

# Eastman Nature and Wildlife Habitat Center

## A Closer Look

\_\_\_\_\_

Your Name



### Site Survey Data Sheet

Date \_\_\_\_\_ Time \_\_\_\_\_

Location \_\_\_\_\_



### Air Temperature

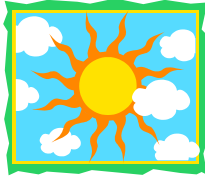
Measure the air temperature in the shade of the trees.

Air Temperature \_\_\_\_\_ Celsius

Air Temperature \_\_\_\_\_ Fahrenheit

## My Weather

Circle the picture that best describes the weather today.



## Wind Direction

What direction is the wind coming from?

The wind is coming from the \_\_\_\_\_.  
North, South, East, or West



## Hula Hoop Discovery

Randomly toss hula-hoops on to the forest floor. Assign two or three students to each hula-hoop. Locate the following inside your hula-hoop.

\_\_\_ A Rock

\_\_\_ Decaying Leaf

\_\_\_ Non-living Object

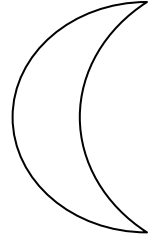
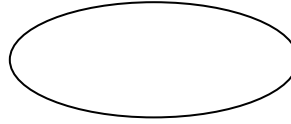
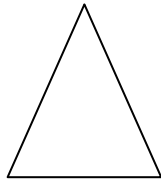
\_\_\_ Decomposing Wood

\_\_\_ Acorn

\_\_\_ Living Organism

### Hula Hoop Discovery

Look closely at the leaf litter and sticks inside your hula-hoop. Look for the following shapes.



### Acorn Count

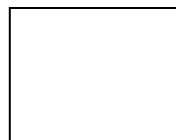
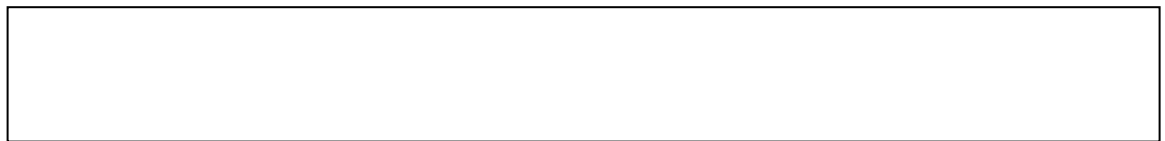
Place the hula-hoops in an area of the forest containing oak trees. In-groups of two or three, ask your students to find and count the number of acorns inside their hula-hoop. Record your data below.

I found \_\_\_\_\_ acorns inside my hula-hoop.



### Bird Count

Sit quietly in the forest floor and count the number of birds you observe in 5 minutes. Place a mark inside the rectangle each time you observe a bird. Total the marks inside and place the total number of birds observed inside the square.



### Soil Temperature vs. Air Temperature

Collect the air temperature with half of the class while the other half of the class collects the soil temperature. Dig a hole 5 or 6 inches below the leaf litter and place a thermometer inside the hole. Cover the thermometer with soil and wait for 2 minutes. Record your observations.

Air Temperature \_\_\_\_\_ F \_\_\_\_\_ C

Soil Temperature \_\_\_\_\_ F \_\_\_\_\_ C

### Air Soil and Water Temperatures

Use the pond or creek for this activity. Collect air, soil and water temperatures. Record your observations.

Air Temperature \_\_\_\_\_ F \_\_\_\_\_ C

Soil Temperature \_\_\_\_\_ F \_\_\_\_\_ C

Water Temperature \_\_\_\_\_ F \_\_\_\_\_ C

### Water Quality Analysis

Using the pond or creek, ask your students record your observations and draw a conclusion based on their observations. Circle one word based on your observations.

The water looks:        Clear    Muddy

Fish in the water:        None    Some    A Lot

Insects in the water:    None    Some    A Lot

Evidence of animals:    None    Some    A Lot

My water is:    Excellent    Fair    Poor

### Survey Results

Complete the survey based on your observations of living organisms and non-living objects.

Insects                    \_\_\_ None        \_\_\_ Some        \_\_\_ A Lot

Birds                     \_\_\_ None        \_\_\_ Some        \_\_\_ A Lot

Squirrels                \_\_\_ None        \_\_\_ Some        \_\_\_ A Lot

Living Organisms      \_\_\_ None        \_\_\_ Some        \_\_\_ A Lot

Non-living Objects    \_\_\_ None        \_\_\_ Some        \_\_\_ A Lot

### Journal

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