

## Teacher Lesson 2:

# Animals and Plants Need Food and Water

### Next Generation Science Standard

*Kindergarten: Interdependent Relationships in Ecosystems: Animals, Plants, and Their Environment: K-LS1-1*

Use observations to describe patterns of what plants and animals (including humans) need to survive. [Examples of patterns could include that animals need to take in food but plants do not; the different kinds of food needed by different types of animals; the requirement of plants to have light; and that all living things need water.]

This lesson helps Kindergartners—and others who have not yet been exposed to this information—understand that animals need food and water to survive.

### Teacher-Guided Classroom Activity:

Talk with the students about how different types of animals need different types of foods. Distribute the Student Activity 2 sheet, or project it and make it a classroom activity. Have students match the animals to the food they eat.

Some plants need a lot of water. Others do not need as much, such as plants in the desert. All plants need light to live.

### Flexi-Scope Activity:

Choose one or two objects in the matching game to take a closer look at. Find different types of grass and some leaves. Look at them with Flexi-Scope.

How are different grasses the same and how are they different? Look at their color, size, and patterns.

Ask students to explain what they are looking at and encourage them to draw pictures of the grass in their Flexi-Scope Journal, on the prior page.



Answers to the Matching Game for Student Activity 2:

**Ospreys** eat fish.

**Squirrels** eat acorns.

**Frogs** eat flies.

**Deer** eat grass.

**Hummingbirds** drink nectar from flowers; they prefer red or orange flowers.

Can your students think of other animals and what food they eat?

Some backyard birds eat sunflower seeds. Other birds eat insects. Roadrunners eat lizards!

You might think that rabbits eat carrots, but most do not. The carrots have too much sugar in them. They prefer to eat the leaves of carrots or clover.