

What you need to know for the Ecology Test 2019:

Know/memorize the definitions for the following terms. Write the definitions for the words on your own paper.

- Define the following terms:

definition and example of Biotic:

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definition and example of Abiotic:

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definition and example of Population:

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definition and example of Ecosystem:

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definition and example of predator:

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definition and example of niche:

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definition and example of migration:

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definition and example of dormancy:

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definition and example of natural selection:

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definition and example of camouflage:

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definition and example of biodiversity:

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definition and example of adaptation:

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1. How do food webs display competition?

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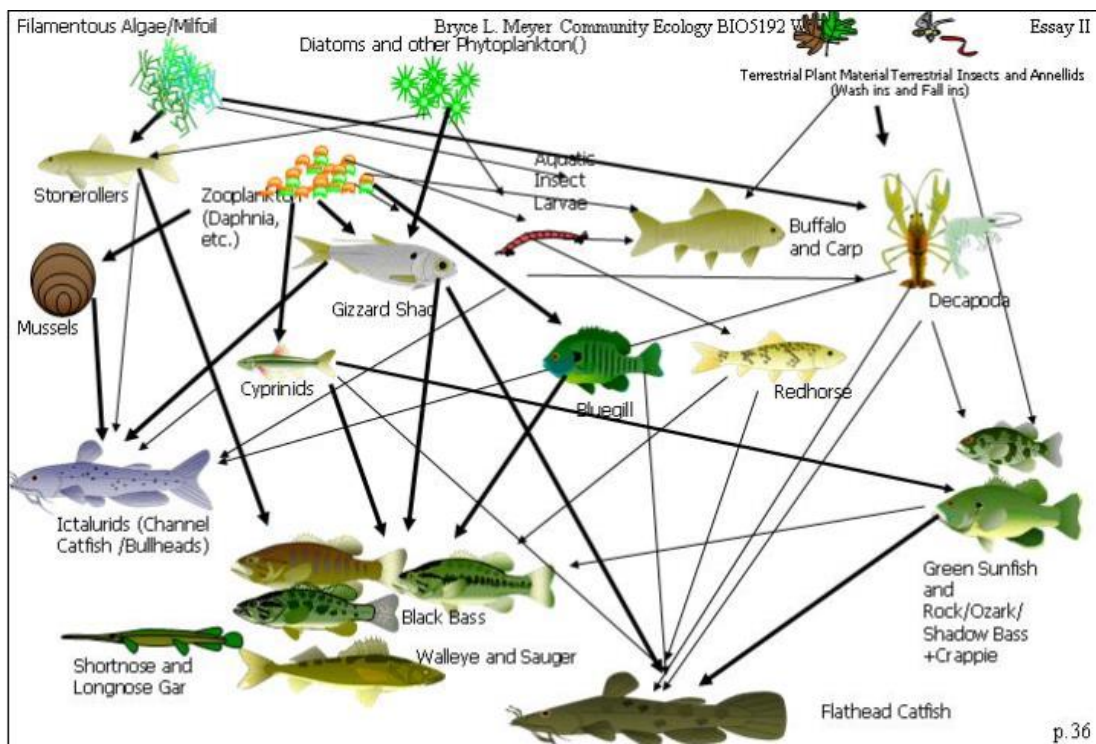
2. Look around outside your house or the school and identify biotic and abiotic features in the environment.

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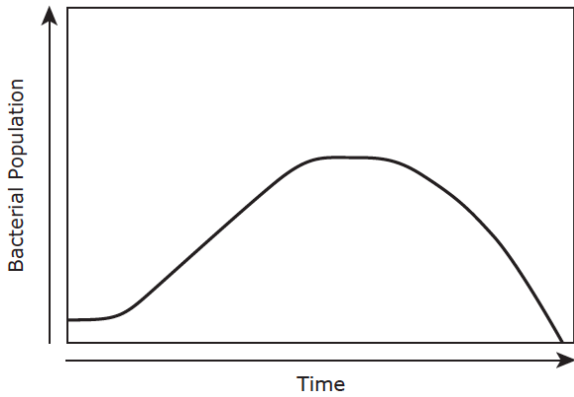


3. List 2 biotic factors that they channel catfish competes for in the web.

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4. List 2 abiotic factors that the populations compete for in the food web above.

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5. What story does this graph tell?

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6. What do the canopies of trees compete for in a forest?

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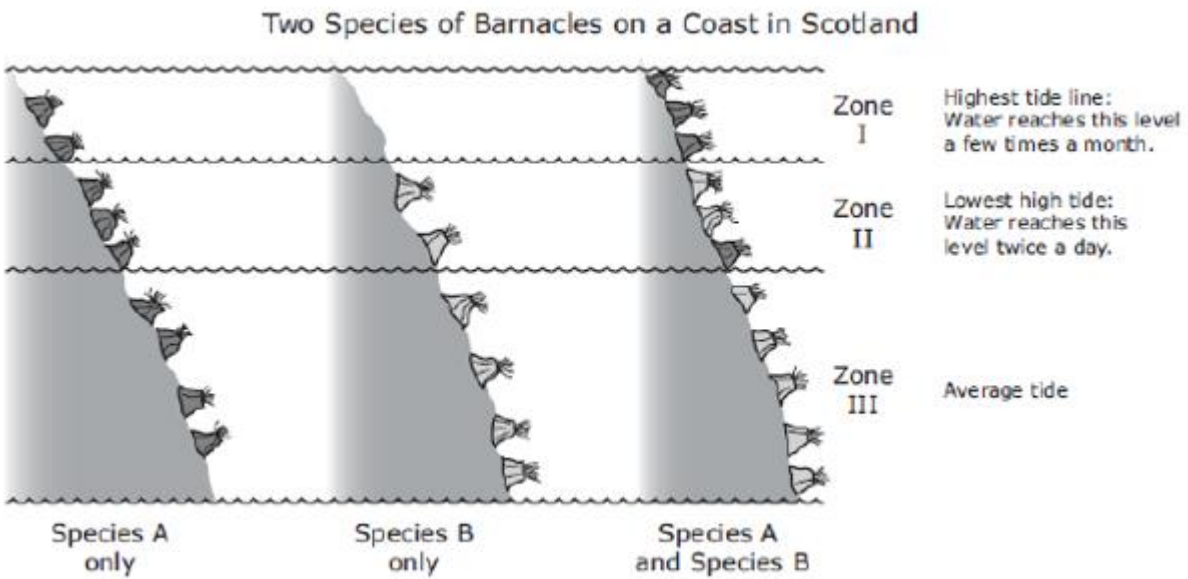
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7. What do the roots of trees compete for in a forest?

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8. What story does the pictograph tell above about Species A and Species B of Barnacles?

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9. How does competition impact the different species of barnacles?

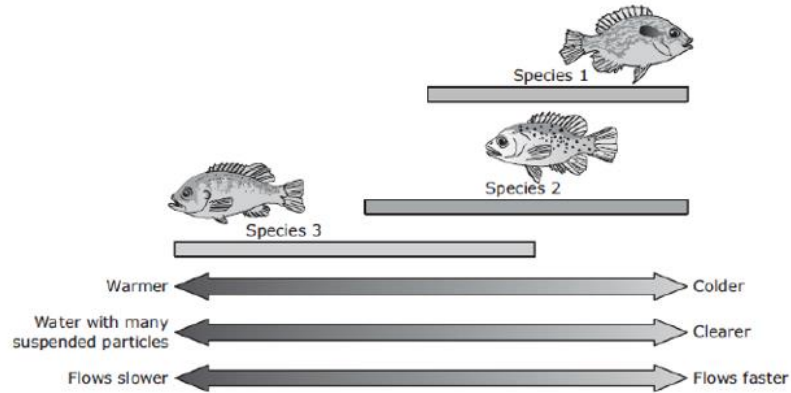
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10. The graph above shows the conditions preferred by three different species of fish in a stream. What story does this graph tell in terms of competition?

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11. What type of factor are the fish competing for according to the graph?

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12. Give examples of long term environmental changes.

How can humans cause environmental changes?

Review how amount of rain fall affects the size of a bird's beak.

Give examples of short term environmental changes.

How do organisms respond to short term changes?