

Week 2 Virtual Camp Sampler

(Ages 13 and up)



MONDAY

A Place for Every Living Thing: Biodiversity refers to the variety of living things found in a given area. Biodiversity increases when more than one habitat is present and varies from habitat to habitat. You can conduct a biodiversity inventory in your backyard or along the trails at a park by walking a transect. A transect is a path that you walk and record observations along.



Observation Sheet:

Describe the habitat you are inventorying: _____

Type of Wildlife Seen, Heard or Signs of	Number of Each Wildlife Type
Total number of wildlife found:	Number of different types of wildlife:

You can use this formula to calculate the biodiversity of the habitat you inventoried. This is referred to as a Biodiversity index.

$$D = N(N - 1) \div \Sigma[n(n - 1)]$$

D = diversity

N = total number of ALL individual wildlife types inventoried

n = number of individuals of a single wildlife type

Σ = sum of the values of each wildlife type

Here's an example comparing 2 different habitats:

Type of Wildlife	Habitat A	Habitat B
A	22	2
B	3	18
C	0	27
D	1	29
E	11	13
Total	37	89

Habitat A

$$D = 37(36) \div \Sigma [22(21) + 3(2) + 0 + 0 + 11(10)] = 1332 \div 578 = 2.3$$

Habitat B

$$D = 89(88) \div \Sigma [2(1) + 18(17) + 27(26) + 29(28) + 13(12)] = 7832 \div 19.78 = 3.96$$

TUESDAY

Nature's Nursery: Nature's Nursery Center for Wildlife Rehabilitation and Conservation Education provides medical care to injured, orphaned or ailing wild animals and teaches children and adults about co-existing with Northwest Ohio wildlife. Check out this video to learn more.

URL: <https://youtu.be/YUI4CC2pPXo>

WEDNESDAY

What would you do? Read through the wildlife scenarios below and ask yourself what you would do in each situation to help be a good steward to wildlife.



It's May and you are walking along a trail at a park. You spy a deer fawn all alone in the brush near the trail? You don't see the mother deer anywhere! What would you do?

Did you know that for the first 2 weeks of their life fawns have virtually no body odor? At times their mother's will leave them unattended while she forages for food. By doing this she doesn't attract predators to her baby. The fawns instinctively know to lay nice and quiet while their mother is gone. You don't need to do anything to help wildlife in this case, simply continue on your walk.



You discover an eastern cottontail rabbit nest in your yard and you are concerned because you have a dog. You don't want your dog to disturb the nest. You think that maybe you should move the nest to keep it safe. What would you do?

The mom may not come back to the nest if you move it. Try using a laundry basket to protect the nest when your dog is out. Place the laundry basket on the nest and weigh it down with something heavy.



A strong windstorm blew a bird nest out of the tree in your yard. You find the nest and some eggs on the ground! The eggs don't appear to be broken but the nest looks ruined. What would you do?

Put the nest and eggs in a plastic container with holes in the bottom or a hanging basket and put it back up in the same place that it fell from. If it is not safe for you to get the nest back up, call Nature's Nursery to be advised on the next steps.

THURSDAY

Nature Journal: A fun way to write about something you have observed outdoors is to make up a poem. Cinq means five and a cinquain (sin-kane) has five lines with a limited amount of words or syllables. It is also considered shape poetry since the author starts with one word, builds up to 4 words and ends with just one word. Read this sample and then fill in the blanks and make your own simple poem:

Squirrel (1 noun) _____

Brown fluffy (2 adjectives) _____

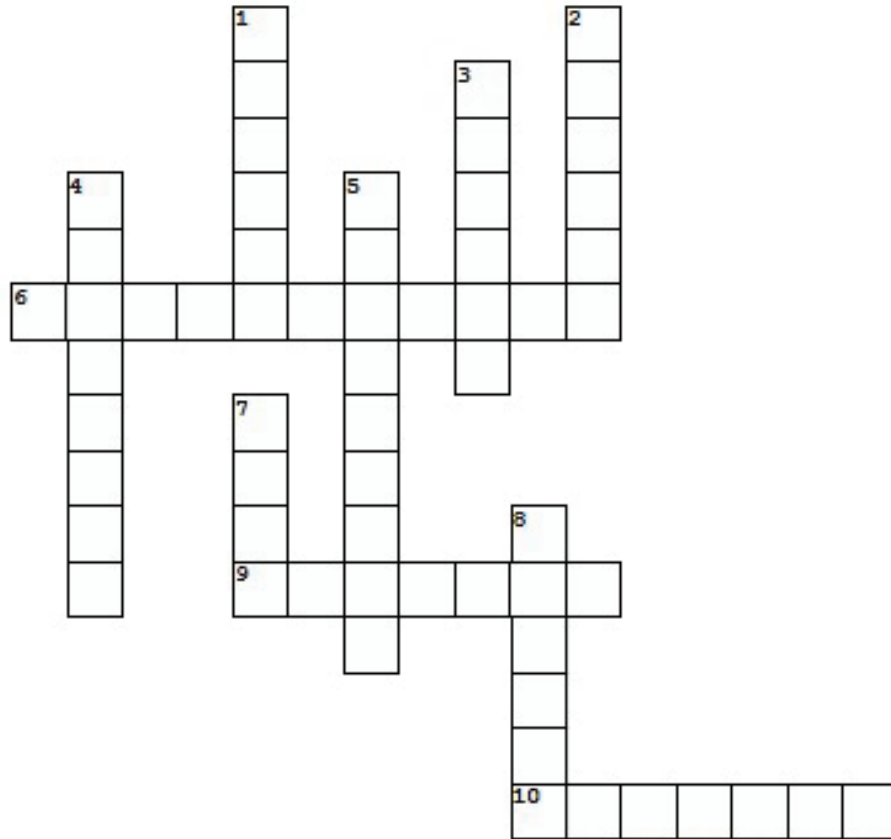
Scurrying chattering digging
(3 verbs ending with "ing") _____

Acrobatics make me laugh
(4 words feeling phrase) _____

Mammal (1 word summary) _____

FRIDAY

Crossword Puzzle: Can you figure out the clues for each Ohio mammal?



Across

- 6. I am adapted for swimming with a long tapered body and dense fur
- 9. Males of this animal are called Boars
- 10. My fur is a rusty-red color

Down

- 1. I am named for my black check patches (badges)
- 2. I have webbed feet and a paddle-like tail
- 3. I am the largest of the 3 members of the dog family found in Ohio
- 4. I have 5 black racing stripes on my back
- 5. I am known as a weather forecaster
- 7. I have two seasonal coats
- 8. Once common to Ohio, this animal was extirpated from Ohio due to habitat loss and human settlement

Created using the Crossword Maker on TheTeachersCorner.net