Environmental Science

Scope and Sequence\*

(\*) The following scope and sequence addresses the main concepts and skills to be taught during the course of the school year.

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| **SCOPE AND SEQUENCE** |
| **Unit/Topic/Skill** | **Suggested Time Frame** | **Notes** |
| Unit 1: Introduction to Environmental Science | 6 Weeks | * Science and the Environment
* Tools of Environmental Science
* The Dynamic Earth/Earth’s Environmental Systems
* Economics and Environmental Policy
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| Unit 2: Ecology | 6 Weeks | * Population Ecology
* Evolution and Community Ecology
* Biomes and Aquatic Ecosystems
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| Unit 3: Populations | 6 Weeks | * Understanding Population Change
* Species Interaction
* Human Population Trends
* Biodiversity and Conservation
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| Unit 4: Earth’s Resources | 5 Weeks | * Water
* Air
* Land
* Minerals and Mining
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| Unit 5: Humans and the Environment | 8 Weeks | * Urbanization
* Pollution and Waste
* The Atmosphere and Climate Change
* The Environment and Human Health
* Nonrenewable Energy
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| Unit 6: Moving Towards a Sustainable Future | 5 Weeks | * Renewable Energy Alternatives
* Reducing Solid Waste
* Sustainability
* Economics, Policy, and the Future
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