

Paradigm: The dominant theory of a time period

Paradigm shift: A change in the basic beliefs in a field of science.

May 20-6:45 PM

What are some examples of paradigm shifts in science?

Everything revolves around the Earth -> Everything revolves around the Sun

The Earth is flat -> The Earth is round

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How did our grandparents view the environment?

How do we view the environment?

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Indicator species are plants and animals that demonstrate the health or quality of an ecosystem.

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Frogs are a good indicator species because ...

they are amphibious so they would indicate the health of two different ecosystems (aquatic and terrestrial)

They are exposed to hazards in both habitats, so any decline in the health of either habitat will affect the frogs.

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Classwork/Homework

* Read pages 10 - 13

* Make a list of the four main reasons frogs are disappearing, and write a one sentence summary for each

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4 main reasons:

1. Loss of habitat because of human activity means they have less places to live.
2. They breathe through their skin so pollutants in the air and water are absorbed easily.
3. Frogs have thin skin so UV radiation is harming their cells.
4. Climate change causes their habitats to dry up.

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