

## Adaptation Mingle Cards Activity Directions:

### Easy Set ( 30 cards plus 3 extra)

1. Explain to students that each will get a clue card; every clue card is different. There are 4 different animals that the clues match. One animal lives in a wetland habitat, one in a meadow/field habitat, one in a forest habitat and one that lives in all 3 habitats. There are 7 - 8 clues per animal. Students must find others with clues that match for one of the animals.
2. Assist students as needed and confirm when all clues match an animal. Have students silently guess what animal it is. Keep animal groups separate when game is complete.
3. **Answers** – Look on the back of the cards for numbers - Squirrel cards  
letters – Snake cards  
symbols – Duck cards  
blank - Pill Bug cards
4. Choose one group and have each student read their clue. Have the rest of the class guess the animal and its habitat. Do the same with each group.

### Hard Set (30 cards)

1. Same type of activity as above except that there are 4 animals that represent mini-habitats. There are 5 – 7 clues per animal.
2. **Answers** - Look on the back of the cards for set with blue ink – millipede  
*Each set has numbers, letters and symbols;* red ink – crayfish  
black ink – earthworm  
blank/no ink – spider

## **Duck**

**I eat mostly insects that I catch by moving water through my bill which acts like a strainer.**

**I have feathers that repel water and provide protection from the cold.**

**I live just about anywhere that there is water.**

**I can fly.**

**I have webbed feet that help me to swim.**

**In the spring, you may see me with my little babies following close behind me. I am teaching them how to hunt, swim and fly.**

**I lay eggs in a nest and sit on them to get them to hatch.**

## **Snake**

**I am cold blooded.**

**I shed my skin as I grow. I am a reptile**

**I use my tongue and my eyes to sense what my environment looks like.**

**I have no legs. I slither along the ground to move.**

**I eat small rodents like mice and moles, but I also eat some birds and their eggs.**

**I usually live at the bottom of hollow trees, under rocks or in abandoned animal burrows.**

**I am the only animal that can swallow objects bigger than my head. I do this by un-hooking my jaw.**

## **Squirrel**

**I have gray fur that helps me hide in my habitat.**

**I live just about anywhere that there are trees, even in cities.**

**I was born in a leafy nest high in the trees.**

**I have short, sharp teeth to help me eat nuts and fruits.**

**I have very sharp claws, and I am a great climber.**

**I am a common mammal that lives in city parks.**

**I use my large tail as a balance. This helps me so that I can walk on branches and on telephone wires without falling.**

**I bury nuts underground in the fall so that I'll have food for the winter.**

## **Pill Bug**

**I am smaller than a dime.**

**I have seven pairs of legs and 2 pairs of antenna.**

**I don't have any bones. I am an invertebrate.**

**People have a lot of names for me: sow bug, wood lice, roly poly and potato bug.**

**When I'm scared, I roll up into a ball to protect myself.**

**My body covering is like armor and is brownish gray in color.**

**I breathe with gills and I am the only crustacean that lives on land.**

**I am a decomposer. I eat dead plants and animals.**

## **Crayfish**

**I have four pairs of legs. Three are used for walking and the fourth are pinchers.**

**I spend most of my life underwater, but sometimes I come on land and dig burrows.**

**I am a scavenger. I eat almost anything.**

**I usually have an orange color, but sometimes I am gray or brown.**

**I swim fast backwards to escape predators.**

**I am a favorite food of raccoons and some fish.**

**I am a crustacean. This means that I have a hard outer shell.**

**I can be found on the menu at several southern restaurants.**

## **Earthworm**

**I am both male and female.**

**I breathe through my skin.**

**I feel slimy to the touch.**

**I have small leg-like structures on my underside that help me move.**

**I live in moist soils and feed mostly on dead plants and trees.**

**I have a long, skinny, segmented body with light sensors on both ends. These are kind of like my eyes.**

**When it rains, I sometimes have to come out of the ground to keep from drowning.**

## **Millipede**

**I have a long segmented body with two pairs of legs on every segment.**

**I can have up to 400 legs.**

**I emit a foul smelling liquid when I am disturbed. This liquid can kill small animals that try to eat me.**

**I coil up in a ball as a method of self defense.**

**I can be found under rotting logs where I feed on dead plant material.**

**I am sometimes brightly colored. This is a warning that I am poisonous.**

## **Spider**

**I eat insects. I am an insectivore.**

**I have 8 legs. All of my legs have tiny hooks on them that help me climb almost anything.**

**I have glands that produce silk for spinning webs or wrapping my eggs.**

**I am closely related to ticks and scorpions.**

**I have compound eyes. This means that my eyes have many little parts, usually eight.**

**I have fangs that I use to inject venom into my prey.**

**I have two parts to my body; the abdomen and the thorax.**

