

Appendix

Lsanford_appendix_2012

Implementing Common Core Standards

EEn.2.6-Analyze Patterns of Global Climate Change over Time.

EEn.2.6.1 Differentiate between weather and climate. Analyze global atmospheric changes including changes in CO₂, CH₄, and stratospheric O₃ and the consequences of these changes:

- Climate change
- Changes in weather patterns
- Increasing ultraviolet radiation
- Sea level changes

EEn.2.6.2 Explain changes in global climate due to natural processes.

Analyze global atmospheric changes including changes in CO₂, CH₄, and stratospheric O₃ and the consequences of these changes:

- Climate change
- Changes in weather patterns
- Increasing ultraviolet radiation
- Sea level changes

EEn.2.6.3 Analyze the impacts that human activities have on global climate change (such as burning hydrocarbons, greenhouse effect, and deforestation).

Analyze the sources and impacts of society's use of energy.

- Renewable & nonrenewable sources
- The impact of human choices on Earth and its systems