

MS-ESS3 California Grade 6 Science - Full Standard

Preferred Integrated Model

- ✓ **Earth and Human Activity**
- ✓ **Complete Standard for California 6th Grade Preferred Integrated Science Instruction Model**
- ✓ **Saves you over 75%**



Resources Included

ESS3-3

- Reducing Human Impact on the Environment Lesson
- Save the Drops – Designing a Water Conservation Plan Project
- Build Your Own Aquifer Project
- Crash Course Video Worksheet Human Impacts on the Environment
- Human Impact on Ecosystems Assignment
- Human Impact on Ecosystems Inquiry Lab
- Experiment Ecobottles
- Pollution Control Devices Reading
- Case Study The Impact of Industrial Pollution on Local Water Source
- Urban Sprawl Reading
- Crash Course Video Worksheet How Are Cities Organized

Reducing Human Impact on the Environment - Lesson
6th, 7th, 8th Grade

- ✓ Reducing Human Impact on the Environment: Why the Environment Matters, What is Human Impact and Common Types, Scientific Monitoring, Government Agencies, and What We Can Do.
- ✓ Student + Teacher Versions: Office, Google, and PDF Versions
- ✓ Multimedia-Rich Lesson with No Prep Required



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
Urban Sprawl
6th, 7th, and 8th Grade Science

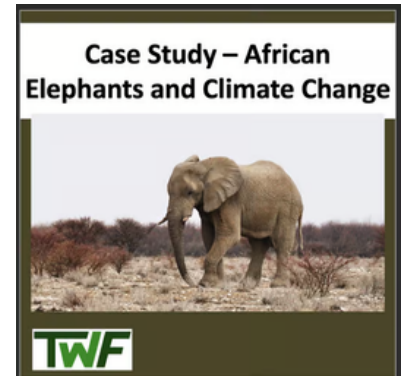
- ✓ No Prep, Ready-to-Use Resource in Google and Office Format
- ✓ Includes Comprehension and Extension Questions



Resources Included

ESS3-5

- 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



UPGRADE to the Bundle

California Grade 6 Science Full Year Science Curriculum

Preferred Integrated Model

- ✓ Complete Curriculum for California 6th Grade Preferred Integrated Science Instruction Model
- ✓ Over 125 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 6th
Grade Science in California using the
Preferred Model

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



NGSS Included

- MS-LS1 From Molecules to Organisms: Structures and Processes
- MS-LS3 Heredity: Inheritance and Variation of Traits
- MS-ESS2 Earth's Systems
- MS-ESS3 Earth and Human Activity
- MS-PS3 Energy
- MS-ETS1 Engineering Design



CLICK HERE



Save 75% and get the FULL
Year Curriculum

Everything You Need to Teach 6th Grade Science in California using the Preferred Model for MS-ESS3

Lessons

Reducing Human Impact on the Environment - Lesson
6th, 7th, 8th Grade

- ✓ Reducing Human Impact on the Environment: Why the Environment Matters, What is Human Impact and Common Types, Scientific Monitoring, Government Agencies, and What We Can Do.
- ✓ Student + Teacher Versions: Office, Google, and PDF Versions
- ✓ Multimedia-Rich Lesson with No Prep Required



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

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



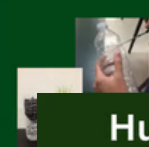
Google Slides and PowerPoint Versions Included
Google Classroom Ready

Human Impact on Ecosystems Inquiry Lab Experiment

Let your kids explore the scientific method with a hands-on Ecosystem Lab

Includes

- Full task overview with pictures
- Description of lab report components
- Scaffold your students' learning
- Have your kids learn to design and carry out an experiment
- Complete rubric marking scheme
- Teaching and student versions in Word, Google, and PDF formats



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

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



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



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



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

Projects

Everything You Need to Teach 6th Grade Science in California using the Preferred Model for MS-ESS3

Activities

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

Climate Change
Crossword Puzzle

• 15 - Term Crossword
• Includes 2 Versions

- Version 1 - No Word Bank
- Version 2 - Includes a Word Bank

TWF

Case Study – Polar Bears and Climate Change

TWF

Crash Course Ecology #10: Human Impacts on the Environment

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

WATCH VIDEO

Includes Student Copy and Answer Keys

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

Reading Comprehension
Passage and Questions

Pollution Control Devices

6th, 7th, and 8th Grade Science

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- Includes Comprehension and Extension Questions

Case Study – African Elephants and Climate Change

TWF

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

Includes Student Copy and Answer Keys

Climate Change
Word Search and Scramble

THREE Activities in One!

- Basic 25-Term Word Search
- Scrambled Words Word Search
- Word Scramble and Define Activity

TWF

Reading Comprehension
Passage & Questions

Climate Change

6th, 7th, and 8th Grade Science

- No Prep, Ready-to-Use Resource in Google and Office Format
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Reading Comprehension
Passage and Questions

Fossil Fuel Energy Production

6th, 7th, and 8th Grade Science

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- 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.

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

Climate Change
Lab Station Activity

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

The Standard is Explained and the Resources it Incorporates are Outlined

Next Generation Science Standards Package MS ESS3 Earth and Human Activity

Note: There may be resources that overlap between the standards. Simply choose the order that best fits your classroom. Also, there are more resources here than you will most likely decide to use. I have provided extra so you can make the best decision for your students on what is best to include.

MS-ESS3-3. Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment. * [Clarification Statement: Examples of the design process include examining human environmental impacts, assessing the kinds of solutions that are feasible, and designing and evaluating solutions that could reduce that impact. Examples of human impacts can include water usage (such as the withdrawal of water from streams and aquifers or the construction of dams and levees), land usage (such as urban development, agriculture, or the removal of wetlands), and pollution (such as of the air, water, or land).]

Resources:

- Reducing Human Impact on the Environment Lesson
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- Human Impact on Ecosystems Assignment
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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 Reading
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- Case Study - African Elephant and Climate Change

Who is this Bundle for?

- **Teachers who teach grade 6 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**