06 Environmental Impact on Micro and Macro Economics

Content Area: **Social Studies**
Course(s): **Economics**
Time Period: **Semester 1 & 2**
Length: **2 weeks**
Status: **Published**

Standards

	Economic globalization affects economic growth, labor markets, human rights guarantees, the environment, resource allocation, income distribution, and culture.
6.2.12.EconGE.3.a	Analyze the interrelationships between the "agricultural revolution," population growth, industrialization, specialization of labor, and patterns of landholding in 19th century Britain.
6.2.12.EconGE.3.b	Construct a claim based on evidence regarding on the interrelationships between the Industrial Revolution, nationalism, competition for global markets, imperialism, and natural resources in different regions of the world.
	Resources impact what is produced and employment opportunities.
6.2.12.EconET.3.a	Determine how, and the extent to which, scientific and technological changes, transportation, and new forms of energy brought about social, economic, and cultural changes in the world.
	Economic ways of thinking are influenced by economists, economic theories, and economic laws (e.g., Smith, Malthus, Ricardo, Marx, Schumpeter, Keynes, Friedman).
6.2.12.EconET.3.b	Compare the characteristics of capitalism, socialism, and communism to determine why each system emerged and its success in leading to economic growth and stability.
	Understanding the interrelated patterns of change by examining multiple events allows for a clearer understanding of the significance of individuals and groups.
6.2.12.HistoryCC.3.b	Explain how industrialization and urbanization affected class structure, family life, the daily lives of men, women, and children, and the environment.
SOC.6.1.12.B.14.c	Evaluate the impact of individual, business, and government decisions and actions on the environment, and assess the efficacy of government policies and agencies in New Jersey and the United States in addressing these decisions.
SOC.6.1.12.B.15.a	Evaluate the effectiveness of the United States government’s efforts to provide humanitarian assistance during international natural disasters and times of crises.
SOC.6.1.12.B.16.a	Explain why natural resources (i.e., fossil fuels, food, and water) continue to be a source of conflict, and analyze how the United States and other nations have addressed issues concerning the distribution and sustainability of natural resources.
SOC.6.1.12.C.12.c	Analyze how scientific advancements impacted the national and global economies and daily life.
SOC.6.1.12.C.12.d	Assess the role of the public and private sectors in promoting economic growth and ensuring economic stability.
SOC.6.1.12.C.14.b	Judge to what extent government should intervene at the local, state, and national levels on issues related to the economy.
SOC.6.1.12.C.14.c	Analyze economic trends, income distribution, labor participation (i.e., employment, the composition of the work force), and government and consumer debt and their impact on society.
SOC.6.1.12.C.16.a	Evaluate the economic, political, and social impact of new and emerging technologies on

	individuals and nations.
SOC.6.1.12.C.16.b	Predict the impact of technology on the global workforce and on entrepreneurship.

Enduring Understandings

1. Companies can make major contributions by developing technologies that produce less pollution and waste that preclude ecosystem degradation.

2. The local, state, and federal costs to address climate change and respond to natural disasters impact micro and macroeconomic decision-making.

3. Economics is the study of the allocation of scarce resources in the presence of seemingly unlimited wants.

4. Economics is about making decisions and identifying the true costs and benefits of those decisions.

5. Economics is the distribution of goods and services distributed in society.

Essential Questions

1. How do basic economic concepts help explain real-world outcomes?
2. How do local, state, and federal governments promote environmental sustainability and economic growth?
3. What role does human capital play in entrepreneurship and venture capital?
4. How are resources allocated to address the short and long term problems caused by natural disasters?

Knowledge and Skills

Students will be able to.....

- Evaluate the micro and macros economic impact of climate change

- Understand the local, state, and federal government's role in response to natural disasters

- Analyze the short and long-term impact of natural disasters on local businesses

- Understand the fight over Colorado River water rights and the impact on California agriculture

- Understand the role of venture capitalists

- Design criteria to evaluate the long-term viability of environmental start-ups to determine the return on investment

- Analyze the human capital, hard and soft skills, skin the game, and perseverance necessary in creating a new company

- Analyze environmental start-ups using criteria based on return on investment

- Evaluate the long and short-term impact of electric cars and energy-saving products

- Analyze the environmental and economic impact of fast fashion

Transfer Goals

1. Students will be able to independently use economic concepts and approaches to affect their personal decision-making and to help them make sense of real-world economics.

2. Students will be able to independently analyze the micro and macroeconomic effects of natural disasters

Resources

Supplemental Sources

Measuring the Economy activity from Econedlink

St. Louis Reserve Colorado River lesson

Teacher created slides

Various news articles (based on current events) related to climate and economics

Additional Resources from WH databases, and articles connected to the content, including primary readings, historiography, and secondary sources.

Digital Sources

Teacher Created Slides

NPR articles

News publications, including but not limited to NYTimes, Washington Post.

Websites of environmental start-up companies

Charts showing the Federal Budget

Crash Course Economics

Khan Academy

BBC articles

Investopedia

Additional Resources from WH databases, and articles connected to the content, including primary readings,

historiography, and secondary sources.

WH Databases, AI (Gemini, Copilot, Magicshoolai), Pear Deck

Web-based resources including but not limited to digital media (SIFT method), primary sources, peer reviews, historical documents and writings of historians

Pear Deck

Assessments

https://docs.google.com/document/d/1mKgdwpriGuRcVHIVCJUdBEk7lih12Q0ckKSTC4TMUXs/edit

Project and presentation on the micro and macro effects of natural disasters

Colorado River Analysis and water allocation simulation

Socratic Seminar discussion on the impact of fast fashion

Venture capitalism project on investing in environmental start-up companies

Current event articles and analysis

Modifications

https://docs.google.com/document/d/1ODqaPP69YkcFiyG72fIT8XsUIe3K1VSG7nxuc4CpCec/edit?tab=t.0