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Word	Description
Biotic	The living components of an ecosystem.
Organism	A single living thing.
Abiotic	The non-living components of an ecosystem.
Ecosystem	Interactions amongst the biotic and abiotic components in a particular area.
Population	A group of organisms of the same species in an ecosystem.
Community	A group of different populations interacting in an ecosystem.
Biome	A region of land with characteristic climate, soil and organisms.

The final level is...

Biosphere The places on and around earth where life can exist.

Let's look a little closer at the word "biosphere."

bio living sphere 3D circle

The biosphere is divided into three areas. The following prefixes can help you determine the names of these three areas. Using a laptop, look up the prefixes, and see if you can figure out what the three areas of the biosphere are.

"atmo"
i
r

Hydrosphere
Lithosphere
Atmosphere

"hydro"
2
0

all of the water on Earth, including oceans, rivers, etc
the solid mineral material that covers the earth
the blanket of air that surrounds both the hydrosphere and the lithosphere

"litho"
a
a
a

I am not asking you to research the three areas, I want you, specifically, to determine what the prefixes mean.

Ecosystems

All the organisms living in a particular area, as well as all the nonliving, physical components of the



Ecosystems

That is the end of today's lesson. At this point I have no more work for you. I would like you to use the remaining time to check your science binder, making sure you have all of the contents, and everything is up to date (complete).

Once done, note that you have a quiz _____, you could study for that.

You also have your eco sampling assignment, you could think of ideas for things to include in your discussion section. If the computers are available, you could work typing some of your answers.

Regardless of what you choose to do, you are to be working on school work, science first, then other subjects.