



ROCK EAGLE 4-H CENTER

LAKE ECOLOGY

VOCABULARY

ROCK EAGLE'S ENVIRONMENTAL EDUCATION FIELD STUDY

- Abiotic:** material lacking any biotic (once living) substances.
- Biotic:** material composed of living or once alive components.
- Consumer:** an organism that uses a producer for food; cannot make their own food.
- Detritus:** dead organic matter and the accompanying decomposers feeding upon it.
- Ecology:** the study of ecosystems.
- Ecosystem:** relationships between living (biotic) community and its non-living (abiotic) environments
- Food Pyramid:** A graphic representation of a food web showing producers at the bottom and the highest level consumer at the top.
- Groundwater:** water held in deposits within gravel or porous rocks below the earth's surface.
- Infiltration:** water percolating through the soil and into the pores of permeable rocks.
- Metamorphosis:** a change in the form or function of a living organism by a natural process of growing or development.
- Plankton:** microscopic plants and animals that live in both freshwater and marine ecosystems, forming the base of most food pyramids.
- Producer:** an organism that creates its own food using the sun's energy and is the base of the food chain.
- Runoff:** an overflow of rainfall not absorbed by the ground.

Making the best better!



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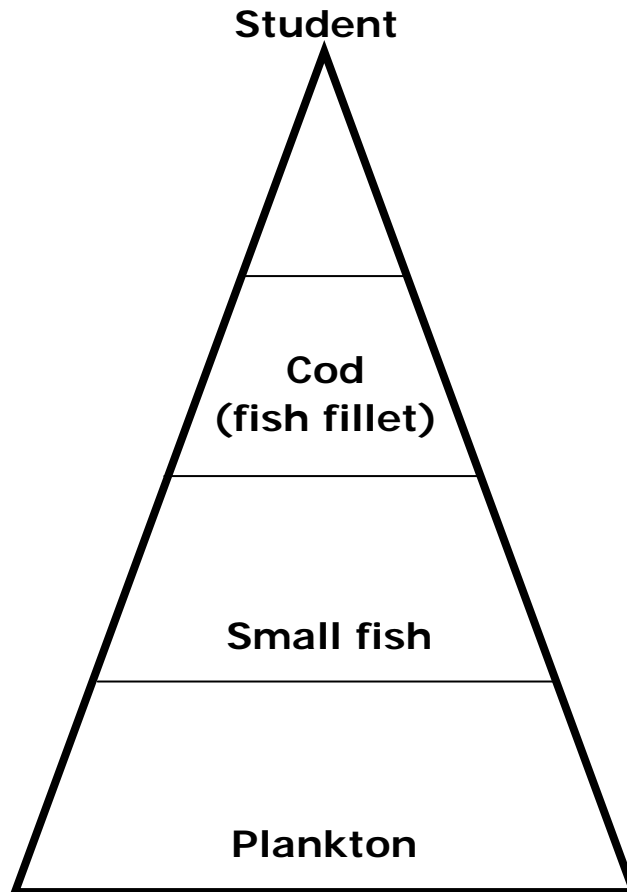


LAKE ECOLOGY PRE-POST ACTIVITIES



Food Pyramid

Have the students draw a food pyramid that represents having a steak, a fish fillet, or a bowl of beans. An example:



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