

Nearpod Activity-Animal Structures: Movement, Defense & Obtaining Resources

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Animals have special structures that enable them to survive in their environment. These structures allow them to **defend themselves**, to **move**, and to **obtain resources (get food/water)**.

Structures for defense allow an animal to hide from a predator or warn a predator (for example skin color (**camouflage**) or patterns (**mimicry**))

1. Describe an animal that uses camouflage to hide from a predator. _____

2. Identify an animal that uses mimicry. _____

3. What is mimicry? Think about why the animal you identified would copy another animal.

Structures for defense allow an animal to make a direct **attack** painful (for example horns, claws, quills, stingers, or venom)

4. List two examples of what animals use/do that can inflict a painful attack.

1.

2.

Structures for defense allow an animal to change its size prevent a direct attack (for example shells, emitting smells or body fluids (ink), or mechanisms)

5. Identify a mollusk that uses body fluids (ink) to prevent an attack. _____

Structures for defense allow an animal to flee or hide from predators (for example body design), sensory organs, legs (for example for speed or for jumping), wings, or light-weight skeletons (for example flight)

6. Identify a mammal that uses legs for speed to flee or hide from predators. _____

Structures for defense allow an animal to construct holes or tunnels to run into and hide or to climb (for example paws or toenails)

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7. Identify one animal that uses toenails to construct a tunnel. _____

Structures for movement allow animals to move to fulfill their needs such as finding food and escaping predators (for example legs, feet and arms, tails, fins, wings, body design, skeleton)

8. What structures do birds have that allow them to move?

_____ and _____

Structures to obtain resources allow an animal to chew, tear, and eat its food or drink (for example mouth parts including beaks, teeth, flexible jaws, tongues, tube-shaped)

9. List an interesting fact you've learned about structures that allow an animal to chew tear and eat its food or drink.

Structures to obtain resources allow an animal to grab and hold its food (for example tentacles, pincers, claws, fangs)

10. Describe an invertebrate that has one of these structures to grab and hold its food.

Structures to obtain resources allow an animal to consume food found in the water (for example filtering structures for filter feeders in sponges or clams)

11. What class of animals are all filter feeders, and is often mistaken for plants? _____