

NGSS MS-ESS3-3

Curriculum Bundle

Human Impact on the Environment

- ✓ 1 Lesson and 9 Activities
- ✓ Everything You Need to Teach NGSS MS-ESS3-3



Resources Included

✓ 1 Lesson

✓ 9 Activities

- 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



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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



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



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

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

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Reading Comprehension Passage and Questions

Pollution Control Devices

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

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- ✓ Includes Comprehension and Extension Questions



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

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:

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

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**