

## NATURE SCIENCE LABS

Thursdays, September 12-December 12 (no class October 17 or November 28; 12 weeks)

9:30am-10:45am

Ages 6-8

Students explore the world around them as they investigate the biology and ecology of plants and animals, and the environment they inhabit. We study what mosses and lichens really are, look at the microhabitats of different bugs, dissect an owl pellet to see what they eat, use microscopes to see the tiny critters that live in a pond, and more! All lab costs are included in registration fee. Course enrollment is limited to 12 students.

Instructor: Tina Oresteen, BSc

Location: Science Center (suite 5)

Course fee: \$220 OR \$20/lab

10% off early registration discount through July 31

10% off sibling discount available beginning August 1

### LAB SCHEDULE:

**Mosses and Lichens** – Thursday, September 12

We start the semester by investigating some of the smallest plants found in your backyard. Students use microscopes to investigate mosses and lichens (and find out that lichens are actually two organisms), and create their own living terrarium.

**Science of Leaves** – Thursday, September 19

Students use leaf rubbings to learn about the different species of trees, and create an art + science masterpiece. We also conduct a chromatography experiment to look at leaf pigments, and find out why green leaves turn yellow and orange in the fall.

**Flower Dissection** – Thursday, September 26

We learn to properly use dissection tools as we dissect and study the different parts of a flower, observe similarities and differences of different flower types, and discuss why different flowers have specific shapes.

**Fruits and Seeds** – Thursday, October 3

Why do plants produce fruits and seeds? What is inside a seed? What do seeds need to grow into a plant? How do seeds get to a good place to grow? This week we dissect fruits and seeds to investigate their characteristics, and help us answer questions about them.

**Terrestrial Invertebrates** – Thursday, October 10

