

## Lesson: Why do you have to clean a fish tank but not a pond?

---

<b>algae</b>	organisms that live in water and that produce their own food, like plants do
<b>atmosphere</b>	the gases that surround a planet
<b>bacteria</b>	an organism that is usually a decomposer; some cause illness
<b>carbon cycle</b>	the process of carbon moving back and forth between non-living and living parts of the environment, like carbon dioxide in the air moving into plants
<b>carbon dioxide</b>	a type of gas that plants sometimes take in and that animals release when they breathe
<b>consumer</b>	a living thing that eats other living things
<b>cycle</b>	a set of events that repeats in the same order over and over
<b>decomposer</b>	a living thing that can break down dead plants, dead animals, or animal waste
<b>ecosystem</b>	all the living things that interact with each other and their environment in one place
<b>fungus (fungi)</b>	a living thing that is a decomposer, such as a mold or mushroom
<b>matter</b>	anything that takes up space and has weight; can be in different forms such as solid, liquid, or gas
<b>model</b>	a pretend version of something that scientists use when the real thing is too big, small, or complicated to work with

## Lesson: Why do you have to clean a fish tank but not a pond?

---

<b>nutrient (micronutrient)</b>	a substance that living things need to grow and stay healthy
<b>organism</b>	any living thing
<b>oxygen</b>	a type of gas that plants release and animals breathe in
<b>phytoplankton</b>	tiny, floating living things in water that are smaller than algae and produce their own food, like plants do
<b>producer</b>	a living thing that makes its own food
<b>system</b>	a group of things that affect each other and function as a whole