

Food chain effects

Sun → Grass → Grass-hopper → Frog → Hawk

What would happen if the frog population disappeared?

- a) Grasshopper population would increase
- b) Grass would become over-grown
- c) The fish population would decrease
- d) Hawk Populations would increase

Since less animals are eating the grasshopper then it will have little threat and will be able to reproduce. Another effect of removing the frog is that the Hawk would not have food and will decrease its population.

The_Vanishing_Frog_with_Jeff_Corwin.wmv 1.1
 <https://www.youtube.com/watch?v=X0J40D2d0-l>
 <https://www.youtube.com/watch?v=Xuobs4RO10k>
 <https://www.youtube.com/watch?v=pN8R0GkOaVo>


What would happen if frogs started to disappear?

- Declining frog populations would cause mosquito and fly populations to increase
- Declining tadpole populations would cause algae populations to increase this would cause serious environmental hardship

 <https://www.youtube.com/watch?v=b3V04D3C4Lg>

1.1

Why are Frogs disappearing?

- loss of habitat
 - human development has caused areas needed for frog populations to diminish

- poor air and water quality
 - Harmful bacteria forming
 - air pollution gets absorbed into the skin of a frog
 - reproduction rates decrease with increasing levels of acid rain

- increased exposure to ultraviolet radiation
 - high levels of UV radiation burns skin and damages skin cells

- climate change
 - higher temperatures are hard for frogs to adapt to

Animal Adaptation

toad



Animal Adaptations

Have you ever wondered how animals are able to survive the wild?



Animals have certain adaptations that help them to survive.



Think about the way you dress in the winter.



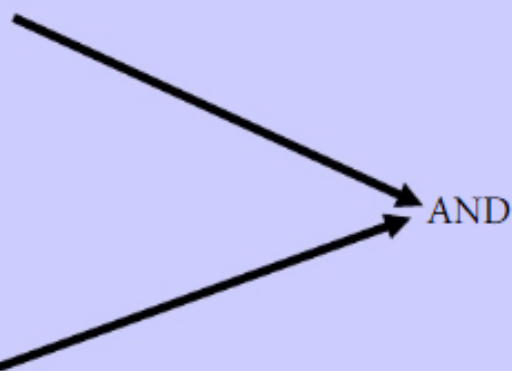
You don't wear your shorts and bathing suit when it's snowing outside!

You wear warm clothes, and maybe even a hat and mittens to protect yourself from the weather.



We can separate adaptations has into two categories:

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1) Physical



2) Behavioral



Hey! I'm a walking stick. I look just like a stick you'd find on the ground.

1) Physical adaptations

are body structures that allow an animal to find and consume food, defend itself, and to reproduce its species.

Helps the animal survive in its environment

