**Reflections**

Look at Mud Lake. In the oval below, draw only the things that you see reflected in the water.

---

**Mystery Animal**

These are signs of wild animals you might find at Mud Lake. Draw a line connecting each sign to its appropriate animal.

- **teeth marks on bark**
- **woodpecker**
- **scat with berry seeds**
- **elk**
- **holes in a tree**
- **black bear**

---

**Think Like an Elk**

Imagine you are an elk. Draw an elk track on your map (above) at each of the following locations after you visit them. There are many options, so have fun!

- A tree to rub your antlers on
- A place to drink some water
- A nice spot on the ground for you to sleep
- A good place for you to call other elk with your bugle (make a loud whistling noise)

---

**Map Activity!**

Feel free to write or draw on your map!
Wow, You Look Different!

These pictures show the same tiger salamander at two different times of its life. Some animals change so much that they look like completely different animals. This is called metamorphosis!

Circle the two animals listed below that go through metamorphosis.

Butterfly Duck Rabbit
Moose, elk, snowshoe hares, long-tailed weasels, and bobcats live in the forest around this lake. The forest is made up mostly of lodgepole pine trees, but also aspens, ponderosa pines, and many other types of trees. The shallow lake is home to crayfish, tiger salamanders, ducks, and frogs.

Nature Detectives Club
Mystery Guides can be found at:
1) Agricultural Heritage Center
2) Bald Mountain Scenic Area
3) Betasso Preserve
4) Caribou Ranch Open Space
5) Carolyn Holmberg Preserve
6) Heil Valley Ranch
7) Mud Lake Open Space (currently closed)
8) Pella Crossing
9) Walden Ponds Wildlife Habitat

Drop completed mystery guides in the Nature Detectives Club mailbox at each park. If you need to finish at home, mail it to us: Nature Detectives Club, Boulder County Parks and Open Space, 5201 St. Vrain Road, Longmont, CO 80503

Complete the information below so we can send you prizes and return your mystery guides!

Grown-ups, please provide the following information:

Detective’s name: ___________________________________________ Age: ________
Address: _____________________________________________________
City, State: ___________________________________________________
Zip code: _____________________________________________________
Phone: _______________________________________________________