

# CHARACTERISTICS OF ANIMALS

| <i>Mammals</i>  | <i>Birds</i>  | <i>Reptiles</i>  | <i>Amphibians</i>  | <i>Fish</i>   |
|---|---|--|--|---|
| Backbone<br>Warm blooded<br>Live Young<br>Hair or fur<br>Breathe Air with Lungs<br>Feed their young with milk<br>Live on Land | Backbone<br>Warm blooded<br>Lay Eggs<br>Feathers<br>Beaks<br>2 legs, 2 wings<br>Hollow bones<br>Breathe air with lungs.<br>Live on land | Backbone<br>Cold blooded<br>Lay Eggs on Land<br>Scales<br>Breathe Air with Lungs<br>Live on Land | Backbone<br>Cold blooded<br>Lay Eggs in Water<br>Young breathe with gills and live in water;<br>Adults breathe through their skin (they have lungs, but they are small and are not used much).<br>Skin must be kept moist.<br>Adults live on land. | Backbone<br>Cold blooded<br>Breathe with gills<br>Scales<br>Have fins |

## ANIMALS

Match the Animal Group with **Any** Characteristic that applies:

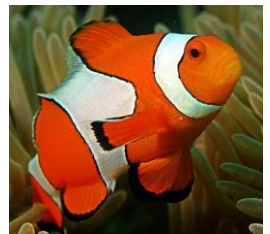
Backbone



Cold Blooded

2 Scaly legs; 2  
Wings

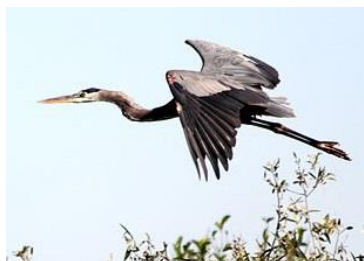
Fur or Hair



Adults have Gills



Skin must stay wet;  
Breathes through skin



# ANIMAL CHARACTERISTICS

Match the Animal Group with **Any** Characteristic that applies:



Warm Blooded

Babies drink  
milk from its  
mother



Young live in  
the water

Breathes Air  
only with  
Lungs

Fins

Beaks

Ability to live on land  
and water

Lays Eggs



Feathers

Scales



## CHARACTERISTICS OF ANIMALS

| Mammals   | Birds   | Reptiles   | Amphibians   | Fish  |
|---|---|--|--|---|
| Backbone<br>Warm blooded<br>Live Young<br>Hair or fur<br>Breathe Air With Lungs<br>Feed their young with milk<br>Live on Land | Backbone<br>Warm blooded<br>Lay Eggs<br>Feathers<br>Beaks<br>2 legs, 2 wings<br>Hollow bones<br>Breathe air with lungs.<br>Live on land | Backbone<br>Cold blooded<br>Lay Eggs on Land<br>Scales<br>Breathe Air With Lungs<br>Live on Land | Backbone<br>Cold blooded<br>Lay Eggs in Water<br>Young breathe with gills and live in water;<br>Adults breathe through their skin (they have lungs, but they are small and are not used much).<br>Skin must be kept moist.<br>Adults live on land. | Backbone<br>Cold blooded<br>Breathe with gills<br>Scales<br>Have fins |

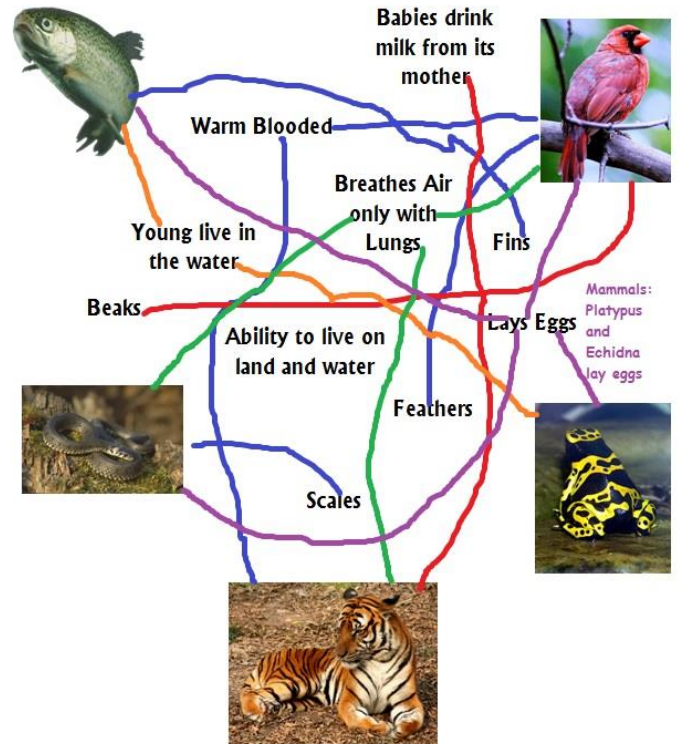
## ANIMALS

Match the Animal Group with Any Characteristic that applies:



## ANIMAL CHARACTERISTICS

Match the Animal Group with Any Characteristic that applies:





# Animal Unit 50+ pages

When ED (my youngest) was about this same age, she wanted to study all things about animals! I made an entire packet (50+ pages) about animals, body coverings (feathers, fur, scales or skin activities), animal characteristics, insects vs. spiders, wild vs. domestic animals, animal tracks, nocturnal vs. diurnal and more. Here's one quick screen-shot of that unit. You can find out more here: [Animal Unit on vertebrates and invertebrates](#).



# Animal Unit (cont.)

## Animal Body Coverings

Feathers, Fur, Scales or Skin?

Part of the 50+ page Animal Packet

Feathers Fur Scales Skin

Animals come in many colors and patterns. Their covering can help animals blend into their environment. This is called camouflage. Camouflage ability to hide or disguise oneself.

Where to stay away!

## Animal Body Coverings

Mammals have fur or hair.

Birds have feathers.

Reptiles have dry scales.

Amphibians have moist, smooth skin.

Fish have wet scales.

## Types of Animals

Backbone: Warm blooded, Live Young, Hair or fur, Breathe Air With Lungs, Feed their young with milk, Live on Land, Have four limbs.

Backbone: Cold blooded, Lay Eggs, Feathers, Beak or bill, 2 legs, 2 wings, Hollow bones, Breathe air with lungs, Live on land.

Backbone: Cold blooded, Lay Eggs on Land, Scales, Breathe Air With Lungs, Live on Land.

Backbone: Cold blooded, Lay Eggs in Water, Young breathe with gills and live in water, Adults breathe through their skin (they look large, but they are small and are not used much), Skin must be kept moist, Adults live on land.

Backbone: Cold blooded, Breathe with gills, Scales, Have fins.

## Types of Animals

Place an X in the box for ALL of the animal types that have these characteristics:

|   | Mammal | Bird | Reptile | Amphibian | Fish |
|---|--------|------|---------|-----------|------|
| Have backbones  |        |      |         |           |      |
| Warm blooded  |        |      |         |           |      |
| Lay Eggs in Water   |        |      |         |           |      |
| Breathe with lungs  |        |      |         |           |      |
| Have 2 legs, 2 wings  |        |      |         |           |      |
| Have hollow bones   |        |      |         |           |      |
| Have hair or fur  |        |      |         |           |      |
| Have feathers   |        |      |         |           |      |
| Have scales   |        |      |         |           |      |
| Breathe through their skin (they are small and are not used much) |        |      |         |           |      |
| Live in water   |        |      |         |           |      |
| Have gills  |        |      |         |           |      |
| Have fins   |        |      |         |           |      |
| Are cold blooded  |        |      |         |           |      |
| Are warm blooded  |        |      |         |           |      |
| Are cold water  |        |      |         |           |      |
| Are warm water  |        |      |         |           |      |
| Are salt water  |        |      |         |           |      |
| Are fresh water   |        |      |         |           |      |
| Are on land   |        |      |         |           |      |
| Are in water  |        |      |         |           |      |
| Are in air  |        |      |         |           |      |
| Are in space  |        |      |         |           |      |
| Are on the moon   |        |      |         |           |      |
| Are on Mars   |        |      |         |           |      |
| Are on Venus  |        |      |         |           |      |
| Are on Jupiter  |        |      |         |           |      |
| Are on Saturn   |        |      |         |           |      |
| Are on Uranus   |        |      |         |           |      |
| Are on Neptune  |        |      |         |           |      |
| Are on Pluto  |        |      |         |           |      |
| Are on Eris   |        |      |         |           |      |
| Are on Haumea   |        |      |         |           |      |
| Are on Makemake   |        |      |         |           |      |
| Are on Ceres  |        |      |         |           |      |
| Are on Vesta  |        |      |         |           |      |
| Are on Pallas   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |
| Are on Rhea   |        |      |         |           |      |
| Are on Juno   |        |      |         |           |      |
| Are on Minerva  |        |      |         |           |      |
| Are on Cybele   |        |      |         |           |      |



# Animal Unit (cont.)

This unit goes into both vertebrates and invertebrates. We went into more depth about the characteristics of the 5 animal groups (plus covered the classification of invertebrates, animal tracks, domesticated vs. wild animals and other things).

We talked about the types of animals and their characteristics. We had some amazing discussions about this because of all the exceptions (the sheet on the right):

### Types of Animals

Place an X in the box for ALL of the animal types that have these characteristics:

|   | Mammal | Bird | Reptile | Amphibian | Fish |
|---|--------|------|---------|-----------|------|
| Have feathers   |        |      |         |           |      |
| Warm blooded  |        |      |         |           |      |
| Lay Eggs in Water   |        |      |         |           |      |
| Breathe with lungs  |        |      |         |           |      |
| Have 2 legs, 2 wings  |        |      |         |           |      |
| Backbone  |        |      |         |           |      |
| Have hollow bones   |        |      |         |           |      |
| Have fins   |        |      |         |           |      |
| Adults breathe through their skin (they have lungs, but they are small and are not used much) |        |      |         |           |      |
| Cold blooded  |        |      |         |           |      |
| Have beaks or bills   |        |      |         |           |      |
| Have four limbs   |        |      |         |           |      |
| Lay eggs  |        |      |         |           |      |
| Have scales   |        |      |         |           |      |
| Have live young   |        |      |         |           |      |
| Live on land  |        |      |         |           |      |
| Breathe with gills  |        |      |         |           |      |
| Have hair or fur  |        |      |         |           |      |

Identify the type of animal below. How do you know?

### Types of Animals: Exceptions!

The information we went over on the previous page are generalizations. But there are many animals that do not fit these rules. Here are a few examples:

Do you know what mammal has a bill?

Do you know any mammals that lay eggs? Mammals that lay eggs are called monotremes.

Some snakes give birth to live young. Examples of these include:

Some fish also give birth to live young. These livebearers contain the eggs inside the body and give birth to free-swimming young.

and pipefishs are livebearers, but the male incubates the eggs rather than the female.

Some reptiles have no limbs such as the:

Most lizards have eyelids and external ears. Snakes neither have eyelids nor external ears, and therefore lack these traits.

### Types of Animals: Answers

Place an X in all boxes that meet. Place an N if it does not meet, and place an S if it does.

|   | Mammal | Bird | Reptile | Amphibian | Fish |
|---|--------|------|---------|-----------|------|
| Have feathers   |        | X    |         |           |      |
| Warm blooded  | X      | X    |         |           |      |
| Lay Eggs in Water   |        |      |         |           | X    |
| Breathe with lungs  | X      | X    | X       | X         |      |
| Have 2 legs, 2 wings  |        | X    |         |           |      |
| Backbone  | X      | X    | X       | X         | X    |
| Have hollow bones   |        | X    |         |           |      |
| Have fins   |        |      |         |           | X    |
| Adults breathe through their skin (they have lungs, but they are small and are not used much) |        |      | X       | X         |      |
| Cold blooded  |        |      | X       | X         |      |
| Have beaks or bills   |        | X    |         |           |      |
| Have four limbs   | X      | X    | X       | X         |      |
| Lay eggs  |        |      | X       | X         | X    |
| Have scales   |        |      | X       | X         |      |
| Have live young   | X      | X    | X       | X         | X    |
| Live on land  | X      | X    | X       | X         |      |
| Breathe with gills  |        |      |         |           | X    |
| Have hair or fur  | X      |      |         |           |      |

Identify the type of animal below. How do you know?

homeschoolden.com

## What am I? - 5 Animal Group Worksheets

### 5 Animal Groups

### What am I? Worksheets

Name: \_\_\_\_\_

What am I?

| Mammal                                       | Bird   | Reptile   | Amphibian   | Fish   |
|--|--|---|---|--|
| I have feathers and a beak. I am a _____     | I lay my eggs in water, but I can live on land. I am a _____           | When I was a baby, I drank milk from my mom. I am a _____                   | I have hollow bones and I can fly. I am a _____                   | I lay eggs on land and I like to lay in the sun to warm up. I am a _____       |
| I have fur to keep myself warm. I am a _____ | I have four legs and I like to lay in the sun to warm up. I am a _____ | I lived in the water when I was young, now I can live on land. I am a _____ | I breathe through gills and will never live on land. I am a _____ | I live in the water when I was young, but now I can live on land. I am a _____ |

Name: \_\_\_\_\_

What am I?

| Mammal   | Bird  | Reptile   | Amphibian   | Fish  |
|--|---|---|---|---|
| I have feathers and a beak. I am a <u>bird</u> | When I was a baby, I drank milk from my mom. I am a <u>mammal</u> | I have hollow bones and I can fly. I am a <u>bird</u> | I lay eggs on land and I like to lay in the sun to warm up. I am a <u>reptile</u> | I live in the water when I was young, but now I can live on land. I am a <u>amphibian</u> |

Name: \_\_\_\_\_

What am I?

| Mammal   | Bird  | Reptile   | Amphibian   | Fish  |
|--|---|---|---|---|
| I have feathers and a beak. I am a <u>bird</u> | When I was a baby, I drank milk from my mom. I am a <u>mammal</u> | I have hollow bones and I can fly. I am a <u>bird</u> | I lay eggs on land and I like to lay in the sun to warm up. I am a <u>reptile</u> | I live in the water when I was young, but now I can live on land. I am a <u>amphibian</u> |

homeschoolden.com

# Animal Unit (cont.)

There is a cut-and-paste activity about the 5 animal groups (mammals, birds, reptiles, amphibians and fish):



**Study of Invertebrates:** We also spent time in this unit on invertebrates and invertebrate classification. As you can see we talked about some of the different invertebrate groups (insects, crustaceans, centipedes, arachnids, mollusks, etc.) There's a invertebrate classification chart, a cut-and-paste-activity, and activities about spiders vs. insects.



# Animal Unit (cont.)

## Animal Track Activities:



I added in some fun pages about... yes, animal tongues!! These pages talk about why tongues are important (what their function is) and has "Whose tongues are these?" page where kids have to identify the tongues they see in the picture provided. For younger kids, there are tracing pages about the function of tongues. :)





After the Animal Unit, we went on to study biomes & habitats, feedings relationships and more.





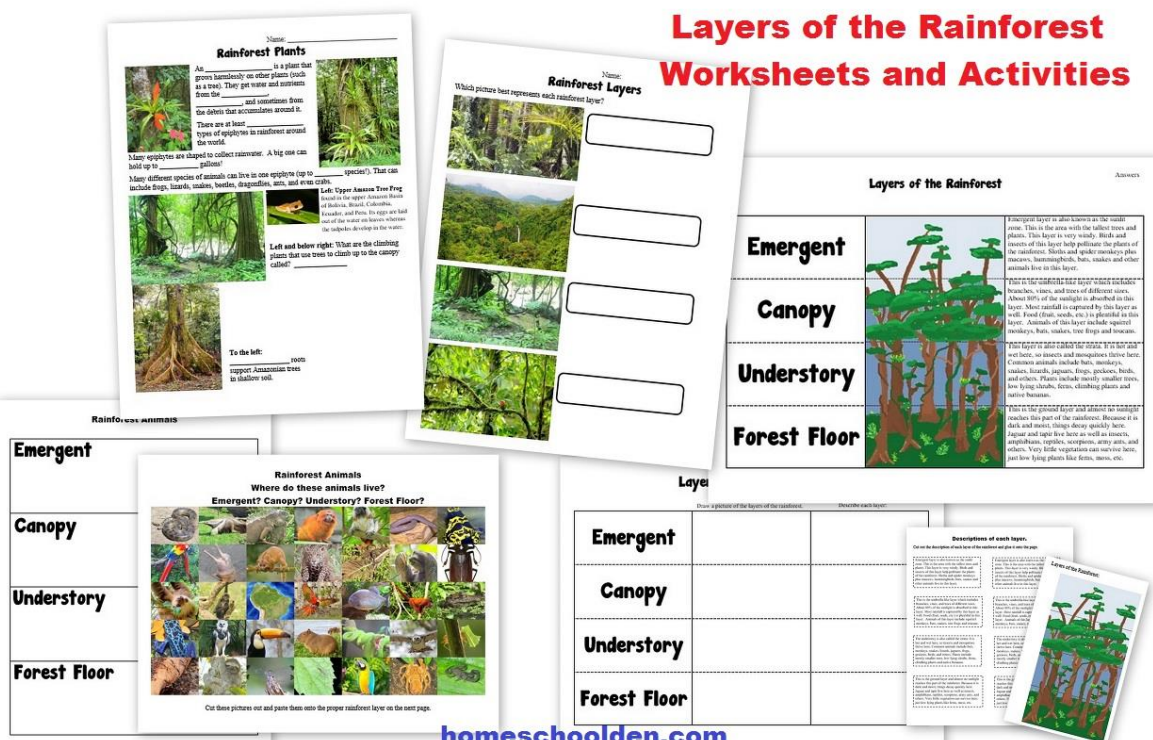
# Rainforest Unit 50+ pages

Our 50+ page **Amazon Rainforest Packet** includes notebook pages, animal and insect identification pages, animal and insect Montessori 3-part cards, layers of the rainforest worksheets and other activities.



homeschoolden.com

## Layers of the Rainforest Worksheets and Activities



homeschoolden.com



# Rainforest Unit (cont.)

## Animals of the Amazon

homeschoolden.com

Animals of the Amazon

Howler Monkey, Caiman, Caecilian, Toucan, Emerald Tree Boa, Harpy Eagle

Yellow-Banded Poison Dart Frog, Kinkajou, Jaguar

Animals of the Rainforest

1. Giant Anteater
2. Kinkajou
3. Caecilian
4. Capybara
5. Jaguar
6. Cotton-top tamarin
7. Anaconda
8. Red-bellied Piranha
9. Howler Monkey
10. Yellow-banded poison dart frog
11. Macaw
12. Sloth
13. Iguana
14. Brown basilisk (Jesus Lizard)
15. Golden lion tamarin
16. Spider monkey
17. Toucan
18. Amazon River Dolphin
19. Caiman

Rainforest Animal Blank Research Cards

homeschoolden.com



# Rainforest Unit (cont.)

## Rainforest Insects

**Rainforest Insects**

Name: \_\_\_\_\_

The rainforest is where the greatest abundance of species of insects can be found. Insects are almost inseparable from \_\_\_\_\_ because they require each other to survive. In the Amazon, most species of plants have only one species of moth or beetle to pollinate them successfully. Many insect species only live on a few acres range which makes them vulnerable to \_\_\_\_\_ with \_\_\_\_\_.

The Amazon rainforest may house as many as \_\_\_\_\_ species of insects, although only a tiny fraction of this number has been described by scientists. Some scientists estimate that \_\_\_\_\_ % of the animal biomass of the Amazon Basin is made up of \_\_\_\_\_.

One tree was home to more than \_\_\_\_\_ different species of beetle!

There are \_\_\_\_\_ species of butterfly in the rainforest compared to 20,000 worldwide.

**Titan Beetle** (pictured right) is the largest of all beetles. It can grow to be more than \_\_\_\_\_ inches. It can fly, but it can't get into the air from the ground. It has to climb trees and launch itself into the air.

**Goliath Bird-Eating Spider**: Goliath Bird-Eating Spider is the largest spider in the world. It is one of the \_\_\_\_\_ and the world. They are both small.

**Insects of the Rainforest**

- ☐ Goliath Bird-Eating Spider
- ☐ Tropical Skimmer Dragonfly
- ☐ Jewel Beetle
- ☐ Army ants
- ☐ Titan Beetle
- ☐ Scorpion
- ☐ Archaeoprepes meander butterfly
- ☐ Mosquitoes
- ☐ Leaf Cutter ants

**Scorpion**

**Goliath Bird-Eating Spider**

**Archaeoprepes meander butterfly**

**Leaf Cutter Ant**

**Army Ants**

**Titan beetle**  
This can grow to be more than 6 inches!

**Tropical Skimmer Dragonfly**

**Bugs and Insects**  
*Macramyx suturalis*

**Mosquitoes**

homeschoolden.com

**Amazon Rainforest**

Name: \_\_\_\_\_

The Amazon Rainforest is the largest rainforest on earth. It represents over \_\_\_\_\_ of the planet's remaining rainforests. It covers approximately \_\_\_\_\_ million square miles. The Amazon spreads out over \_\_\_\_\_ countries. About 60% of the Amazon rainforest is in \_\_\_\_\_ It also includes territory in \_\_\_\_\_, Colombia, Ecuador, Venezuela, Guyana, Suriname and French Guiana.

Generally, it's weather is \_\_\_\_\_ and \_\_\_\_\_ with the average temperature around \_\_\_\_\_ °F (27.3° C).

This region has the largest collection of plants and animals in the world. There are approximately \_\_\_\_\_ million different species of plants, animals and insects living in the Amazon. Most of them have not been described. Animal and plant species that are found here are often not found anywhere else.

There are at least \_\_\_\_\_ plant species. Each receives \_\_\_\_\_ % of its oxygen from the Amazon. There are \_\_\_\_\_ fruits that are native to the Amazon.

The Amazon is home to \_\_\_\_\_ different types of mammals.

\_\_\_\_\_ of all birds species live in the Amazon. There are approximately 1,300 types of birds.

There are \_\_\_\_\_ types of amphibians and more than \_\_\_\_\_ types of reptiles.

There are \_\_\_\_\_ freshwater fish species.

**Amazon Rainforest**

Name: \_\_\_\_\_

The Amazon Rainforest is the largest rainforest on earth. It represents over half of the planet's remaining rainforests. It covers approximately 2.5 million square miles. The Amazon spreads out over nine countries. The Amazon rainforest is in Brazil. It also includes territory in \_\_\_\_\_, Colombia, Ecuador, Venezuela, French Guiana.

weather is hot and humid with the average temperature around \_\_\_\_\_ °F (27.3° C).

**Amazon Rainforest Biodiversity • Deforestation**

What is biodiversity?

What is deforestation?

\_\_\_\_\_ million acres of the rainforest are burned each year which amounts to \_\_\_\_\_ per second.

\_\_\_\_\_ % of land deforested in the Amazon since 1970, is used for livestock pasture and \_\_\_\_\_.

From 2002 to 2006, the converted land in the Amazon rainforest has almost tripled and deforestation rates have dropped up to 60%.

What are some of the effects of deforestation?

\_\_\_\_\_ species of rainforest plants, animals and insects become extinct every day.

\_\_\_\_\_ of the planet known to have anti-cancer properties are found in the Amazon. Modern science has not even yet studied \_\_\_\_\_ % of the plants used for tea purpose by the Amazon's native tribes.

The continual burning of the rainforest produces about \_\_\_\_\_ % of the earth's carbon emissions.

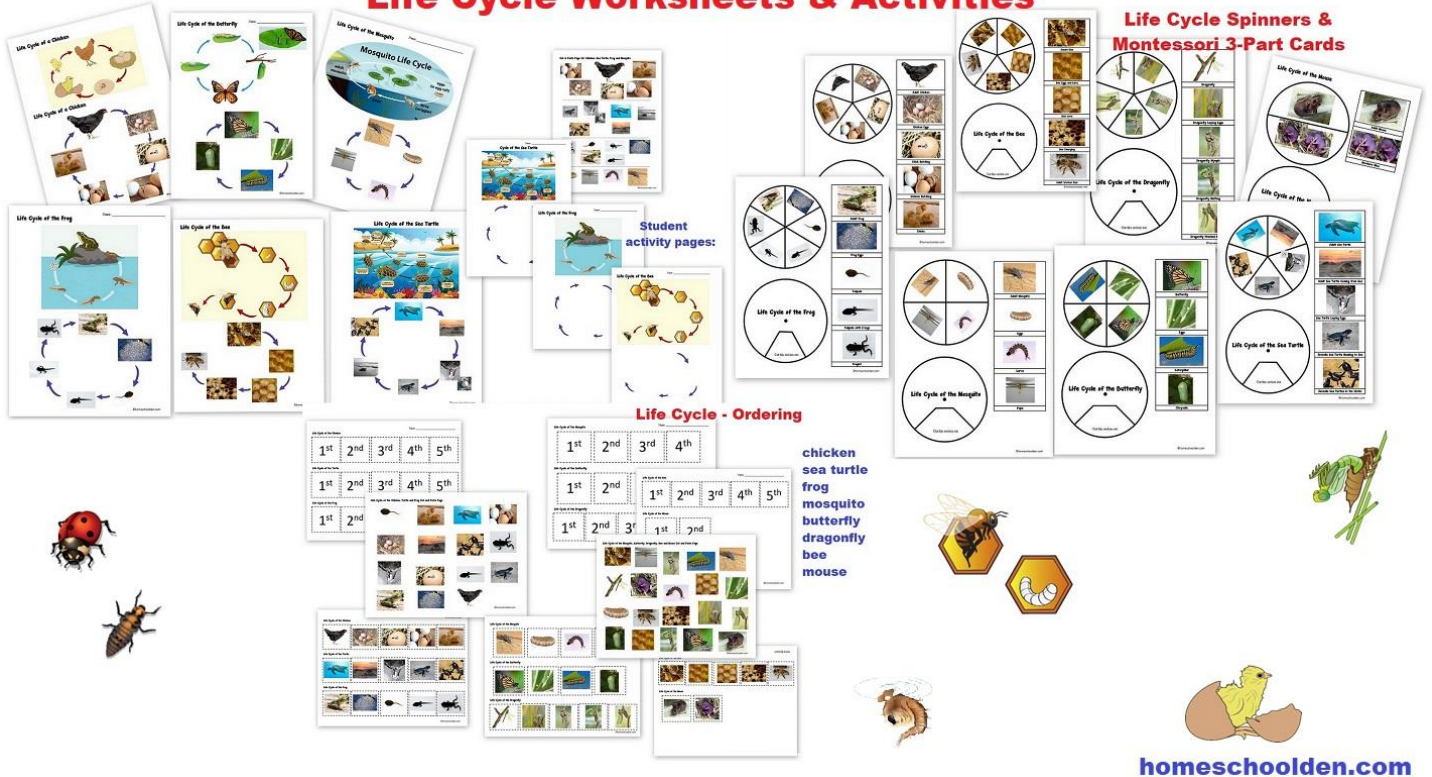
Biodiversity is rare over food than other forests because they support so many vines and plants. The layer of leaf litter is only a few inches deep. This makes for poor farming when the rainforests are cut down. Furthermore, without the trees, plants and root systems the thin layer of good soil quickly washes away.

1992 2006

homeschoolden.com

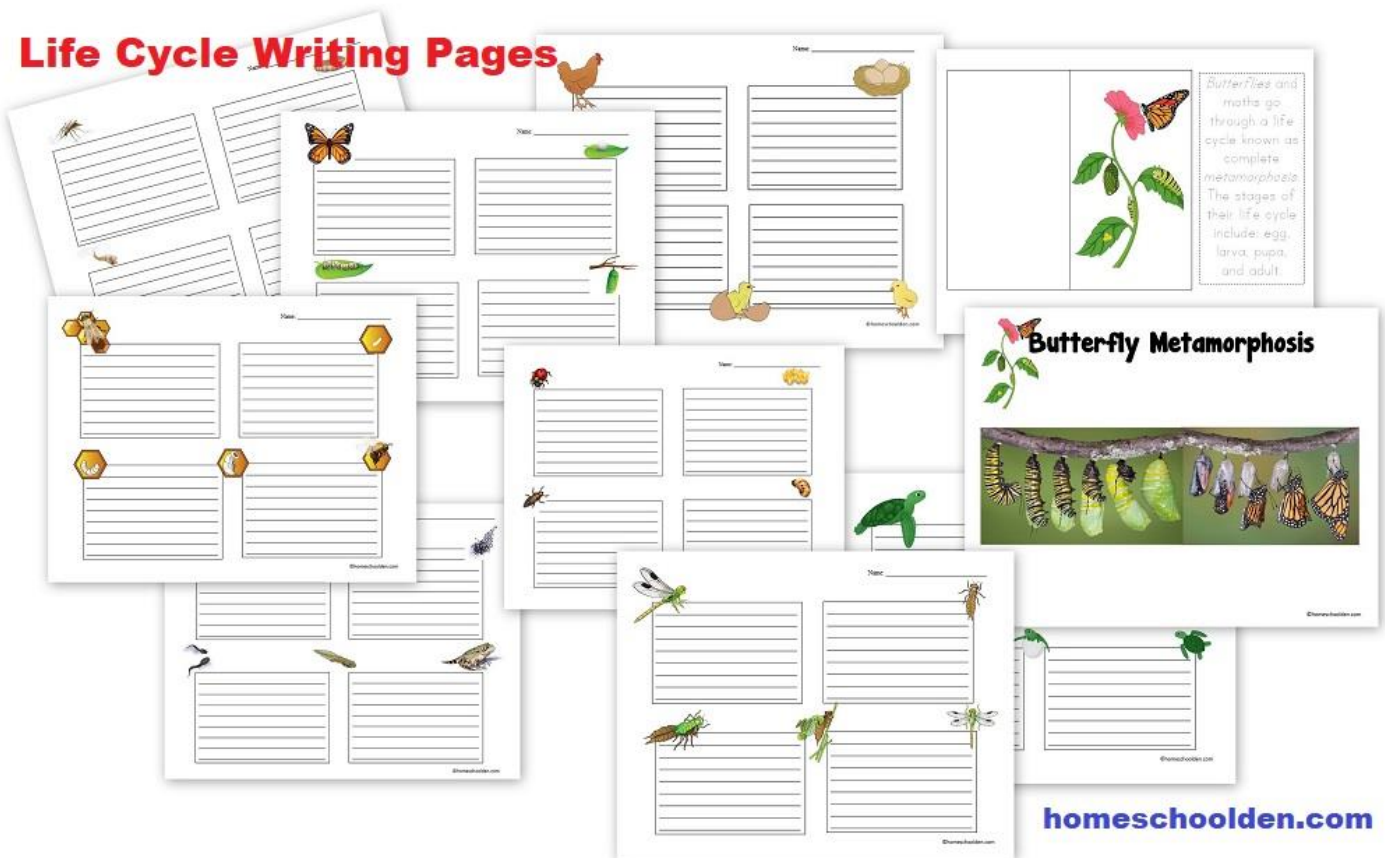
## **Life Cycles Packet** (50+ pages)

## Life Cycle Worksheets & Activities



**homeschoolden.com**

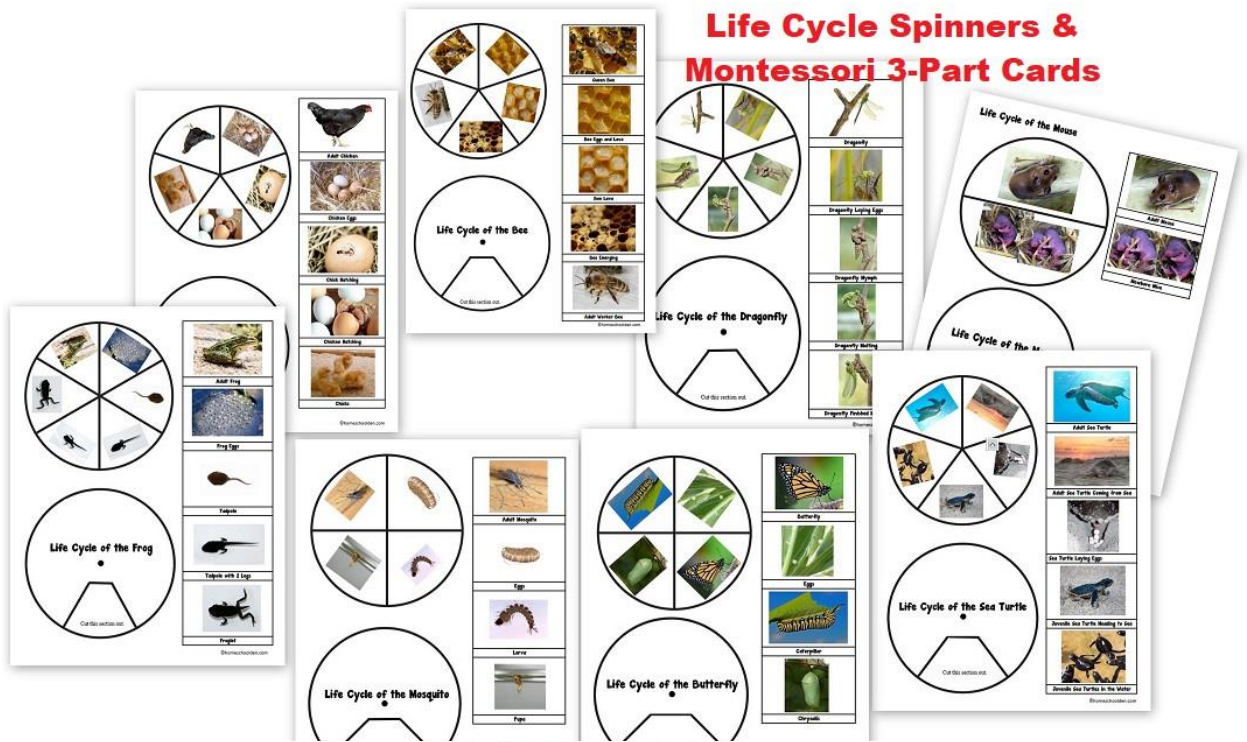
## Life Cycle Writing Pages



**homeschoolden.com**



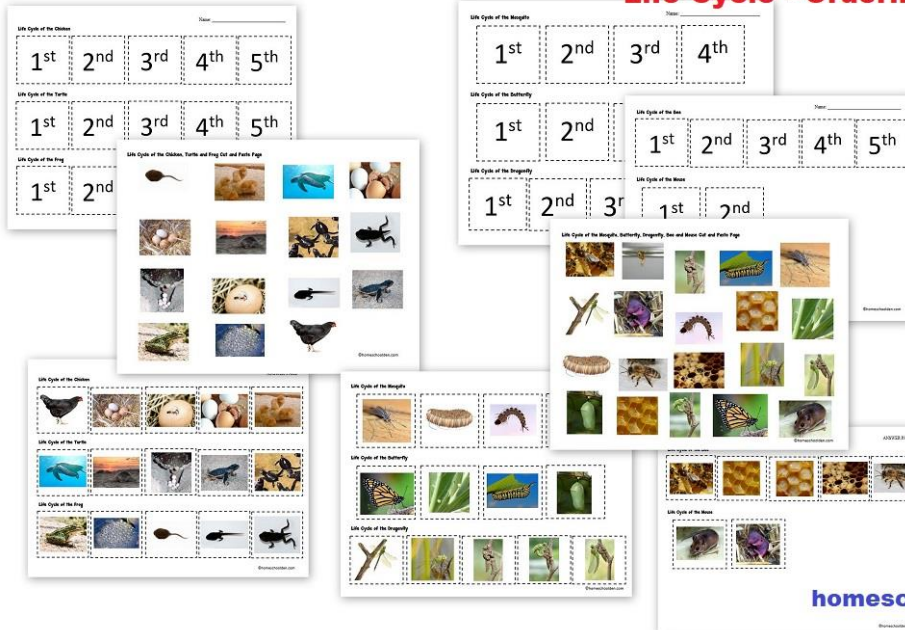
## Life Cycle Spinners & Montessori 3-Part Cards



## Life Cycle - Ordering

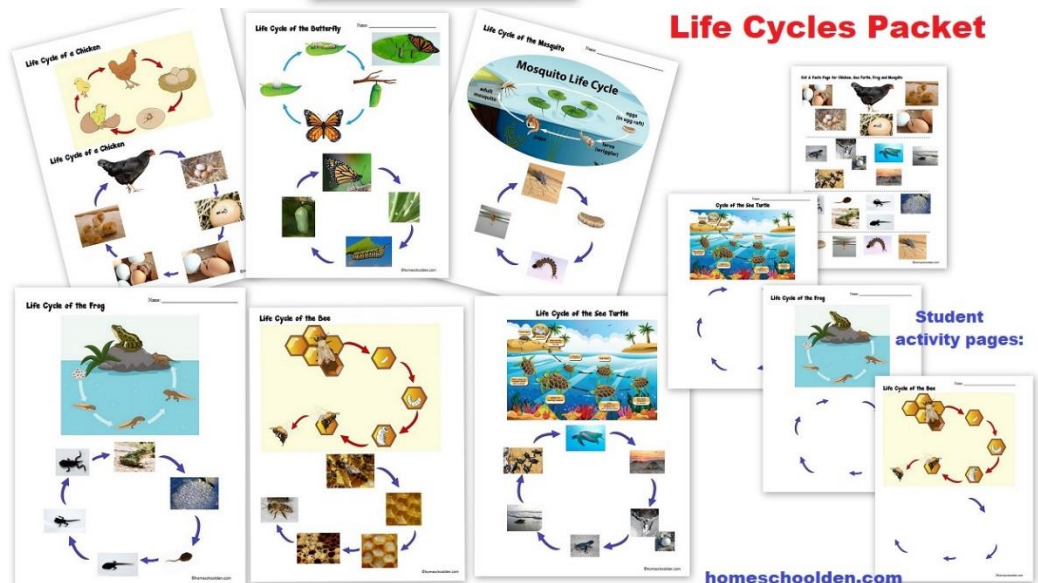
[homeschoolden.com](http://homeschoolden.com)

chicken  
sea turtle  
frog  
mosquito  
butterfly  
dragonfly  
bee  
mouse



[homeschoolden.com](http://homeschoolden.com)

## Life Cycles Packet



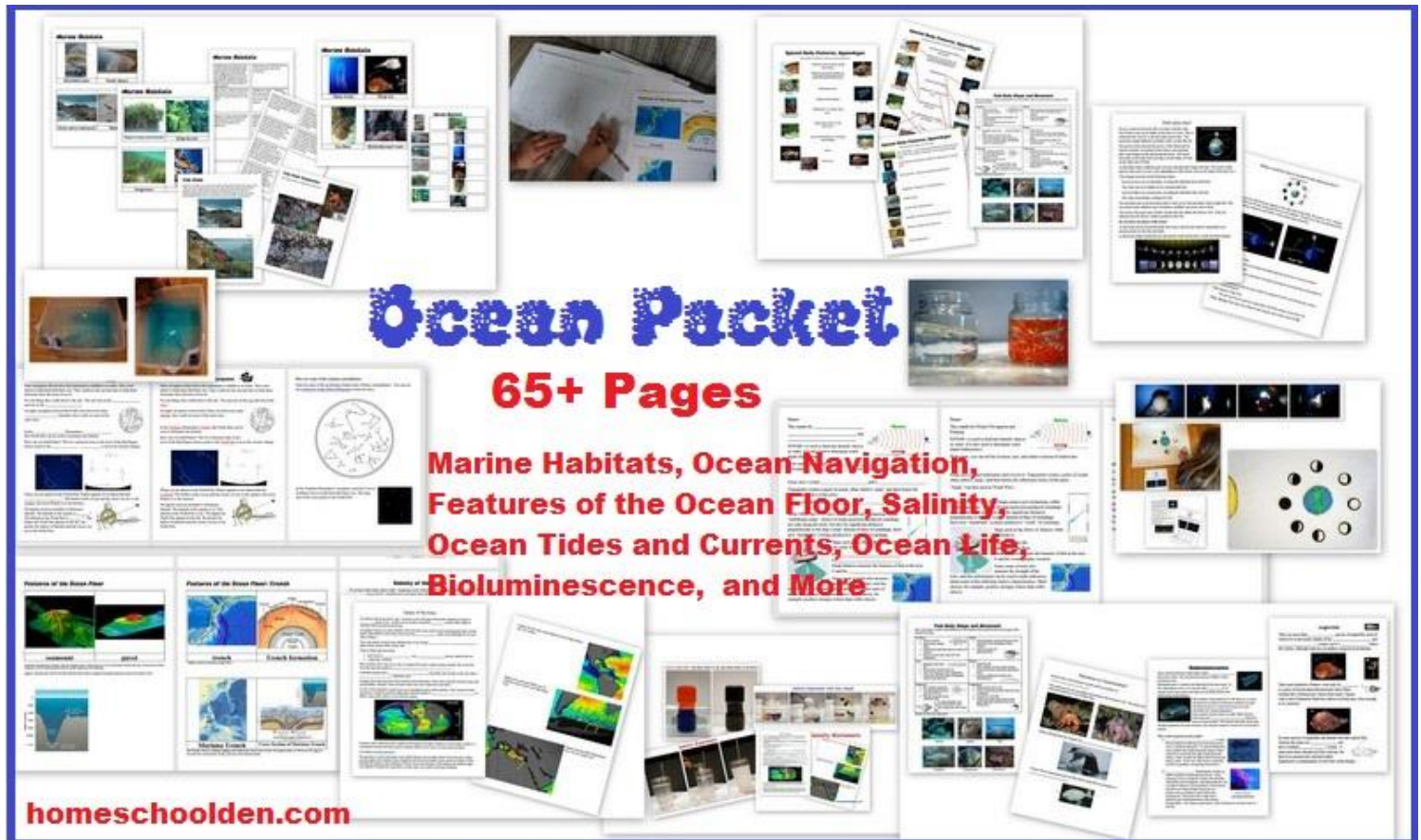
[homeschoolden.com](http://homeschoolden.com)



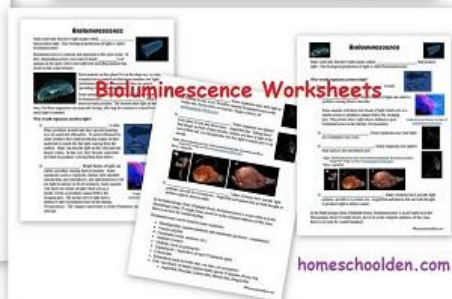
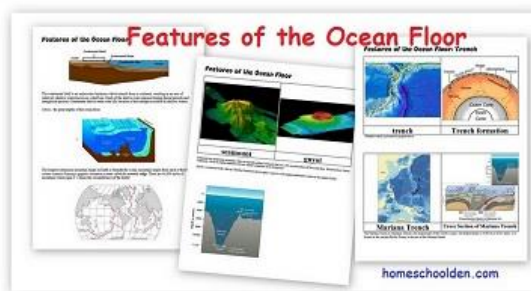
# **Ocean Unit** **65+ pages**

In our ocean studies we explored

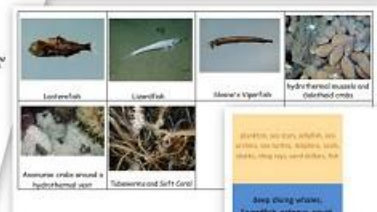
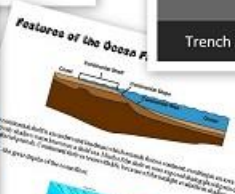
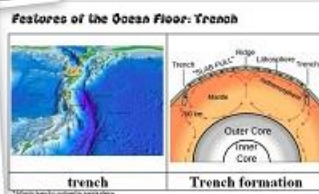
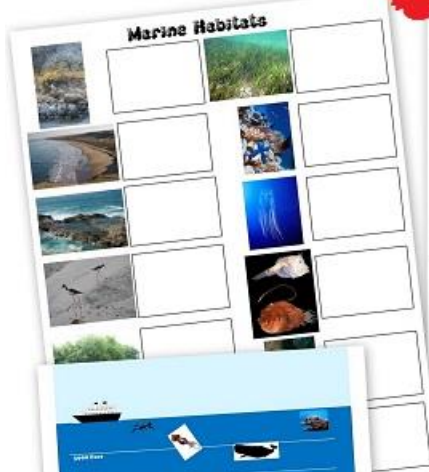
- Marine Habitats
- Water Form Words (bay, estuary, lagoon, fjord, etc.)
- Features of the Ocean Floor (trench, seamount, guyot, etc.)
- Ocean Navigation (early navigation with astrolabes & the constellations, modern SONAR)
- Salinity
- Ocean Currents (Surface & Deep Sea Currents)
- Ocean Life:
  - Special Body Features
  - Fish Body Shape and Movement
  - Biological Interactions: Mutualism and Commensalism in the Ocean
  - Deep Sea Life – Bioluminescence, Anglerfish
- ocean zones and different layers of the ocean



# Ocean Unit (cont.)



## Ocean Packet





**You might be interested in some of our other packets:**

**World Animals Packet:** When the kids were younger we talked about the 7 continents. That included a study of the World Animals. You might want to check out our Montessori World Animal 3-Part cards and the 60+ pages of activities in this packet:



The World Animal packet includes 1) matching & tracing pages, 2) fun-fact tracing pages, 3) do-a-dot pages, and 4) outline maps for each continent and a cut-and-paste activity. It also includes satellite images of the 7 continents.



You can check out some of our other Science Packets as well, such as our popular [Digestive System Unit](#)!



## [States of Matter, Changing States of Matter Unit](#)



## [Simple Machines Unit](#)

