describe the effects of large-scale environmental catastrophes.</p> <p>Skills used: making predictions, identifying trends, understanding cause and effect, graphing projections, compare and contrast, making valid criticisms, supporting claims</p>
		Sustainability	<p>Compare and contrast the impact of differing human lifestyles on sustainability. Describe future sustainability utilizing graphs and current data. Skills used: making predictions, identifying trends, understanding cause and effect, compare and contrast, graphing projections</p>
		Effects of Technology	<p>Describe the impact of energy producing technologies on the environment and the acquisition of natural resources.</p> <p>Explain how energy producing technologies impact land fertility and aquatic viability. Skills used: making predictions, identifying trends, researching with technology, understanding cause and effect, interpreting observations, evaluating explanations, making valid criticisms</p>
		Success Stories	<p>Describe various ways communities are attempting to restore and protect ecosystems. Give examples of emerging efforts designed to successfully address environmental issues. Skills used: understanding cause and effect</p>
		Global Connection: Nuclear Fuel	<p>Evaluate the environmental impact of using nuclear fuel.</p>