

Learning Target: I can describe and explain how vertebrates are sorted into groups.



Grouping the 5 Types of Vertebrates Video Notes

1. What does "Dear King Philip Came Over For Good Spaghetti" mean?

- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____

2. This is known as a _____ system designed to use observations and _____ to place _____ organisms into one group.

3. What are the two main types of animals in the animal kingdom? _____

4. The five major classifications of vertebrates are _____

Mammals

5. Give 3 examples of mammals. _____

Mammal Characteristics: have _____, breathe with their _____, young grow _____ are _____-blooded (internal body temperature _____), have _____ births, feed their young _____

Created By: Chivas & Jordan Spivey

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Reptiles

6. Give 3 examples of reptiles. _____

Reptile Characteristics: have _____ skin, live in hot, dry _____, warm and _____ tropical rain forests, _____, marshes, estuaries, places that are usually _____ lay their eggs on _____, breathe with their _____, _____ - blooded (their body temperature _____ with the environment)

Quick Checks for Understanding! Pause the video and take three minutes to answer. You got this!

1. What are three differences between mammals and reptiles? _____

2. What are two things mammals and reptiles have in common? _____

Birds

7. Give 3 examples of birds. _____

Birds Characteristics: covered with _____, breathe with their _____, lay _____ on land, have _____, _____ - blooded (their body temperature does _____ unlike _____)

Fish

8. Give 3 examples of fish. _____

Fish Characteristics: have _____, most fish are covered in _____, breathe through their _____ - blooded (body temperature _____ with the temperature of the water)

Quick Checks for Understanding! Pause the video and take three minutes to write your responses.

1. What do fish have in common with reptiles? _____

2. What is the difference between how fish breathe and how mammals breathe? _____

Why does this happen? _____

Amphibians

9. Give 3 examples of amphibians. _____

Amphibians Characteristics: lay _____ eggs in water, _____ from eggs, live on _____ as an adult, some have thin smooth _____, have _____, _____ - blooded, young amphibians breathe through _____ like fish, adult amphibians breathe air through their _____

Quick Check for Understanding! Read the following description and determine which group of vertebrates these organisms belong to.

'Air-breathing, cold-blooded vertebrates that have scaly bodies rather than hair or feathers'. What type of animal is this? _____