

NGSS MS-ESS3-5

Curriculum Bundle

Climate Change & Global Warming Evidence

- ✓ 2 Lessons, 1 Project, and 9 Activities
- ✓ Everything You Need to Teach NGSS MS-ESS3-5

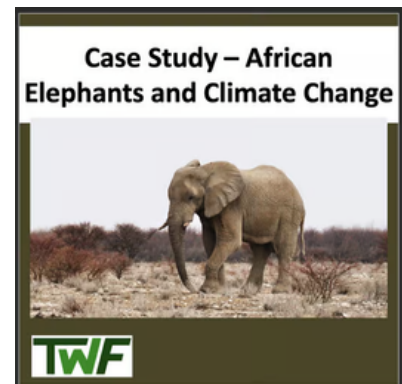


Resources Included

✓ 2 Lessons

✓ 1 Project, and 9 Activities

- Climate Change Lesson
- Climate Change Reading
- Biomass and Fossil Fuels Lesson
- Crash Course Video Worksheet: What is Climate Change
- Crash Course Video Worksheet Keep Warm & Stay Cool Without Fossil Fuels
- Climate Change Project
- Climate Change Crossword Puzzle Activity
- Climate Change Word Search and Scramble Activity
- Climate Change Lab Station Activity
- Climate Change - Digital Interactive Notebook Bundle
- Case Study - Polar Bear and Climate Change
- Case Study - African Elephant and Climate Change



Everything You Need to Teach NGSS MS-ESS3-5

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 Project 6th, 7th, 8th Grade



- ✓ Engaging Research Project
- ✓ Guided Research Process
- ✓ Develop Critical Thinking & Collaboration

Climate Change Word Search and Scramble

THREE Activities in One!

1. Basic 25-Term Word Search
2. Scrambled Words Word Search
3. Word Scramble and Define Activity



Climate Change Lab Station Activity



7 Lab Station Activities to get your kids out of their seats and engaged in their learning

Climate Change Digital Interactive Notebook

Activity 1: Weather vs. Climate
Activity 2: Bill Nye Video
Activity 3: Earth's Climate System

100% Digital and Interactive

Activity 4: Greenhouse Effect Diagram
Activity 5: Report!
Activity 6: Effects of Climate Change



Crash Course Climate & Energy #1: What is Climate Change?

- ✓ Classroom Ready - Just Print and Go!
- ✓ Active Engagement - Keep Students' Attention
- ✓ Direct Video Link Included

WATCH VIDEO



Crash Course Climate & Energy #5: Can We Keep Warm and Stay Cool Without Fossil Fuels?

- ✓ Classroom Ready - Just Print and Go!
- ✓ Active Engagement - Keep Students' Attention
- ✓ Direct Video Link Included

WATCH VIDEO

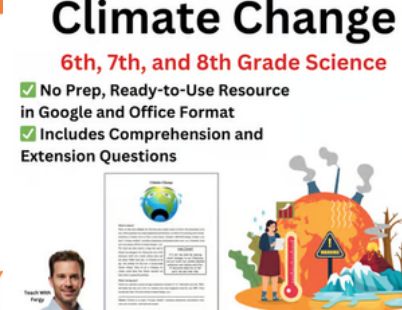
Fossil Fuels

Includes Student Copy and Answer Keys



Reading Comprehension Passage & Questions Climate Change 6th, 7th, and 8th Grade Science

- ✓ No Prep, Ready-to-Use Resource in Google and Office Format
- ✓ Includes Comprehension and Extension Questions

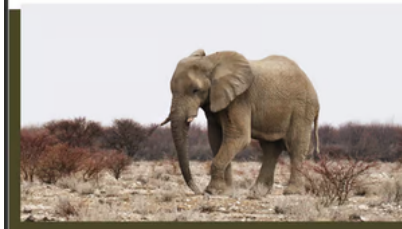


Case Study – Polar Bears and Climate Change



TWF

Case Study – African Elephants and Climate Change

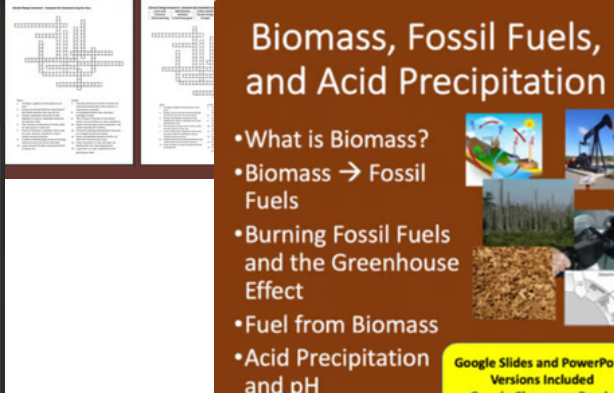


TWF

Biomass, Fossil Fuels, and Acid Precipitation

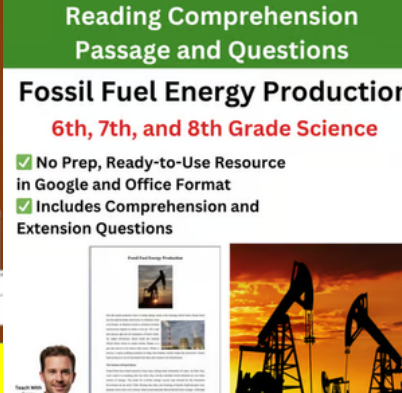
- What is Biomass?
- Biomass → Fossil Fuels
- Burning Fossil Fuels and the Greenhouse Effect
- Fuel from Biomass
- Acid Precipitation and pH

Google Slides and PowerPoint Versions Included
Google Classroom Ready



Reading Comprehension Passage and Questions Fossil Fuel Energy Production 6th, 7th, and 8th Grade Science

- ✓ No Prep, Ready-to-Use Resource in Google and Office Format
- ✓ Includes Comprehension and Extension Questions



The Standard is Explained and the Resources it Incorporates are Outlined

Next Generation Science Standards Package MS ESS3 Earth and Human Activity

MS-ESS3-5. Ask questions to clarify evidence of the factors that have caused the rise in global temperatures over the past century. [Clarification Statement: Examples of factors include human activities (such as fossil fuel combustion, cement production, and agricultural activity) and natural processes (such as changes in incoming solar radiation or volcanic activity). Examples of evidence can include tables, graphs, and maps of global and regional temperatures, atmospheric levels of gases such as carbon dioxide and methane, and the rates of human activities. Emphasis is on the major role that human activities play in causing the rise in global temperatures.]

Resources:

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Climate Change and Global Warming Lesson 6th, 7th, 8th Grade



Climate Change Project 6th, 7th, 8th Grade



Case Study – African Elephants and Climate Change



Who is this Bundle for?

- **Teachers who teach middle school science and use the NGSS**
- **Teachers who want multiple resources at their fingertips including lessons and a variety of activities, in order to meet the standard**
- **Teachers who don't have time to develop their own resources or organize what to teach and when**