



# JUNE ACTIVITY SHEET

Join Eddie at the Academy to earn stamps and win a prize!

## ACTIVITY #1

Join us on June 15 from 1–4 p.m. for Scientist Saturday: Aquatic Macroinvertebrates. These bugs are an important part of the ecosystem. Visit *What Eats What* on Level 2 to learn more.

## ACTIVITY #2

Visit the Investigation Station on Fridays and Saturdays, 11 am.–3 p.m. to learn all about owls. In which diorama can you spot an owl?

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## ACTIVITY #3

Our next special exhibit, *Dinosaurs Around the World*, opens on June 30. Visit Dinosaur Hall today and choose which dinosaur you'd most like to meet in real life.

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## TOTALLY TURTLES

Over the course of 230 million years, turtle evolution has resulted in very interesting defenses! You probably know that all turtles have a bony shell covered with scales or leathery skin, but did you know some turtles, like the Eastern musk turtle (a.k.a. stinkpot), defend themselves by releasing a smelly musk? Others, like the common snapping turtle, have developed a fearsome bite. Several species escape predators by camouflaging with their surroundings.





## Don't forget your stamp.

Get your monthly stamp at the admissions desks. If you have eight stamps, it's time to collect your prize in the Academy Shop!

## HOLY MOLY ROLY POLY

Pill bugs (you may know them as roly poly bugs or doodle bugs) have the word "bug" right in their name, but these interesting creatures are actually land-dwelling crustaceans related to lobsters, crabs and shrimp. They even breathe with gills. In this take-home activity, you will investigate some innate behaviors (instincts) of pill bugs.

### You will need:

Small containers for collecting pill bugs  
Small clear plastic tote  
Sponge  
Chopped apple and shredded carrot  
Empty tissue box or similar cardboard box

### Experiment One: Wet vs. Dry

Prepare a small plastic tote with a wet sponge to one side. Collect six pill bugs in small containers. Place three pill bugs on the sponge, and three pill bugs on the dry side of your tote. Observe the behavior of the pill bugs. Do they attempt to stay dry or do they move to the wet surface?

### Experiment Two: Light vs. Dark

Prepare a small plastic tote with an empty cardboard box to one side. Collect six pill bugs. Place three pill bugs inside the cardboard box, and three pill bugs on the other side of your tote. Observe. Do they move to the light or the dark?

### Experiment Three: Fruit vs. Vegetables

Prepare a small plastic tote with chopped apples on one side and shredded carrot on the other. Collect four or more pill bugs in small containers. Place the pill bugs in the center of your tote. Observe. Do they prefer one food over the other?

## UPCOMING EXHIBITS AND EVENTS

### Scientist Saturdays

June 15  
1-4 p.m.

### Totally Turtles Weekend

June 22-23

### Dinosaurs Around the World

Opens June 30



The Academy of  
Natural Sciences  
of DREXEL UNIVERSITY

**Regular Hours:**  
Monday-Friday,  
10 a.m.-4:30 p.m.

Weekends and Holidays,  
10 a.m.-5 p.m.

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