

04/23

Energy in Trophic Levels

#6

Complete your journal check then answer the questions in your journal. NEW TITLE!



Snail.



Trillium

1. How does the trillium get energy?
2. How does the snail get energy?
3. What does the snail and the trillium do with the energy they obtain?



Learning

target: I can understand how energy moves through trophic levels.

Complete your journal check then answer the questions in your journal. **NEW TITLE!**



Snail.



Trillium

1. How does the trillium get energy?

-The trillium gets energy from the sun and stores it in glucose. (chemical energy)

2. How does the snail get energy?

-The snail gets energy from eating plants.

3. What does the snail and the trillium do with the energy they obtain?

-They use the energy to live. (grow, reproduce)



Learning

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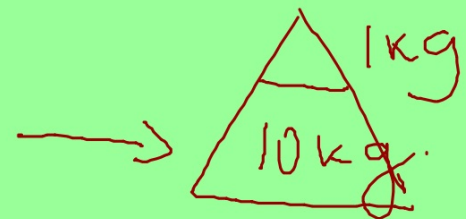
Energy is the ability to do work. What are some of the kinds of work organisms do that require energy?

The energy they do not use to live they store as BIOMASS.

The biomass is eaten by other organisms.



10% of the energy an organism takes in is stored



Learning target:

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Categories:

Movement, Maintenance, Waste,
Growth/Reproduction



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copy into
notes

Trophic Levels: The levels in the food web.
(producer, consumers, decomposers)

read

Energy enters the food web through the producers. When the primary consumers eat producers, the energy moves to the next trophic level.

As you move from producers up through the consumers, each trophic level gets farther from the original energy source, sunlight.

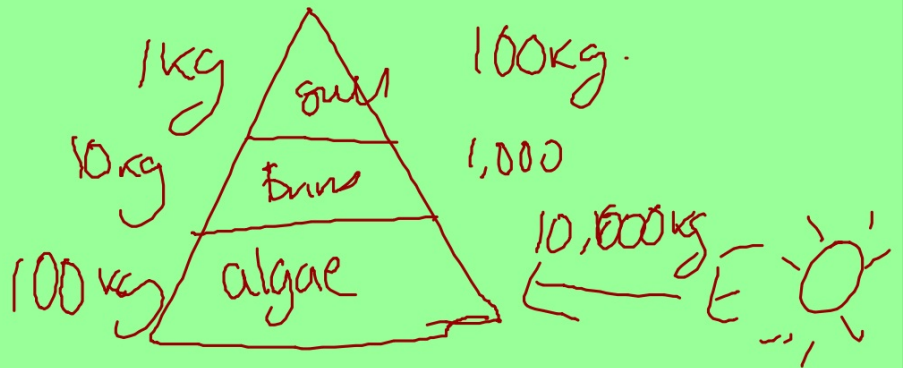


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10% Rule

Based on the 10% rule, could you have an ecosystem in which there lived 100kg of algae, 100kg of brine shrimp, and 100kg of California gulls?



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Observation #3

weather:

Air temp:

Pond Temp:

of water striders:

of diving beetles:

of tadpoles:

of frogs

Other descriptions:



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