

# Adaptations Unit 11 Lesson 1

Adaptation: a characteristic of a plant or animal that allows the organism to survive in a particular environment

Adaptations depends on habitats (where they live)

Adapt means to → Change which → Produces Variation

\*changes are passed to their offspring

If Habitat changes too quickly, or too much

Organisms do not adapt

2 Choices

they move  
MIGRATE

Don't Survive

Fewer offspring

Eventually become  
Extinct

Adaptations can be Physical or Behavioral

# Unit 11 lesson 1

## Physical Adaptations: Adaptations on the Body

Camouflage: blends into surroundings

Ex: Arctic hare



white fur blends into snow

Fur & Small ears help it keep warm

Ex: Rose

Mimicry:

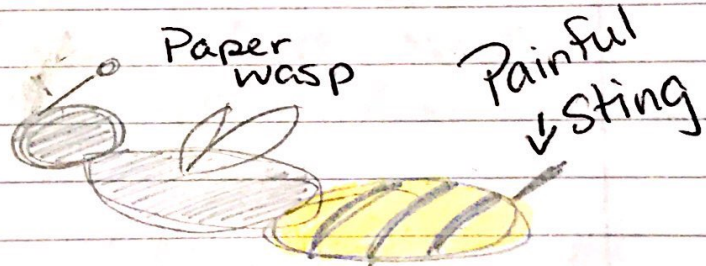
- when a harmless animal looks like a harmful one to keep predators away

Ex: Paper Wasp  
Hover Fly

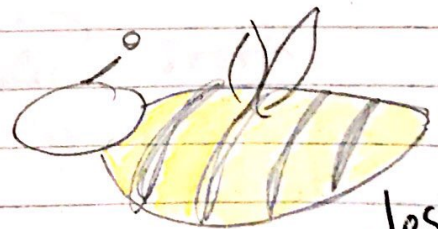


Red petals  
Attract pollinators to reproduce

thorns Keep plant eating animals away



Hover fly



harmless

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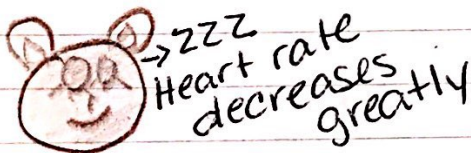
## Behavioral Adaptations: the way living things ACT

Instinct: Behaviors animals know without being taught

- Baby Crying
- Spiders spinning web
- Octopus spray ink
- Laughing

### Hibernation:

- Body processes slow down and stays inactive for months



### Social Behavior

- Instinct
- the way animals act towards each other

Ex: honey bee

"Waggle" dance to communicate



Learned: Behaviors learned by watching older animals

- lions learn to hunt
- Flying
- raccoons washing food
- Cooking / walking / grooming

### Migration

- animals move to different locations at certain times of year to find: food, reproduce, or escape the cold



Birds



Butterflies

Bats

### Nocturnal

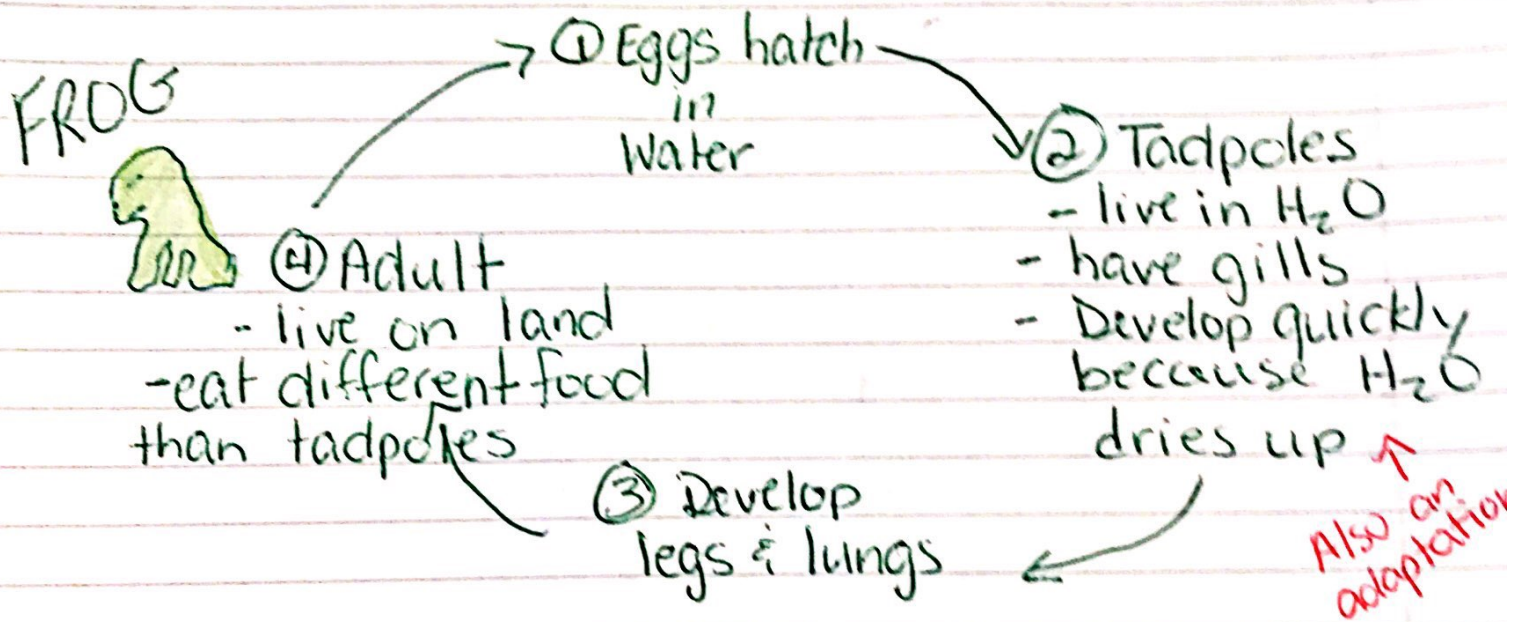
- Instinct
- Animals that are active at night and sleep during the day



## Unit 11 lesson 1

Life Cycle Adaptations: stages of growth & development of a living thing

\* Life cycle is related to habitat → it's an adaptation



\* Adaptation: \*

- Because they live in different places & eat different foods →

\* They Do NOT compete

\* helps more frogs survive