

NGSS MS-LS2-4

Curriculum Bundle

How Ecosystem Changes Affect Populations

- ✓ 4 Lessons and 9 Activities
- ✓ Everything You Need to Teach NGSS MS-LS2-4

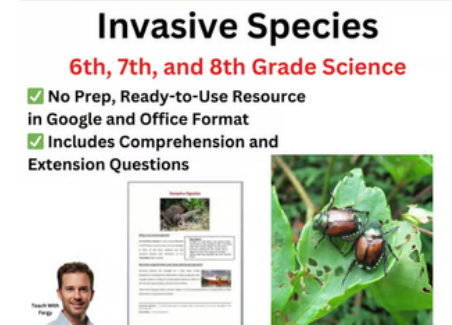
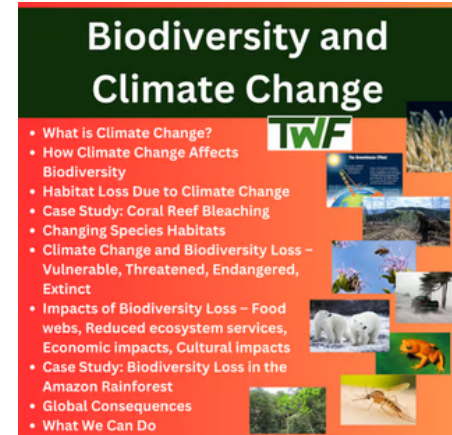
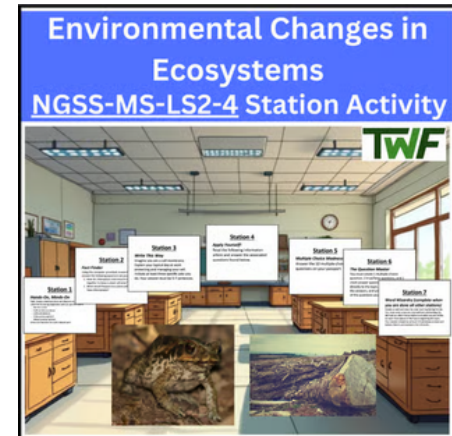


Resources Included

✓ 4 Lessons

✓ 9 Activities

- Biotic and Abiotic Population Influences Lesson
- Predator Prey Relationships Reading
- Biodiversity and Invasive Species Lesson
- Environmental Changes in Ecosystems - Station Activity
- Climate Change Lesson
- Crash Course Video Worksheet The Effects of Climate Change
- Crash Course Video Worksheet What is Climate Change
- Biodiversity and Climate Change Lesson
- Case Study - Koalas and Climate Change
- Fracking and Its Dangers Reading
- Invasive Species Reading
- Invasive Species Digital Scavenger Hunt
- Invasive Species Digital INB



Everything You Need to Teach

NGSS MS-LS2-4

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



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



Chapter 9: Invasive Species

Digital Interactive Notebook Pages

- 100% Digital and Interactive
- Perfect for your Google Classroom or Microsoft OneDrive



Environmental Changes in Ecosystems

NGSS-MS-LS2-4 Station Activity



Device-Based Scavenger Hunt

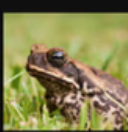
Invasive Species

Includes

- 5 Unique Locations
- Online form submission
- Answer Key

Works on all smartphones, tablets, Chromebooks and laptops

- 100% Digital
- Simulations
- Quizzes
- Videos
- Games
- Word Scramble and more



Reading Comprehension Passage & Questions

FRACKING AND ITS DANGER

6th, 7th, and 8th Grade Science

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



Climate Change and Global Warming Lesson

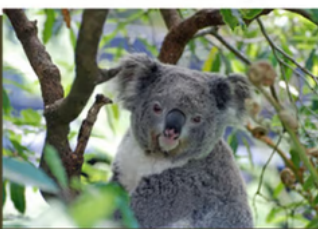
6th, 7th, 8th Grade



- ✓ Complete Two-Day Lesson
- ✓ Interactive & Inquiry-Based
- ✓ Google & Distance Learning Ready
- ✓ Auto-Graded Exit Ticket & Quiz



Case Study – Koalas and Climate Change




Reading Comprehension Passage & Questions

Predatory - Prey Relationships

6th, 7th, and 8th Grade Science

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



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



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](#)

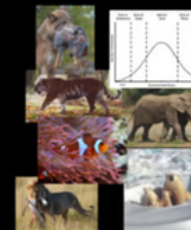


Includes Student Copy and Answer Keys



Biotic and Abiotic Population Influences

- Biotic and Abiotic Factors
- Limiting factors
- Tolerance
- Carrying Capacity
- Symbiosis
- Predator-Prey relationships
- Population Equation
- Exponential growth



Google Slides and PowerPoint Versions Included
Google Classroom Ready

Reading Comprehension Passage & Questions

Invasive Species

6th, 7th, and 8th Grade Science

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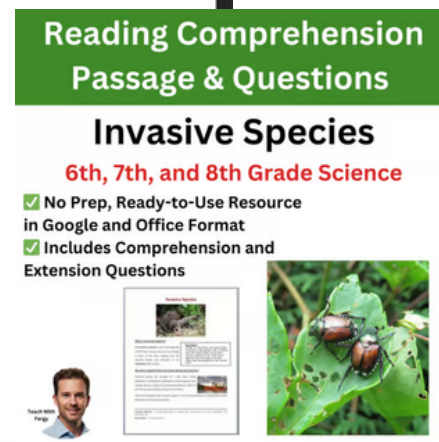
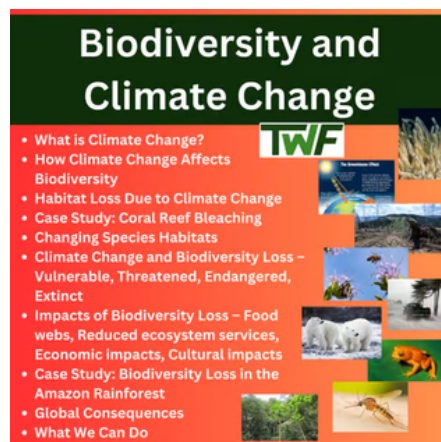
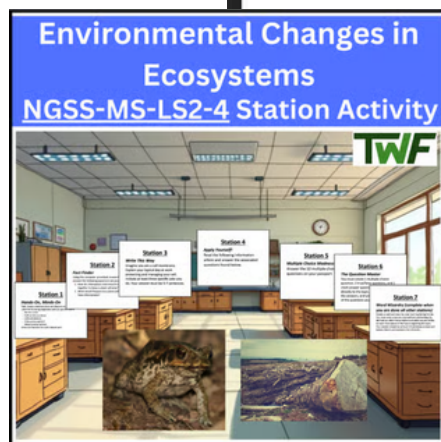
The Standard is Explained and the Resources it Incorporates are Outlined

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

MS-LS2-4. Construct an argument supported by empirical evidence that changes to physical or biological components of an ecosystem affect populations. [Clarification Statement: Emphasis is on recognizing patterns in data and making warranted inferences about changes in populations, and on evaluating empirical evidence supporting arguments about changes to ecosystems.]

Resources:

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- Invasive Species Digital Scavenger Hunt
- Invasive Species Digital Interactive Notebook Pages



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**