

NGSS HS-LS2-1

Curriculum Bundle

Factors that Affect Carrying Capacity of Ecosystems

- ✓ 1 Lesson and 3 Activities
- ✓ Everything You Need to Teach NGSS HS-LS2-1

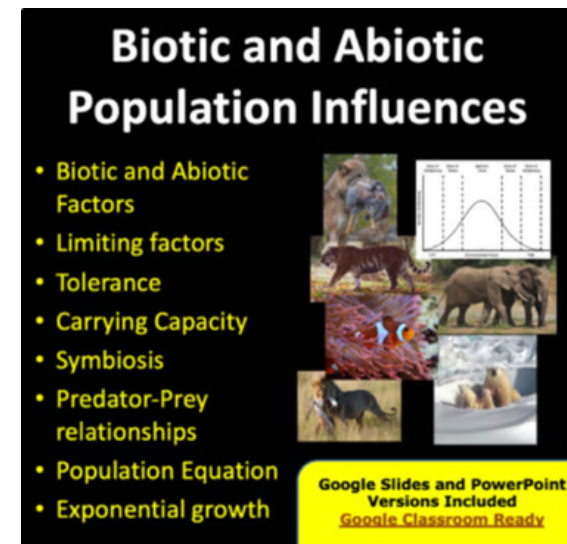
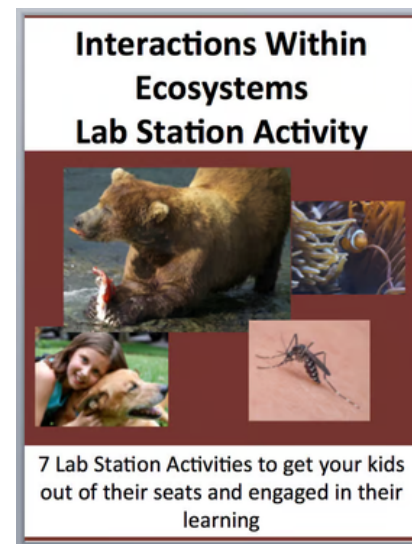


Resources Included

✓ 1 Lesson

✓ 3 Activities

- Biotic and Abiotic Population Influences – Lesson
- Carrying Capacity Lab - Ecosystem Dynamics
- Symbiotic relationships between plants and insects – Reading
- Interactions Within Ecosystems - Lab Station Activity



UPGRADE to the Bundle



This Bundle:

- ✓ Covers the entire NGSS HS-LS2 Standard
- ✓ Includes Many Lessons, Activities, Projects, and More
- ✓ Is No Prep & Fully Editable

NGSS HS-LS2

Ecosystems: Interactions,
Energy, and Dynamics

Full Standard BUNDLE

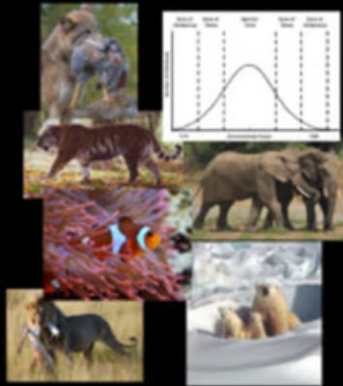
- ✓ Everything You Need to Teach NGSS HS-LS2
- ✓ Lessons, Activities, Labs, Projects, and more
- ✓ HS-LS2-1, LS2-2, LS2-3, LS2-4, LS2-5, LS2-6, LS2-7, LS2-8



Everything You Need to Teach NGSS HS-LS2-1

Biotic and Abiotic Population Influences

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



Google
V
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Carrying Capacity Lab The Pine Valley Challenge

Ecosystem Dynamics **TWF**



Symbiotic Relationships between plants and insects Scientific Reading Comprehension Article



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

Interactions Within Ecosystems 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

HS LS2 Ecosystems: Interactions, Energy, and Dynamics

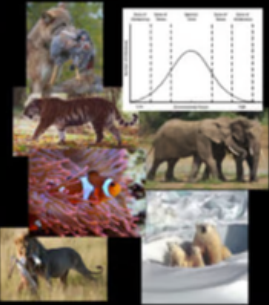
HS-LS2-1. Use mathematical and/or computational representations to support explanations of factors that affect carrying capacity of ecosystems at different scales. [Clarification Statement: Emphasis is on quantitative analysis and comparison of the relationships among interdependent factors including boundaries, resources, climate, and competition. Examples of mathematical comparisons could include graphs, charts, histograms, and population changes gathered from simulations or historical data sets.] [Assessment Boundary: Assessment does not include deriving mathematical equations to make comparisons.]

Resources:

- Biotic and Abiotic Population Influences – Lesson
- Carrying Capacity Lab - Ecosystem Dynamics
- Symbiotic relationships between plants and insects – Reading
- Interactions Within Ecosystems - Lab Station Activity

Biotic and Abiotic Population Influences

- Biotic and Abiotic Factors
- Limiting factors
- Tolerance
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Google Slides and PowerPoint Versions Included
Google Classroom Ready

Carrying Capacity Lab The Pine Valley Challenge

Ecosystem Dynamics



TWF

MS-LS2-1

Symbiotic Relationships between plants and insects

Scientific Reading Comprehension Article



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

Who is this Bundle for?

- **Teachers who teach High 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**