

Environmental Science, Grades 11-12

UNIT TITLE	THEMATIC QUESTIONS	TEXTS/MATERIALS
Sustainability	Big Question: How should we work towards environmental sustainability while meeting the needs of a growing human population?	Resources: Fishing and Globalization study guide and resources Loss of Biodiversity study guide and resources Unit Plan Unit Rubric
Ecosystems and Scientific Inquiry	Big Question: How do Earth's major systems interact with living organisms to create self-sustaining ecosystems? How do living organisms alter Earth's processes and structures?	Unit Plan Unit Rubric
Current Events	Big Question: How do topics in environmental science affect current people, places, and events? How do we identify credible and relevant sources on current topics in environmental science?	Unit Plan Unit Rubric
Personal Impact Project_Capstone part 1	Big Question: In what ways do humans impact the Earth and what can be done to lessen or eliminate these impacts? How can we quantify and study human impacts on the environment?	Unit Plan Unit Rubric
Garden Development	Big Question: How can we produce food to feed our family, within our own space, in a sustainable way?	Unit Plan Unit Rubric
SimCity	Big Question: How can we design a more sustainable city that addresses current global challenges while supporting citizen needs?	Unit Plan Unit Rubric
Personal Impact Project_Capstone part 2	Big Question: In what ways do humans impact the Earth and what can be done to lessen or eliminate these impacts? How	Unit Plan Unit Rubric

	can we quantify and study human impacts on the environment?	
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