Now You See It (NYSI) Vocabulary and Concepts

Students will focus on **predator/prey** relationships, **food chains**, **adaptations**, and characteristics animals use to survive in their **habitat**.

Predators are animals that hunt and eat other animals.
Prey are animals that are eaten by other animals.
Some animals are both predator and prey.

Food chain is the relationship of plants and animals that follows one path. For example, a hawk eats a snake, which has eaten a frog, which has eaten a grasshopper, which has eaten grass. If one link of the food chain disappears, nature suffers.

Differences between **Carnivore**, **Herbivore**, and **Omnivore** will be compared.

- **Carnivores** eat meat.
- **Herbivores** eat plants.
- **Omnivores** eat both plants and meat.

The characteristics animals use to survive in their **habitat** will be investigated.
Habitat is where an animal or plant lives.
Camouflage: Animals blend in by using colors, shape, or patterns to enable them to be a successful predator or prey.

Survival Strategies

- **Standing-out Coloration**: This characteristic is opposite to blending in. Why do some animals use color to draw attention?
- **Warning Coloration**: Some animals want to be brightly colored for survival. Bright colors mean danger—stay away! I taste bad!
- **Mimicry**: This characteristic allows one animal to look like another animal or something else (maybe a plant).
- **Protective Stillness**: This behavior is an important part of blending in and being so still it can't be seen.

Adaptations that animals use to survive in their **habitat** will be identified.

- **Physical adaptations** are characteristics or qualities that help an animal or plant survive in its environment—e.g., webbed feet to help animals swim and wings to enable animals to fly.
- **Behavioral adaptations** are the methods animals use in response to something in their environment—e.g., move into the shade on a hot day.

Concepts learned in the Now You See It activity will be reinforced in a bingo game and a hide and hunt activity.