

NGSS MS-LS2-5

Curriculum Bundle

Design Solutions to Protect Biodiversity and Ecosystems

- ✓ 2 Lessons and 5 Activities
- ✓ Everything You Need to Teach NGSS MS-LS2-5



Resources Included

✓ 2 Lessons

✓ 5 Activities

- Biodiversity and Invasive Species Lesson
- Biodiversity Culminating Project Bundle
- The Devastating Impact of Industrial Pollution on Local Water Source
- The Effects of Pollution Reading
- Water Filtration Engineering Challenge
- Weathering, Erosion, and Deposition Lesson
- Biodiversity and Ecosystem Services - Station Activity

BIODIVERSITY CULMINATING TASK BUNDLE

- The bundle includes 3 culminating tasks (unit projects)
- Each is fully editable and includes a complete rubric
- Comes in Office, PDF, and Google Formats



Infographic



Presentation
TWF

Case Study

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

A photograph of a large bridge spanning a river, with industrial buildings visible in the background.

TWF

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

Biodiversity and Ecosystem Services

NGSS-MS-LS2-5 Station Activity

A photograph of a classroom setup for a station activity, with several informational cards and a small model of a landscape.

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Everything You Need to Teach NGSS MS-LS2-5

Biodiversity and Invasive Species

- Invasive vs. Native Species
- The Effect of an Invasive Species on an Ecosystem
- How Invasive Species Reduce Biodiversity
- Case Study - The Small Asian Mongoose and Cane Toad
- Controlling Invasive Species
- 5 Extreme Invasive Species

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



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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



Erosion, Weathering, and Deposition

MIDDLE SCHOOL - EARTH SCIENCE

- Physical Weathering
- Chemical Weathering
- Erosion
- Sediment Transport
- Deposition



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Diorama



Infographic

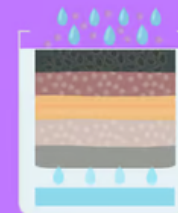


Presentation

TWF

WATER FILTRATION ENGINEERING CHALLENGE

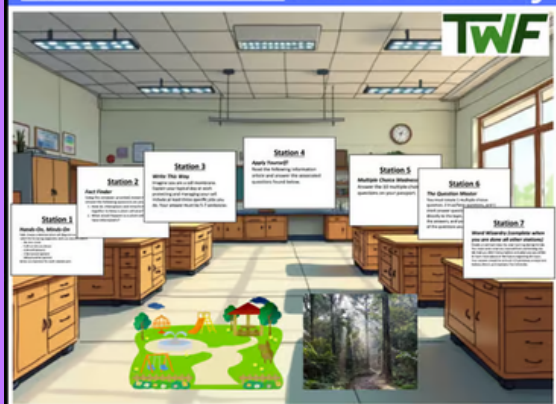
MIDDLE SCHOOL



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Biodiversity and Ecosystem Services

NGSS-MS-LS2-5 Station Activity



The Standard is Explained and the Resources it Incorporates are Outlined

Next Generation Science Standards Package MS LS2 Interactions, Energy, and Dynamics

MS-LS2-5. Evaluate competing design solutions for maintaining biodiversity and ecosystem services.
[Clarification Statement: Examples of ecosystem services could include water purification, nutrient recycling, and prevention of soil erosion. Examples of design solution constraints could include scientific, economic, and social considerations.]

Resources:

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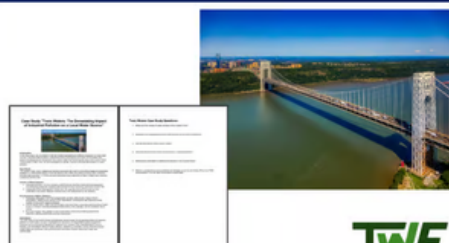
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Presentation



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



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Biodiversity and Ecosystem Services NGSS-MS-LS2-5 Station Activity



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**