

**Baker Science Outreach Learning
Spring 2020**

(Baker science) **Week of (May11-May15)**

Teacher/:

If there are any questions, please
feel free to email me/us at:

taylorb@lpisd.org

Previous Lessons:

See Student Activities below.

Link to: *(Resources)*.

Objectives

Objective / I Can:

- The student is expected to describe biotic and abiotic parts of an ecosystem in which organisms interact
AND diagram the levels of organization within an ecosystem, including organism, population, community, and ecosystem.

Activities

Student Activities: (Resources, videos for students to use.)

1. **Click on the links to watch the videos:**

2. **Log into Stemsscopes:**

<https://login.acceleratelearning.com/?to=n11056d41170>

1. Picture Vocabulary
2. STEMscopedia
3. Content connection videos
4. Pre-Assessment
5. Progress Monitoring

Academic/Instructional Support

Schedule:

Office Hours

Teacher Support - TEAMS

For assistance, help, or questions, I will be available **LIVE** online
in TEAMS from **9am-11am on TUESDAYS AND 1-3 ON
THURSDAYS**. If you not are available for this time period, then

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	please send your questions or concerns to my email. taylorb@lpsd.org
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To Be Graded

Assignment for students to submit to **STEMscopes**:

When is it due? **May 15, 2020**

What assignments will the student submit in STEMscopes?

1. **Pre-Assessment**
2. **Progress Monitoring**

Ecosystems: Organization and interactions in an environment

Vocabulary

1. **Organism**—A living thing. An individual Plant, animal, insects, birds, etc.
2. **Species**-- A group of **organisms** with similar characteristics that are able to interbreed.
3. **Population**—A group of the **SAME SPECIES** located in the same area
4. **Community**—All of the **populations** of different species living together in an area
5. **Environment**—All the living and nonliving things in an area
6. **Biosphere**—All living things on Earth
7. **Abiotic factors**—Non living factors in an environment (**sun, sand, dirt, rocks, soil, water, temperature, climate**)
8. **Biotic factors**—Living factors in an environment (**plants, animals, insects, fish**)
9. **Ecosystem**—A system of all the biotic and abiotic factors in an environment AND their interactions among them.
10. **Habitat**—A place where an organism lives or grows
11. **Niche**- The function of an organism within a community. *What's its role?* **Ex. A population of Oak trees serves as a home for a population of squirrels.**

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Levels of Organization in an Ecosystem

