

Huron County Nature Center Wilderness Arboretum

Plant and Animal Types

Lesson Plan

Level: K - 1st

Grade Developed by Bob Tallman with funding support, in part, from the Huron County Nature Center.

Program Description: Students will visit two or more habitats at the Huron County Nature Center Wilderness Arboretum. Students will observe and identify various plants and animals comparing and contrasting.

MEAP Objectives:

SCI III.2.1: Explain characteristics and functions of observable body parts in a variety of animals.

SCI III.2.2: Compare and contrast or classify familiar organisms on the basis of observable physical characteristics.

SCI III 2. 4: Compare and contrast food, energy, and environmental needs of selected organisms.

SCI III 2.5: Explain functions of selected seed plant parts

Pre-visit Suggestions:

1. Be sure that every student is dressed for the weather conditions.
Layers work best. Tell them to wear shoes that can get muddy.
2. Remind the students to take only memories, leave only footprints.
3. Some things may be collected for a classroom display at the desgression of the leader.

Visit:

Students will visit the nature center walking along various trails and paths.

- > They will identify non-woody plants (lichens, mosses, grasses, herbaceous, monocots, dicots) woody plants (trees, shrubs, coniferous and deciduous)
- > They will observe insects, spiders, frogs, toads, and birds.
- > Students will discuss food, energy, and environmental needs of some of these organisms.
- > At least one seed plant will be examined in detail.

Post Visit Suggestions

- > Have students draw a labeled picture of what they saw and write a journal entry.
- > Have students write thank you notes describing things they saw.

Student Name _____

Plant Drawing

Plant Name _____

Draw a seep lant you observed at the nature center. You may want to do a close-up drawing of specific parts to show more detail.

Label each part: roots (show a cut-away view), stem, leaves, flowers or seed pods.

Put the sun in your drawing to show where the plant gets its energy.

Do any animals use the plant you drew for food? Add them to your picture.