

Animal Adaptation

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Animal Adaptations

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



• Animals have certain adaptations that help them to survive.

◦ adaptations are special characteristics or traits

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} ~~to~~ two categories:

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1) Physical



2) Behavioral

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

Physical adaptations

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

Physical adaptations help an animal survive in its environment.

Physical adaptation

Example of Physical adaptations

1) *Camouflage* (use of color in a surrounding)



The chameleon can change its **color** to match its surroundings.
Can **you** do that?

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/

Physical adaptation

2) *Mimicry*

(looking or sounding like another living organism)

The Viceroy butterfly uses mimicry to look like the Monarch butterfly. Can you tell them apart?



Poisonous

I'm the Monarch!

I'm the Viceroy!

Not poisonous



Physical adaptation



3) *Chemical defenses* (like venom, ink, sprays)

Physical adaptations

4) Body coverings & parts (claws, beaks, feet, armor plates, skulls, teeth)



The elephant's **trunk** is a physical adaptation that helps it to clean itself, eat, drink, and to pick things up.

Now let's learn about
Behavioral Adaptations...



Behavioral Adaptations allow animals to
respond to life needs.

We can divide Behavioral Adaptations ^{has} ~~into~~ two groups:

1) Instinctive

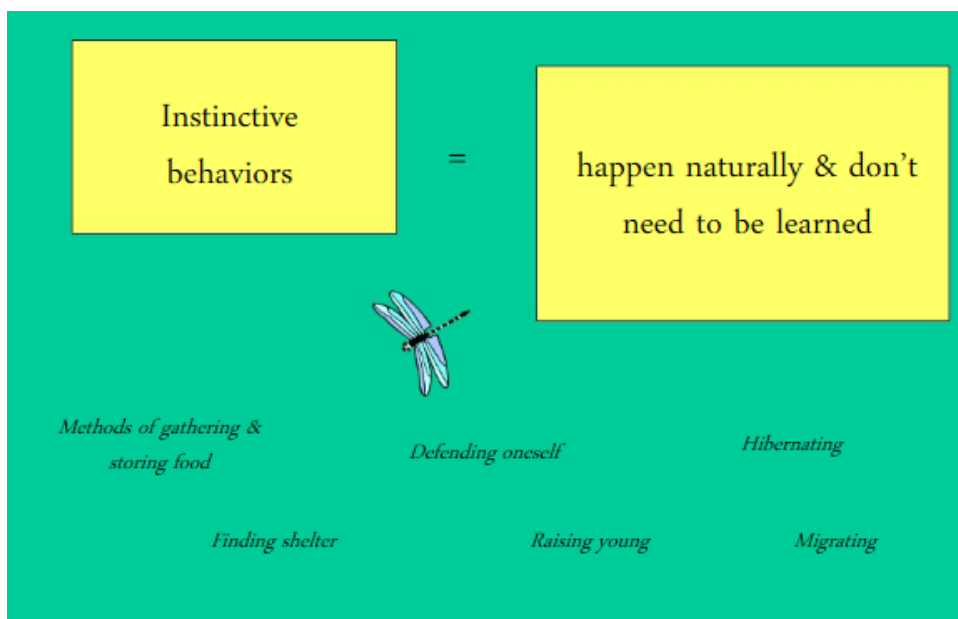


These behaviors happen naturally & don't have to be learned.

2 Learned



These behaviors must be taught.



Learned
behaviors


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Obtained by interacting with
the environment and cannot
be passed on to the next
generation except by teaching.





Physical adaptations are body structures.

Some examples of physical adaptations are:

 Camouflage

 Mimicry

 Chemical defenses

 Body coverings & parts

Behavioral Adaptations are animals' actions.

Behavioral Adaptations can be
Instinctive or Learned.



Videos On Adaptations

