



JANUARY ACTIVITY SHEET

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

ACTIVITY #1

Meet an animal today. Join our animal ambassadors in the auditorium Monday–Friday at 11 and 11:45 a.m. and Saturday–Sunday at 11 a.m. and 2:30 p.m.

ACTIVITY #2

Xtreme Bugs closes on January 21. If you could meet a real giant bug, what type of bug would you choose?

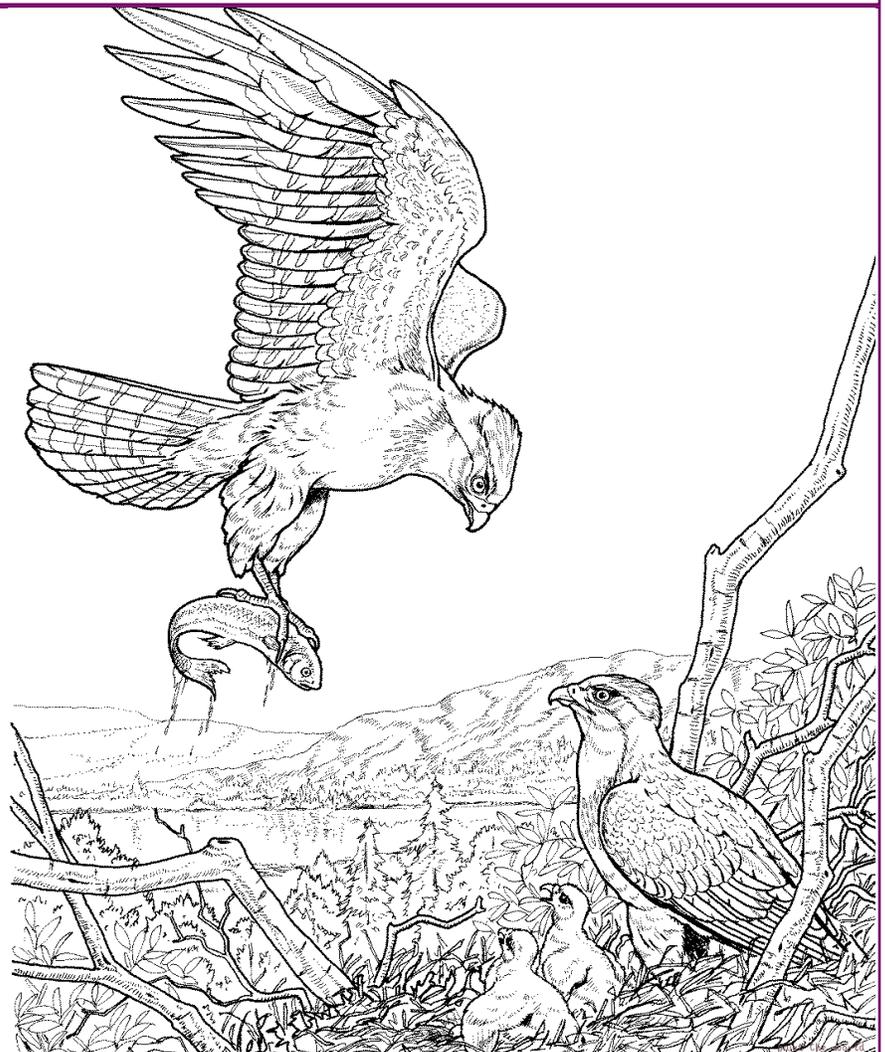
ACTIVITY #3

Check out the polar bear diorama in North American Hall. How do you think polar bears stay warm in the Arctic? Complete the experiment on the back of this page to learn more.

ANIMAL ARCHITECTS

Birds construct amazing nests that withstand the weather and elements in their environment. Visit the Investigation Station on Fridays and Saturdays from 11 a.m.–3 p.m. at the Moose Diorama to learn how you can design, build and test your own nest at home.

Did you know? The largest recorded eagle nest was 9.5 feet in diameter, 20 feet deep and weighted nearly 3 tons. That's the same weight as the average African forest elephant!





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!

BLUBBER EXPERIMENT

Animals in the Arctic survive extreme temperatures. A thick layer of blubber keeps them warm and stores nutrients their body can use when food is hard to find. Complete the experiment below to compare blubber to other insulators humans use to stay warm.

You will need:

Bowl or bucket of ice water
Vegetable shortening
4 press-seal storage bags
Timer
Notebook and pencil
Gloves, small towels, etc.

Instructions:

Step one: Flip one storage bag inside-out and place it inside of another storage bag. Line up the sealing strips and press them together. This is your **control glove**.

Step two: Use two more bags and follow step one. This time, fill the space between the bags with vegetable shortening before sealing them together. The shortening will act like blubber. This is your **test glove**.

Step three: Place your hand inside the control glove and submerge your hand in the ice water. Use the timer to leave your hand in the ice for 10 seconds. Use your notebook to record how your hand feels.

Step four: Now place your hand in the test glove and submerge your hand in the ice water. Use the timer and record how your hand feels after 10 seconds.

Step five: Test other insulators inside the control glove you made. You could wear a glove, or place a small towel between the bags. Do any of these insulators work as well as the vegetable shortening?

UPCOMING EXHIBITS AND EVENTS

Xtreme Bugs Weekend

Saturday–Monday,
January 19–21

Scientist Saturday

January 24

Mythic Creatures: Dragons, Unicorns & Mermaids

Opens February 15



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.

1900 Benjamin Franklin Parkway
Philadelphia, PA 19103
215-299-1022

ANSP.ORG