

TEKS Grade 8 - S.8.12

Stability and Changes in Populations and Ecosystems

- ✓ 8th Grade Science TEKS Curriculum Bundle - S.8.12.A, S.8.12.B, S.8.12.C
- ✓ Variety of Lesson and Activity Types
- ✓ Digital + Printable Formats



NEW 2024



- Saves Prep Time - Everything is pre-made, ready to go, and fully editable.
- Resources are Engaging, Applicable, and Fully TEKS Aligned.
- Includes a Teaching Timeline
- Digital and Print - Most resources come in PDF, Office, and Google versions.

SCROLL
to learn more!



HOW THIS BUNDLE HELPS YOU

- **Saves Prep Time** - Everything is pre-made, ready to go, and fully editable.
- **Digital and Print** - Most of the resources come in PDF, Office, and Google versions so no formatting needed. They can be printed, uploaded, or displayed.
- **Provides Applicability** - So you know what to teach and when in order to fully cover the TEKS Standards.

NO PREP
Just Download and Teach

TEKS - Grade 8
S.8.12 - Organisms and environments. The student understands stability and changes in populations and ecosystems.
S.8.12.B - The student is expected to describe how primary and secondary ecological succession affect populations and species diversity after ecosystems are disrupted by natural events or human activity.
Resources:

- Ecological Succession SE Lesson Bundle
 - Ecological Succession - Lesson
 - Ecological Succession - Primary and Secondary - Lab Station Activity
 - Ecological Succession - Digital INB
 - Ecosystems and Ecological Succession - Digital Scavenger Hunt Activity
- Ecology Case Study - Ecological Succession After Wildfire

TEKS Science Daily Teaching Plan
Lesson Length: 55 minutes
Timeframe: 5 Days

Day	Lesson/Activity
Day 1	Ecological Succession SE Lesson Bundle - Engagement Phase - Ecological Succession - Primary and Secondary - Lab Station Activity
Day 2	Ecological Succession SE Lesson Bundle - Ecological Succession - Lesson
Day 3	Ecological Succession SE Lesson Bundle - Ecosystems and Ecological Succession - Digital Scavenger Hunt Activity
Day 4	Ecological Succession SE Lesson Bundle - Evaluate Phase
Day 5	Ecology Case Study - Ecological Succession After Wildfire Complete any outstanding assignments/activities

Includes S.8.12.A,
S.8.12.B, S.8.12.C
TEKS Standards

Fully Editable

All Resources
Included

**DAILY TEACHING
SCHEDULE**

Includes:

TEKS Grade 8 - S.8.12.A

Energy Transfer Disruptions in Ecosystem Food Webs

- ✓ 8th Grade Science TEKS Curriculum Bundle
- ✓ Variety of Lesson and Activity Types
- ✓ Digital + Printable Formats



NEW 2024

TEKS Grade 8 - S.8.12.B

Primary & Secondary Ecological Succession and Populations

- ✓ 8th Grade Science TEKS Curriculum Bundle
- ✓ Variety of Lesson and Activity Types
- ✓ Digital + Printable Formats



NEW 2024

TEKS Grade 8 - S.8.12.C

Biodiversity and the Stability of Ecosystems

- ✓ 8th Grade Science TEKS Curriculum Bundle
- ✓ Variety of Lesson and Activity Types
- ✓ Digital + Printable Formats



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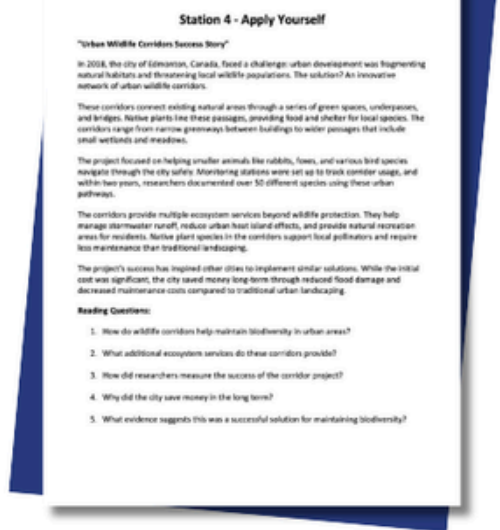
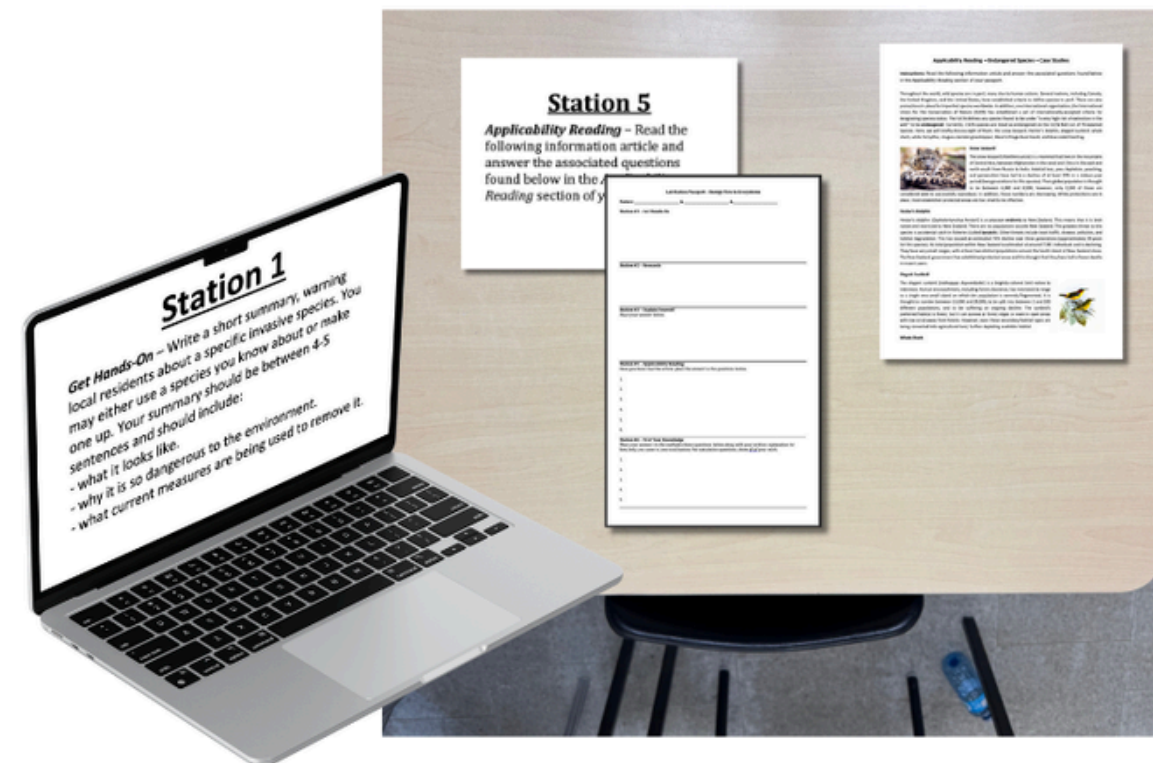
★ 3 Complete TEKS
Standards each with their
own **Day-by-day**
Teaching Schedule
★ Lesson Bundles,
Lessons, Assessments, &
Activities
★ Office, Google, and PDF
Versions of Resources

What You Get

Lesson and Activities



Lessons



Activities

WHAT WILL YOUR STUDENTS LEARN? S.8.12.A

TEKS Grade 8 - S.8.12.A Energy Transfer Disruptions in Ecosystem Food Webs

- ✓ 8th Grade Science TEKS Curriculum Bundle
- ✓ Variety of Lesson and Activity Types
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NEW 2024



- Energy Flow in Ecosystems - Lesson
- Biotic and Abiotic Population Influences - Lesson
- Populations and Resource Availability - Station Activity
- Natural Disasters - Weather and Climate – Reading
- Food Web – Activity

★ Day-by-day
Teaching Schedule

★ 2 Engaging Lessons

★ 3 Engaging Activities

★ Office, Google, and
PDF Versions of
Resources



S.8.12.A

Lessons, Activities, & Daily
Teaching Timeline

Energy Flow In Ecosystems

- Photosynthesis
- Cellular Respiration
- Ecological Niche
- Producers & Consumers
- Herbivores, Omnivores & Carnivores
- Scavenger
- Food Chain
- Trophic Levels
- Food Webs
- Ecological Pyramids

Google Slides and PowerPoint Versions Included
Google Classroom Ready

TEKS – Grade 8

S.8.12 - Organisms and environments. The student understands stability and changes in populations and ecosystems.

S.8.12.A - The student is expected to explain how disruptions such as population changes, natural disasters, and human intervention impact the transfer of energy in food webs in ecosystems.

Resources:

- Energy Flow in Ecosystems - Lesson
- Biotic and Abiotic Population Influences - Lesson
- Populations and Resource Availability - Station Activity
- Natural Disasters - Weather and Climate – Reading
- Food Web – Activity

TEKS Science Daily Teaching Plan

Lesson Length: 55 minutes
Timeframe: 5 Days

Day	Lesson/Activity
Day 1	Energy Flow in Ecosystems - Lesson
Day 2	Energy Flow in Ecosystems - Lesson
Day 3	Biotic and Abiotic Population Influences - Lesson
Day 4	Natural Disasters - Weather and Climate – Reading
Day 5	Food Web – Activity

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

POPULATIONS AND
RESOURCE AVAILABILITY
STATION ACTIVITY | NGSS-MS-LS2-1

Middle School

JUST PRINT AND GO

Natural Disasters: Weather and Climate

Scientific Reading Comprehension Article and Extension Activity

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

WHAT WILL YOUR STUDENTS LEARN? S.8.12.B

TEKS Grade 8 - S.8.12.B Primary & Secondary Ecological Succession and Populations

- ✓ 8th Grade Science TEKS Curriculum Bundle
- ✓ Variety of Lesson and Activity Types
- ✓ Digital + Printable Formats



NEW 2024

- Ecological Succession 5E Lesson Bundle
- Ecological Succession – Lesson
- Ecological Succession - Primary and Secondary - Lab Station Activity
- Ecological Succession - Digital INB
- Ecosystems and Ecological Succession – Digital Scavenger Hunt Activity
- Ecology Case Study - Ecological Succession After Wildfire



★ Day-by-day Teaching Schedule

★ 1 5E Lesson Bundle

★ 1 Engaging Lesson

★ 4 Engaging Activities

★ Office, Google, and PDF Versions of Resources



S.8.12.B

Lesson, Activities, & Daily Teaching Timeline

Ecological Succession 5E Bundle

- Engagement
- Exploration
- Explanation
- Elaborate
- Evaluate

Google Slides and PowerPoint Versions Included
Google Classroom Ready

ECOLOGICAL SUCCESSION LESSON

Covers Primary and Secondary Succession

Google & Office Versions

No-Prep and Fully Editable

Over 380 Units Sold!

ECOLOGICAL SUCCESSION LAB STATION ACTIVITY

7 Print-Ready Stations | JUST PRINT & GO

Over 520 Units Sold & 37 ★★★★★ Ratings!

Chapter 6: Ecological Succession

Digital Interactive Notebook Pages

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

Successional Timeline

Draw!

3-2-1 Review

TWTF

Device-Based Scavenger Hunt Ecosystems and Ecological Succession

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

Case Study Ecological Succession After Wildfire

Build your students' scientific literacy, apply science to real-world issues, and stay prepared with a no-prep substitute lesson

TEKS – Grade 8

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TEKS Science Daily Teaching Plan

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Timeframe: 5 Days

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Day 5	Complete any outstanding assignments/activities

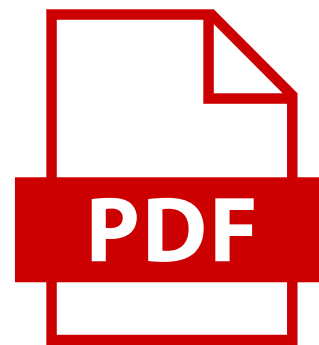
WHAT WILL YOUR STUDENTS LEARN? S.8.12.C

TEKS Grade 8 - S.8.12.C Biodiversity and the Stability of Ecosystems

- ✓ 8th Grade Science TEKS Curriculum Bundle
- ✓ Variety of Lesson and Activity Types
- ✓ Digital + Printable Formats



NEW 2024



- Biodiversity Understanding – Lesson
- Biodiversity and Invasive Species - Lab
- Biodiversity and Ecosystem Services - Station Activity

Station 1

Get Hands-On – Write a short summary, warning local residents about a specific invasive species. You may either use a species you know about or make one up. Your summary should be between 4-5 sentences and should include:

- what it looks like.
- why it is so dangerous to the environment.
- what current measures are being used to remove it.



★ Day-by-day Teaching Schedule

★ 1 Engaging Lesson

★ 2 Engaging Activities

★ Office, Google, and PDF Versions of Resources



S.8.12.C

Lesson, Activities, & Daily Teaching Timeline

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

TWF



TEKS – Grade 8

S.8.12 – Organisms and environments. The student understands stability and changes in populations and ecosystems.

S.8.12.C – The student is expected to describe how biodiversity contributes to the stability and sustainability of an ecosystem and the health of the organisms within the ecosystem.

Resources:

- *Biodiversity Understanding – Lesson*
- *Biodiversity and Invasive Species - Lab Station Activity*
- *Biodiversity and Ecosystem Services - Station Activity*

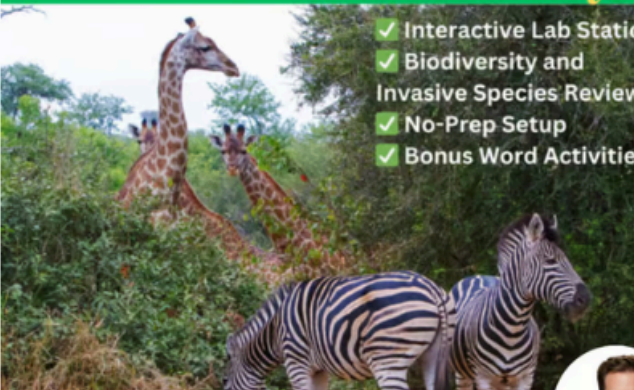
TEKS Science Daily Teaching Plan

Lesson Length: 55 minutes
Timeframe: 3 Days

Day	Lesson/Activity
Day 1	Biodiversity Understanding – Lesson
Day 2	Biodiversity and Invasive Species - Lab Station Activity
Day 3	Biodiversity and Ecosystem Services - Station Activity

BIODIVERSITY AND INVASIVE SPECIES Lab Station Activity

- ✓ Interactive Lab Stations
- ✓ Biodiversity and Invasive Species Review
- ✓ No-Prep Setup
- ✓ Bonus Word Activities



Over 45 ★★★★★ Ratings!

Teach With Ferg

BIODIVERSITY & ECOSYSTEM SERVICES STATION ACTIVITY

NGSS-MS-LS2-5

Middle School **JUST PRINT AND GO**



Teach With Ferg

Upgrade to the TEKS Grade 8 Bundle

✓ **SAVE YOU 85%!**

✓ **Covers All 8th Grade TEKS Standards:** Fully aligned with Texas' standards for Grade 8 Science.

✓ **Massive Resource Library:** Includes 5E lesson bundles, labs, lessons, readings, activities, quizzes, and more across all science domains.

✓ **Organized by Standard:** Easy-to-navigate layout helps you teach S.8.1-13

✓ **No Prep & Editable:** Ready-to-use PDFs, Word docs, and digital versions for seamless classroom integration.

8th Grade Science TEKS Curriculum Bundle

- ✓ Complete 8th Grade Science TEKS Curriculum Bundle - Ideal for Classroom and STAAR prep
- ✓ Variety of Lesson and Activity Types
- ✓ Organized by Topic & Standard
- ✓ Digital + Printable Formats



**Click to
learn more!**

As a special bonus, I want to send you a few resources that you can use in your classroom tomorrow. Completely free and geared towards what you teach!



Just



and then choose what you teach!

thanks
**for your interest
in this resource!**



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