



## California Education and the Environment Initiative

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### EEI Curriculum Units Correlated to the Environmental Principles

***Principle I: The continuation and health of individual human lives and of human communities and societies depend on the health of the natural systems that provide essential goods and ecosystem services.***

- Science K.3.a.: The World Around Me
- Science K.3.c.: A Day in My Life
- HSS 1.4.2.: On the Move
- Science 2.3.a. and 2.3.b.: The Earth Rocks
- HSS 2.4.2. and 2.4.3.: The Dollars and Sense of Food Production
- HSS 3.1.1. and 3.1.2.: The Geography of Where We Live
- HSS 3.2.2.: California Indian People: Exploring Tribal Regions
- HSS 3.5.1. and 3.5.2. and 3.5.3.: California's Economy: Natural Choices
- Science 4.2.a.: Plants: The Ultimate Energy Resource
- Science 4.3.d.: Microorganisms and the Human World
- HSS 4.1.3. and 4.1.5.: Reflections of Where We Live
- HSS 4.2.1.: California Indian Peoples and Management of Natural Resources
- Science 6.6.b.: Energy and Material Resources: Renewable or Not?
- HSS 7.3.5.: Genius Across the Centuries
- HSS 7.7.1.: Sun Gods and Jaguar Kings
- HSS 8.6.3.: America Grows
- HSS 10.3.1./10.3.5.: Britain Solves a Problem and Creates the Industrial Revolution

***Principle II: The long-term functioning and health of terrestrial, freshwater, coastal and marine ecosystems are influenced by their relationships with human societies.***

- HSS K.4.5. and K.6.3.: Some Things Change and Some Things Stay the Same
- HSS 1.2.4.: People and Places
- Science 1.2.a.: Surviving and Thriving
- Science 1.2.c.: Finding Shelter
- Science 1.2.d.: Open Wide! Look Inside!
- HSS 2.2.4.: California's Lands: Then and Now
- HSS 2.4.1.: From Field to Table

## ***Principle II (cont.):***

- Science 3.3.c. and 3.3.d.: Living Things in Changing Environments
- HSS 4.2.6.: Cultivating California
- Science 4.2.b.: The Flow of Energy Through Ecosystems
- HSS 4.3.3.: Witnessing the Gold Rush
- HSS 6.1.1.: Paleolithic People: Tools, Tasks and Fire
- HSS 6.2.6./6.2.8.: Egypt & Kush: A Tale of Two Kingdoms
- Science 6.6.c.: Made From Earth: How Natural Resources Become Things We Use
- HSS 7.2.5.: Arabic Trade Networks: Growth and Expansion in the Middle Ages
- Science 7.4.g.: Extinction: Past and Present
- HSS 8.4.1.: Land, Politics, and Expansion in the Early Republic
- HSS 8.12.1.: Agricultural and Industrial Development in the United States (1877-1914)
- Biology B.6.a.: Biodiversity: The Keystone to Life on Earth
- Biology B.6.b.: Ecosystem Change in California
- Biology B.8.d.: The Isolation of Species
- Earth Science E.5.e.: Rainforests and Deserts: Distribution, Uses, and Human Influences
- HSS 10.3.3.: Growth of Population, Cities, and Demands
- HSS 10.4.1.: New Imperialism: The Search for Natural Resources
- HSS 11.8.6.: Postwar Industries and the Emerging Environmental Movement

## ***Principle III: Natural systems proceed through cycles that humans depend upon, benefit from and can alter.***

- Science 2.2.a. and 2.2.b.: Cycle of Life
- Science 2.2.c. and 2.2.d.: Alike and Different
- Science 2.2.e. and 2.2.f.: Flowering Plants in our Changing Environment
- Science 3.3.a.: Structures for Survival in a Healthy Ecosystem
- Science 4.2.c.: Life and Death with Decomposers
- Science 5.3.a.: Earth's Water
- Science 5.3.b.: Changing States: Water, Natural Systems and Human Communities
- Science 5.3.c.: Precipitation, People, and the Natural World
- Science 5.3.d.: Our Water: Sources and Uses
- HSS 6.1.2.: Paleolithic People: Adapting to Change
- HSS 6.2.1.: River Systems and Ancient Peoples
- HSS 6.2.2.: Agricultural Advances in Ancient Civilizations
- HSS 6.2.b.: The Dynamic Nature of Rivers
- HSS 6.5.1./6.6.1.: The Rivers and the Ancient Empires of China and India
- Science 7.3.a.: Shaping Natural Systems Through Evolution
- Science 7.3.e.: Responding to Environmental Change
- Biology B.8.a.: Differential Survival of Organisms
- Earth Science E.7.b.: The Life and Times of Carbon

***Principle IV: The exchange of matter between natural systems and human societies affects the long-term functioning of both.***

- Science 6.5.c.: Energy: Pass it on!
- Science 6.5.d.: Playing the Same Role
- Science 6.6.a.: Energy: It's Not All the Same to You!
- HSS 8.12.5.: Industrialization, Urbanization, and the Conservation Movement
- Biology B.8.b.: Biological Diversity: The World's Riches
- Earth Science E.4.c.: The Greenhouse Effect on Natural Systems
- Earth Science E.8.c.: Living Under One Roof
- HSS 11.5.7.: Mass Production, Marketing, and Consumption in the Roaring Twenties
- Economics 12.2.2./12.2.7.: Sustaining Economies and the Earth's Resources

***Principle V: Decisions affecting resources and natural systems are based on a wide range of considerations and decision-making processes.***

- HSS 5.4.1.: Human Settlement and the Natural Regions of the Eastern Seaboard
- HSS 5.8.4.: Nature and Newcomers
- HSS 7.6.3.: Managing Nature's Bounty: Feudalism in Medieval Europe
- HSS 7.7.3.: Broken Jade and Tarnished Gold
- HSS 8.8.4.: Struggles with Water
- Biology B.5.c.: High Tech Harvest: Genetic Engineering and the Environment
- Earth Science E.5.d.: Ocean Currents and Natural Systems
- Earth Science E.9.c.: Liquid Gold: California's Water
- HSS 10.4.3.: New Imperialism: The Control of India's and South Africa's Resources
- HSS 11.9.7.: The United States and Mexico – Working Together
- HSS 11.11.5.: Many Voices, Many Visions: Analyzing Contemporary Environmental Issues
- Economics 12.1.4.: Private Property and Resource Conservation
- Principles of American Democracy 12.2.2./12.2.5.: This Land is Our Land
- Economics 12.3.1.: Government and the Economy: An Environmental Perspective
- Principles of American Democracy 12.3.2.: Active Voices: Civil Society and the Environment
- Principles of American Democracy 12.7.6.: Making and Implementing Environmental Laws