

MS-ESS3 California Grade 8 Science - Full Standard

Preferred Integrated Model

- ✓ **Earth and Human Activity**
- ✓ **Complete Standard for California 8th Grade Preferred Integrated Science Instruction Model**
- ✓ **Save you over 75%**



UPGRADE to the Bundle

California Grade 8 Science Full Year Science Curriculum

Preferred Integrated Model

- ✓ Complete Curriculum for California 8th Grade Preferred Integrated Science Instruction Model
- ✓ Over 150 Resources Included, Grouped into Standard and Presented in the Preferred Order According to the California Department of Education
- ✓ Save you over 75%



Everything You Need to Teach 8th Grade Science in California using the Preferred Model

- Lesson Bundles
- Lessons in PowerPoint and Google
- Homework and/or Worksheets Provided for Many Lessons
- Teacher and Student Versions of Each Lesson
- Many Activities, Projects, Review Activities, STEM Challenges



NGSS Included

- MS-LS3 Heredity: Inheritance and Variation of Traits
- MS-LS4 Biological Evolution: Unity and Diversity
- MS-ESS1 Earth's Place in the Universe
- MS-ESS3 Earth and Human Activity
- MS-PS2 Motion and Stability: Forces and Interactions
- MS-PS3 Energy
- MS-PS4 Waves and their Applications in Technologies for Information Transfer
- MS-ETS1 Engineering Design



CLICK HERE



Save 75% and get the FULL
Year Curriculum

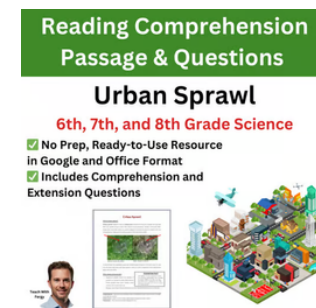
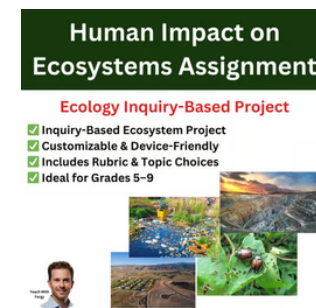
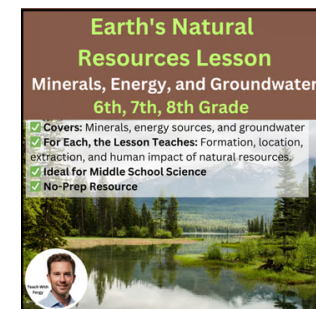
Resources Included

MS-ESS3-4

- Understanding Biodiversity – Lesson
- Biodiversity and Climate Change – Lesson
- Earth's Natural Resources - Mineral Energy and Groundwater - Lesson
- Biodiversity – Reading
- Earth's Natural Resources - Reading
- Build Your Own Aquifer – Project
- Invasive Species – Project
- Human Impact on Ecosystems - Assignment
- Crash Course Video Worksheet - The Effects of Climate Change
- Crash Course Video Worksheet - Human Population Growth
- Crash Course Video Worksheet - Mineral Extraction
- Case Study - Plastic Pollution and Marine Ecosystems
- Case Study - Causes and Consequences of Deforestation in the Amazon Rainforest
- Case Study - Investigating the Impact of Climate Change on Coral Reefs

Additional Included Resources

- Case Study - The Impact of Industrial Pollution on Local Water Sources
- The Effects of Pollution Reading
- Urban Sprawl Reading
- Climate Change Lesson



Everything You Need to Teach 8th Grade Science in California using the Preferred Model for MS-ESS3

Complete Lessons

Biodiversity and Climate Change

- What is Climate Change?
- How Climate Change Affects Biodiversity
- Habitat Loss Due to Climate Change
- Case Study: Coral Reef Bleaching
- Changing Species Habitats
- Climate Change and Biodiversity Loss – Vulnerable, Threatened, Endangered, Extinct
- Impacts of Biodiversity Loss – Food webs, Reduced ecosystem services, Economic impacts, Cultural impacts
- Case Study: Biodiversity Loss in the Amazon Rainforest
- Global Consequences
- What We Can Do



Earth's Natural Resources Lesson

Minerals, Energy, and Groundwater

6th, 7th, 8th Grade

- ✓ Covers: Minerals, energy sources, and groundwater
- ✓ For Each, the Lesson Teaches: Formation, location, extraction, and human impact of natural resources.
- ✓ Ideal for Middle School Science
- ✓ No-Prep Resource



Understanding Biodiversity: Life's Variety Lesson

- What is Biodiversity?
- Levels of Biodiversity
- Genetic Diversity, Species Diversity, Ecosystem Diversity
- Biodiversity in Your Backyard
- Biodiversity Hotspots
- Why is Biodiversity Important?
- Threats to Biodiversity
- Protecting Biodiversity



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

Everything You Need to Teach 8th Grade Science in California using the Preferred Model for MS-ESS3

Activities

**Reading Comprehension
Passage & Questions**
**Earth's Natural Resources:
Mineral, Energy, & Groundwater**
6th, 7th, and 8th Grade Science

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



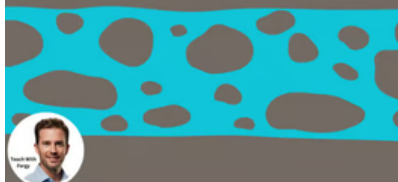
**Reading Comprehension
Passage & Questions**
Urban Sprawl
6th, 7th, and 8th Grade Science

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



Build Your Own Aquifer
6th, 7th, 8th Grade Project

- ✓ Hands-on Learning
- ✓ Real-World Connections
- ✓ Critical Thinking
- ✓ Engaging and Memorable



**Reading Comprehension
Passage & Questions**
Effects of Pollution
6th, 7th, and 8th Grade Science

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



Case Study
"Toxic Waters: The Devastating Impact of Industrial Pollution on a Local Water Source"



TWF

Improve your students' Scientific Literacy and Analysis Skills, use an Emergency Substitute Plan or create Applicability in your classroom.

**Human Impact on
Ecosystems Assignment**

Ecology Inquiry-Based Project

- ✓ Inquiry-Based Ecosystem Project
- ✓ Customizable & Device-Friendly
- ✓ Includes Rubric & Topic Choices
- ✓ Ideal for Grades 5-9



**Reading Comprehension
Passage & Questions**
Biodiversity
6th, 7th, and 8th Grade Science

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Case Study: The Effects of Plastic Pollution on Marine Ecosystems



TWF

**Crash Course Biology 2.0
#9: The Effects of Climate Change**

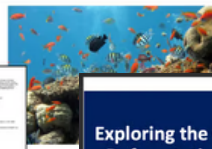
- ✓ Classroom Ready - Just Print and Go!
- ✓ Active Engagement - Keep Students' Attention
- ✓ Direct Video Link Included

[WATCH VIDEO](#)



Includes Student Copy and Answer Keys

Case Study
"Fragile Balance: Investigating the Impact of Climate Change on Coral Reefs"



Improve your students' Scientific Literacy and Analysis Skills, use an Emergency Substitute Plan or create Applicability in your classroom.

Case Study
Exploring the Causes and Consequences of Deforestation in the Amazon Rainforest



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**Crash Course Ecology #3:
Human Population Growth**

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

[WATCH VIDEO](#)



Includes Student Copy and Answer Keys

The Standard is Explained and the Resources it Incorporates are Outlined

California Preferred Integrated NGSS Course Model – Grade 8 MS-ESS3 Earth and Human Activity

MS ESS3-4: Construct an argument supported by evidence for how increases in human population and per-capita consumption of natural resources impact Earth's systems

Examples of evidence include grade-appropriate databases on human populations and the rates of consumption of food and natural resources (such as freshwater, mineral, and energy). Examples of impacts can include changes to the appearance, composition, and structure of Earth's systems as well as the rates at which they change. The consequences of increases in human populations and consumption of natural resources are described by science, but science does not make the decisions for the actions society takes

Resources:

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Case Study
Exploring the Causes and Consequences of Deforestation in the Amazon Rainforest



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Who is this Bundle for?

- **Teachers who teach grade 8 science in California and who use the ‘Preferred Integrated Model’**
- **Teachers who want a variety of resources at their fingertips in order to meet the standards**
- **Teachers who don’t have time to develop their own resources or organize what to teach and when**