

Climate Change and Global Warming Lesson

6th, 7th, 8th Grade

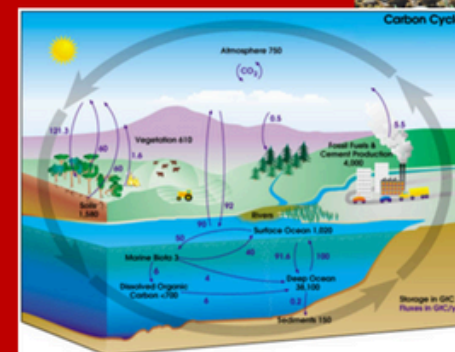
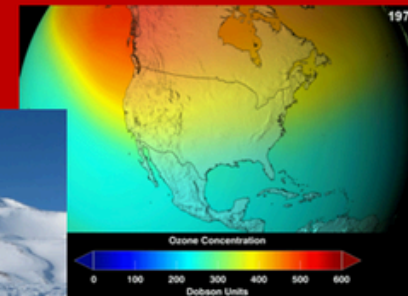


- ✓ Complete Two-Day Lesson
- ✓ Interactive & Inquiry-Based
- ✓ Google & Distance Learning Ready
- ✓ Auto-Graded Exit Ticket & Quiz



Climate Change and Global Warming

- Climate Change vs. Global Warming
- Weather vs. Climate
- Air Convection Currents
- Earth's Climate System
- The Ozone Layer
- The Greenhouse Effect
- Greenhouse Gases
- Greenhouse Gas Emissions
- Global Warming and the Carbon Cycle
- Carbon Sinks
- Effects of Global Warming
- Historical Climate Change



Your Lesson

- ✓ **Complete Two-Day Lesson** – Covers climate change, greenhouse gases, the carbon cycle, and more with engaging visuals and discussions.
- ✓ **Interactive & Inquiry-Based** – Includes 9 videos, student and teacher presentation versions, and discussion opportunities.
- ✓ **Google & Distance Learning Ready** – Available in PowerPoint, Google Slides, Word, and Google Docs for seamless integration.
- ✓ **Auto-Graded Exit Ticket & Quiz** - Your lesson includes a 4 question Exit Ticket on Google Forms.

The Greenhouse Effect

- The heat is mainly created by the plants inside the greenhouse
- The plants absorb the light energy and give off infrared (heat) radiation which can't pass through the glass
- **The infrared radiation bounces around and heats the greenhouse**



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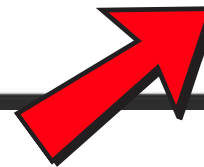


- Have your students complete the student version of the notes while you teach
- Student notes come mostly filled in so students can spend more time listening and less time copying notes.

Effects of Global Warming

The impacts of climate change are predicted to be serious and widespread:

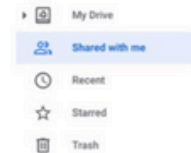
- More violent weather
- Increases in global temperatures → melting glaciers, increase in sea levels, flooding
- Ecosystems → Creating unsuitable habitats (melting ice and polar bears)
- Shifting patterns of rainfall and drought



Videos embedded in directly into your slides. One-click access.

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TWF

**Google Classroom Ready
One-Click Google Slides Access**

Buyer Comments

- **"I used this with Google Classroom. It was a great resource for my students!"**
- **"Good resource. Worked well for my virtual learning students."**
- **"Good overview/introduction to key concepts"**

