

THE JACKSON



Zoo Connections Curriculum

**We Like to Move It, Move It:
Classifying animals by features**

1st grade

**Curriculum is aligned with the Mississippi
Academic Framework. Lessons and support
material are provided in the following areas:**

**Life Science – 3a; Language Arts – 3b;
Mathematics – 5a, 5b**

Pre-Visit

Vocabulary Words

Movement

Habitat

Classify

Concepts

- There are many ways to classify animals; color, movement and habitat are a few of them.
- Animals all live in a habitat; however, not all of their habitats are the same.

Activities

Vocabulary Words

Introduce the vocabulary words to your class. Review their meaning together. When the students are familiar with the words, ask them to make up a story using all of the vocabulary words. You could do this as a class, or in small groups. When the students recall their stories, they will also recall the meaning of the words.

Simon Says What?

Use the **Animal Relay Cards**, or animals and movements of your own, to play a game of Simon Says using only animal movements. Example: Simons Says hop like a frog. You may want to review all of the movements before you begin. This will get the students thinking about all of the different ways that animals move.

Home Sweet Habitat

Remind the students that a habitat is place where animals live and that different kinds of animals live in different habitats. Some examples are the forest, the ocean, the dessert, the jungle, and the swamp. Ask the students to create a habitat using arts and crafts supplies. They can do this as individuals or groups. When they are finished, ask them to think about what animals might live in their habitat. If it is an ocean, it should be animals that could survive there. Ask them if an animal that clearly doesn't belong could live there. Introduce the idea that habitat is another way that you can classify animals.

Animal Show and Tell

Ask each student to bring their favorite stuffed animal for show and tell. After everyone has a chance to talk about their animal, you can classify them. You can classify them by size, color, covering, movement, or any other classification that you can think of. Talk about why each animal is in each group. You could hang up the habitats that were created in "Home Sweet Habitat" and ask the students to place their animal by the habitat they think it would enjoy the most.

At the Zoo

Remind your students what they have learned about classifying animals and many different ways to group them. Tell them that today we are going to group animals by their movements! There are 4 categories – flying, walking/running, swinging (in trees), and swimming. In each category there will be clues about each animal that belong there. Assist the students as they visit the different animals to figure out who belongs where! Let the students help you teach by asking them questions that will lead to the answers.

To save paper and make it easier to keep track of the activity sheet, copy it front to back. Make enough copies of the Zoo Activity Sheet- **I Like to Move It Move It!** for each group to have as they are touring the zoo. Tell the kids to read the signs (or ask a chaperone to read them) and watch the animals in the exhibits to figure out the answers.

I Like to Move It! Answer Key





Clue	Movement	Animal	Habitat
I live in Australia and my loud laughing call is sometimes confused with a monkey!	Fly	Kookaburra	Woodlands, forest, parks
I live right here in Mississippi; even though my name has "black" in it, we can be brown and white, too!	Walk	Black Bear	Forest
Although I do get out of the water to chew down trees, I spend most of my time in the water; I even have to go in the water to get in and out of my house.	Swim or Walk	Beaver	Water
I may move slowly, but the burrows I dig are very important; more than 300 different types of animals live there with me.	Walk	Gopher Tortoise	Prairies, dunes, pastures
I live in the jungle in Borneo, spending most of my time in the trees looking for food; it is easy to swing from branch to branch.	Swing	Orangutan	Tropical rainforest
I live in Africa where I like to eat meat, anything from insects to birds. Sometimes I will even steal the lion's food!	Fly or Walk	Maribou Stork	Savannahs near lakes
I come in many shapes and sizes. I have unusual names such as red-eared, warmouth and bullhead.	Swim	Fish	Water
When I am talking you can hear me all over the zoo, I sort of sound like an alarm! I may look small, but I can eat up to 37lbs of food a day!	Swing	Gibbon	Tropical Forest







Zoo Activity Sheet

I Like to Move It!

Welcome to the Jackson Zoo! Walking around the zoo, visiting the animals is bound to be fun and exciting. While you are visiting some of the animals, see if you can figure out these clues to determine which animals move in each of the following ways! Watch the animals and ask the chaperones to help you read the signs.

Animal Photo Clue	Clue	Type of Movement <small>(Circle how they move)</small>	What animal am I?	What Habitat do I live in?
	<p>I live in Australia and my loud laughing call is sometimes confused with a monkey!</p>	<p>Fly Swim Walk/Run Swing</p>		
	<p>I live right here in Mississippi; even though my name has "black" in it, we can be brown and white, too!</p>	<p>Fly Swim Walk/Run Swing</p>		
	<p>Although I do get out of the water to chew down trees, I spend most of my time in the water. I even have to go in the water to get in and out of my house.</p>	<p>Fly Swim Walk/Run Swing</p>		
	<p>I may move slowly, but the burrows I dig are very important; more than 300 different types of animals live there with me.</p>	<p>Fly Swim Walk/Run Swing</p>		

	<p>I live in the jungle in Borneo, spending most of my time in the trees looking for food; it is easy to swing from branch to branch.</p>	<p>Fly</p> <p>Swim</p> <p>Walk/Run</p> <p>Swing</p>		
	<p>I live in Africa where I like to eat meat, anything from insects to birds. Sometimes I will even steal the lion's food!</p>	<p>Fly</p> <p>Swim</p> <p>Walk/Run</p> <p>Swing</p>		
	<p>I come in many shapes and sizes. I have unusual names such as red-eared, warmouth and bullhead.</p>	<p>Fly</p> <p>Swim</p> <p>Walk/Run</p> <p>Swing</p>		
	<p>When I am talking' you can hear me all over the zoo; I sort of sound like an alarm! I may look small, but I can eat up to 37lbs of food a day!</p>	<p>Fly</p> <p>Swim</p> <p>Walk/Run</p> <p>Swing</p>		

Now, see if you can find two more animals in the zoo that will fit into each classification.

Flying _____

Walking/Running _____

Swimming _____

Swinging _____

Post-Visit

Vocabulary

Review the vocabulary words with the students. Ask them to remember their favorite animal they saw at the zoo and to compose a drawing or visual image of it. Then, have them orally describe their picture to the class making sure they say what kind of animal it is, how it moves, and what sort of habitat it lives in.

Compare Your Information

Create a chart on the board of all of the animals the students saw and recorded information about at the zoo. Have the students make simple bar graphs or pictographs of their information collected. These graphs can compare habitats and/or movements of the animals they saw. Have them look at their graphs and compare the information using terms such as more than and less than.

Regroup

Animals are not the only living things that can be grouped. Plants come in different shapes and sizes as well. Provide the students with pictures of different types of plants and see if they can find ways to group them. Suggested groups: Big leaves/little leaves, thorns/no thorns, desert/rainforest/grasslands, flowers/no flowers.

Moving Animals Relay!

Another way to group animals is by the way they move. Animals can run, walk, fly, swim, hop, slither, and crawl just to name a few. Put the students in two lines for a relay. Using the provided **Animal Relay Cards**, read the name of the first animal to the first two students in line; they will then move down to a determined point in the same way that the animal on the card moves (A frog will hop, a turtle will crawl, an eagle will fly (flap arms as running)). When they finish, read the next animal to the next students until everyone has had a turn. You may need to demonstrate some of the movements. You can also use the cards to play a game of charades or pictionary with the students. Feel free to create more cards for more movements.

Resources

Conservation Snapshots: <http://aza.org/conservation-snapshots/>

- A description of the different types of animal groups and some problems each group is facing in the wild.

Animal Diversity Web: <Http://animaldiversity.ummz.umich.edu/site/index.html>

- Descriptions of various animal groups and access to links that provide further information.

Design a Panda Habitat: <http://nationalzoo.si.edu/Education/ConservationCentral/default.cfm>

- An interactive game where students design a proper habitat for the giant panda.

Recommended Zoo Programs

Are you looking for another way to bring the lessons in this curriculum to life? We've got just the thing; when you're at the zoo stop by the Gertrude C. Ford Education building for a fun educational program that supports this material or have the Jackson Zoo come to you!

At the Zoo

Wild Classroom:

Curious Creatures- Why don't snakes have fur? How come an ostrich has feathers but doesn't fly? During this exploration of animals, you'll compare and contrast, discover differences within the animal kingdom, and come away knowing more about why animals look and act the way do, and classified the way they are.

Let us Visit You

Zoo Mobile:

Animal ABCs- Starting at the beginning has never been this much fun! Find out just what makes an animal an animal, how they move, what they eat, and how they are classified. Why don't they all look the same? Tune up your observation skills as we jump into animal basics.

For more information or to schedule any of these programs for your class, visit our website at www.jacksonzoo.org or call 601-352-2580 ext 240. All of these programs must be scheduled at least two weeks in advance.



Animal Relay Cards

Rabbit

(hop)

Rhino

(walk/run)

Turtle

(crawl)

Eagle

(fly)

Lion

(walk/run)

Frog

(hop)

Butterfly

(fly)

Elephant

(walk/run)

Owl

(fly)

Tortoise

(crawl)

Giraffe

(walk/run)

Grasshopper

(hop)