

## Objective

By the end of this lesson, you will have a better understanding of ecosystems and how different living organisms interact with each other and their environment.

## Materials and Prep

- Pen and paper for notes
- Access to a backyard or park
- Basic knowledge of food chains and habitats

## Activities

- **Nature Scavenger Hunt:** Explore your backyard or a nearby park to find different plants, animals, and insects. Take notes on what you observe and try to identify the roles they play in the ecosystem.
- **Build a Mini Ecosystem:** Create a small terrarium using a glass jar or container. Include soil, plants, and small insects to observe how they interact and depend on each other for survival.
- **Food Chain Game:** Create a food chain using pictures or drawings of different organisms. Arrange them in the correct order to show how energy flows through the ecosystem.

## Talking Points

- "An ecosystem is a community of living organisms interacting with each other and their physical environment."
- "Plants are producers in an ecosystem, as they can make their own food through photosynthesis."
- "Animals are consumers in an ecosystem, relying on other organisms for food and energy."
- "Predators help control the population of prey species, maintaining a balance in the ecosystem."
- "Human activities can have both positive and negative impacts on ecosystems, leading to changes in biodiversity and habitat destruction."