



**Duke Farms**  
Living Habitats

## Family Activity: 5 to Stay Alive

### A Family Activity for All Ages

*Borrow\* a "Guide to Duke Farms" for this activity to learn more about the needs of the animals that find Duke Farms a suitable place to call home. \*Refundable deposit required.*

Procedure: Every living species requires 5 things to survive: food, water, air, shelter and space. An area where an organism finds these five things is called a Habitat. Habitat is another word for a home for animals. Each type of animal needs a precise type of habitat to meet its specific needs. Today you will take a walk around Duke Farms looking for suitable habitats for the animals listed below. All of these animals call Duke Farms home, so you should be able to find all of their needs right here on your walk!

You may assume air\* is all around us and so it is available for the animals as well. However you may have to look harder for the other components of a suitable habitat!

Mark an X in each column as you find the needs for the animal. When you have finished enter Y or N if you think this is a good habitat for the animal.

Species	Needs	Food	Shelter	Water	Space	Good Habitat? Y or N
Eastern Painted Turtle	Eats crayfish, basks on logs, lives in lakes					
Blue Bird	Eats ground insects and spiders and fruits, lives in meadows					
Wild Turkey	Eats acorns, nuts, fern fronds, ground insects, needs trees to roost, shrub piles, clearings					
Bat	Night flying insects, aquatic insects, needs loose tree bark, tree cavities, bridges, buildings					
Butterfly	Eats nettles, sap, animal droppings, needs leaves and puddles, open area with forest nearby					
Owl	Eats songbirds and rodents, tree dominated habitats, tree hollows					
Bald Eagle	Eats fish, turtles, waterfowl, Needs tall trees and wide open water areas.					
Salamander	Eats mites, centipedes, millipedes, needs deep leaves and rotting logs					
Wood Duck	Eats insects, seeds, fruits, needs large trees with cavities, diverse habitat with trees, shrubs, aquatic plants and open water.					
Dragon Fly	Eats many species of insects, lives any place near water					
Red Fox	Eats rodents, rabbits, small birds, fruit, eggs, insects, lives in forests, fields, prefers forest edges and mixed vegetation					
Bumble Bee	Eats nectar from flowers, nests below ground under logs					

*\*What is the difference between air and space? Space means having enough room to live without competition and air is what we breathe.*