



Environmental Science Curriculum Map

Each unit is allocated an approximate number of weeks using a traditional period schedule. Teachers should adjust these timeframes as needed based on student mastery and formative assessment data.

Unit 1: Sustainability and the Human Endeavor		
Sustainability, Ethical Concerns, Environmental Racism, Ecological Laws, Scientific Models, Energy Conservation		
Grading Period 1-9 weeks		
Unit 2: The Biosphere	Unit 3: Population	
Biosphere/Ecosystems, Abiotic/Biotic Factors, Equilibrium of Ecosystem, Biological/Ecological Evolution, Adaptations, Conservation of Mass, Biodiversity	Human Population Changes, Developed/Developing Countries, Demographic Changes	
Grading Period 2-5 weeks	Grading Period 2-4 weeks	
Unit 4: Climate, Hydrosphere and Atmosphere	Unit 5: Water Resources and Water Pollution	
Atmosphere/Hydrosphere/Cryosphere, Weather/Climate, Global Climate Change, Pollution	Water Cycle, Potable Water, Water Sources, Water Pollution,	
Grading Period 3-5 weeks	Grading Period 3-4 weeks	
Unit 6: Food, Soil and Pest Management	Unit 7: Geology, Minerals and Energy	Unit 8: Waste Management
Land Use, Land Loss, Land Management, Agricultural Impact, Food Production	Lithosphere, Tectonic Plates, Geochemical Cycle	Solid Waste, Trash Disposal, Waste Reduction
Grading Period 4-3 weeks	Grading Period 4-4 weeks	Grading Period 4-2 weeks