

03/7

Ecosystems Vocab #1

~Create a Populations and Ecosystems title page and table of contents.

- Populations and Ecosystems
- Leave a full page for illustrations

~On the following page add your lesson heading for lesson #1.

~Use a post-it to mark the start of Populations and Ecosystems.

Learning I can sort items into biotic, abiotic, individual, population,
Target: community, and ecosystem categories.

Living things can be defined by 8 characteristics. How many can you list?



- grow *
- waste *
- Reproduce.
- ~~• movement~~
- ~~• eggs~~
- * • cell
- need energy
- ~~take in nutrients~~
- need H₂O
- exchange gases.
- air / breath
- Respond to stimuli

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Target: community, and ecosystem categories.

Living things can be defined by 8 characteristics. How many can you list?



- Period 2
- Exchange of gases
 - Cells
 - reproduction
 - grows
 - ~~nutrients~~ energy requires energy
 - Produces waste
 - H_2O
 - reacts to environment
 - respond to stimuli

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Living things can be defined by 8 characteristics. How many can you list?



Period 4

Responds to stimulus.

- Requires energy.
1. Cells
 2. Reproduce
 3. eliminates waste
 4. dies
 5. eat/drink
 6. grows
 7. movement
 8. adapt
- Require water.
- exchange gases

Learning I can sort items into biotic, abiotic, individual, population, community, and ecosystem categories.

03/7 Ecosystem Vocabulary #1

Living things can be defined by 8 characteristics. How many can you list?

Period 1



- cells
- grow
- WASTE
- (DEPOSE)
- ~~• adapt~~ → Respond to stimulus.
- Reproduce
- needs water
- Exchanges gases
- ~~consumes nutrients~~

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8 Characteristics of Living Things



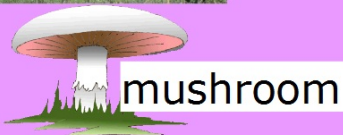
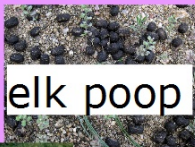
- require water ✓
- reproduce ✓
- Require energy ✓
- Exchange gases ✓
- Produce waste ✓
- grow ✓
- respond to stimuli ✓
- Are made of cells ✓

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03/7

In your journal make a T chart and sort the following items into the correct category. Add 2 more items to each column.

Living



Non-living





Definitions:

Biotic: Living things and the products of living things. (Living)

Abiotic: Non-living chemical and physical factors in the environment. (Non-living)

Learning Target: I can sort items into biotic, abiotic, individual, population, community, and ecosystem categories.

Biotic



tree



elk



mushroom



elk poop



newspaper

Abiotic



clouds



fire



rain



rock



Sort your cards as:

Individual: One single organism.

Population: All of the individuals of one species in a specified area at one time.

Community: All of the interacting populations in a specified area.

Ecosystem: A system of interacting organisms and abiotic factors in a specified area.

Abiotic: Non-living chemical and physical factors in the environment.

Learning Target: I can sort items into biotic, abiotic, individual, population, community, and ecosystem categories.

03/7

Ecosystems vocab

#1

If there is time!

[Read P. 6 and 7](#)

Learning I can sort items into biotic, abiotic, individual, population,
Target: community, and ecosystem categories.