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LESSON PLAN

ANIMALS NEED FOOD
GRADES K-2

SUMMARY

Students will match different animals to the foods that they eat. Duration: 30 minutes.

NEXT GENERATION SCIENCE STANDARDS CORRELATION

K-LS1-1. Use observations to describe patterns of what plants and animals (including humans) need to survive.

Science & Engineering Practices	Connections to Classroom Activity
Analyzing and Interpreting Data Analyzing data in K–2 builds on prior experiences and progresses to collecting, recording and sharing observations. Use observations (firsthand or from media) to describe patterns in the natural world in order to answer scientific questions. (K-LS1-1)	• Students work in groups to match pictures of animals with the type of food that they eat.

Disciplinary Core Ideas	Connections to Classroom Activity
LS1.C: Organization for Matter and Energy Flow in Organisms All animals need food in order to live and grow. They obtain their food from plants or from other animals. Plants need water and light to live and grow. (K-LS1-1)	• Students will discover that some animals eat plants and plant products, while others eat meat. Some animals eat both plants and meat.

Crosscutting Concepts	Connections to Classroom Activity
Patterns Patterns in the natural and human designed world can be observed and used as evidence. (K-LS1-1)	• Students will conclude that all living things need food in order to survive.

ENGAGE

Show students an image of your favorite food. Ask students if they have a favorite food and give students a chance to share. Segue to the lesson by telling students that today they will be looking at what kinds of food animals like to eat. Their task today is to work in groups to match animal pictures to the foods they eat.

MATERIALS

- Photos of animals and food (attached)
- Baggies for sorting
- Glue sticks
- Paper

DIY Activity

- Bag of bird seed
- Plastic spoon
- Bottle of honey
- Plastic container
- Toilet paper tube
- Pair of scissors
- Piece of string (2 ft)

EXPLORE

Have students get into groups of three or four. Give each group a baggie of photos and give them time to match them up and discuss. Remind students to listen to each other's ideas and that there are multiple ways to sort it correctly.

Most animals eat more than one type of food, so you should accept all reasonable answers. The bear eats blueberries, but also fish. The eagle eats the fish, but also occasionally a snake. See what the students come up with. The key point is for students to realize that all animals need food and that animals eat many different kinds of foods.

EXPLAIN

Once students have had a chance to sort their pictures, have different groups share how they matched the photos. Follow up with, "Why do you think that animal eats that?"

Discuss the different types of foods your students were working with; they should conclude that some of the food comes from plants, while others are meat coming from another animal. Some animals only eat plant sources while others only eat meat. Some animals eat both plants and meat. After the discussion, have students glue their matched pictures onto paper with the animal and its food next to each other.

ELABORATE

▶ WATCH THE GENERATION GENIUS ANIMALS NEED FOOD VIDEO AS A GROUP
Then facilitate using the Discussion Questions.

Ask students what would happen to the animals if they didn't get any food. Students should conclude that the animals could eventually die because all animals need food to survive. Follow up by asking, "Besides food, what else do animals need to survive?" They should come up with water and possibly shelter.

Compare the difference between the needs of animals and plants. Both plants and animals need water. Animals need to eat food, but plants do not. Plants need light, but animals can survive without light.

EVALUATE

Students can also play the online Kahoot! quiz game located below the video which provides downloadable scores at the end of the quiz game. Alternatively, you can use the paper quiz or the exit ticket questions. All these resources are located below the video in the Assessment section.

EXTENSION

Older students or more advanced students might be ready to learn the vocabulary associated with what animals eat. A carnivore is an animal that eats meat, an herbivore is an animal that eats plants and an omnivore is an animal that eats both plants and animals. Have students go back to the animal pictures to identify which category each would belong to.

ANIMALS

FOOD

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