



JULY ACTIVITY SHEET

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

DINO-MITE SUMMER, JULY 1–AUGUST 31

Celebrate a dino-mite summer at the Academy with fun activities all summer long! You can find the full list of activities at ansp.org.

ACTIVITY #1

Attend a Naturalist Presentation on weekdays at 2:30 p.m.

ACTIVITY #2

Enjoy a story with Marty the Moose in the auditorium. Every Monday at 1 p.m.

ACTIVITY #3

Make a fossil craft in BEES Classroom on Level 3. Every Saturday and Sunday from 1–5 p.m.

DINOSAUR FIELD JOURNAL

Check out the dinosaurs from our newest exhibit, *Dinosaurs Around the World*, on Level 1. You'll also find two dinosaurs outside the Academy on the Benjamin Franklin Parkway. Choose your favorite and make observations about the species. For instance, what is their diet? How big are they? Do they have feathers or scales?



MY FAVORITE DINOSAUR IS: _____

MY OBSERVATIONS: _____



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!

FOSSILIZATION EXPERIMENT

In many cases, fossilization is the process of biological organs turning into rocks and this happens by the process of mineral crystallization. The groundwater around the organ contains ions that become mineral crystals. This experiment demonstrates the role of crystallization in the fossilization process.

You will need:

- ½ cup of water
- 1½ cups of sugar
- 1 12oz beaker or jar
- 1 popsicle stick or pencil
- 1 8" string
- 1 paper clip
- Camera (optional)

Instructions:

- 1.) Tie one end of the string to the paper clip, and tie the other end to the popsicle stick.
- 2.) Fill your beaker or jar with 1¼ cups of sugar.

- 3.) Ask an adult to help heat ½ cup of water in a microwave or kettle until it starts to boil.
- 4.) Carefully add the hot water to your sugar.
- 5.) Stir the sugar and water solution. If needed, continue adding tablespoons of sugar until no more can dissolve, and the water looks cloudy.
- 6.) Drop the paper clip end of the string into the solution and balance the popsicle stick across the opening of the jar.
- 7.) Observe the crystals over time to see how they form on the string. Take pictures to record the changes if you'd like.

UPCOMING EVENTS

Scientist Saturdays

July 20
1-4 p.m.

Dinos After Dark

July 24
4-8 p.m.

Bug Fest

August 10-11
10 a.m.-5 p.m.



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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