

# 20 Homeschool 20 Curriculum



## Essential Information:

Sessions are held the second Thursday of each month, 10:30 a.m.-12:30 p.m. Each session is adapted for ages 5-9 years old and also ages 10 and older. Preregistration is required; call 248-858-0916 on weekdays or 248-585-0100 on weekends. Sessions are designed as a drop-off program for youth. A release form must be completed with registration. Cost: \$10/session

### ❄️ Jan. 9 Space Day: Astronomy

Our inflatable planetarium, StarLab, is the star attraction of today's lesson. Discover constellations and their ancient legends along with an out-of-this-world craft.

### ❄️ Feb. 13 Mad Scientist Day: Chemistry and Physics

Lab coats, theories, and beakers, oh my! Join us for hands-on experiments in search of the perfect putty buddy, while learning some crazy chemistry and powerful physics.

### ❄️ March 12 Planet Pals: Sustainability and Renewables

Learn how to save the world -- Make a salvage sculpture and nurture some native wildflowers while discovering the secrets of sustainable survival and renewable resources.

### 🌸 April 9 Predator Prowl: Carnivores

Ready to meet some meat-eaters? Size up skulls and take a hike to hunt for native predators under the leaves, in the trees, and on the breeze.

### 🌸 May 14 Flying Friends: Birds

Find some flying friends. Monitor a migration and build a bird beak as we uncover the fantastically diverse world of avian adaptations.

### 🌸 June 11 Bug Bash: Insects

"Bug" us while inspecting insects. Swing your nets into nature in an attempt to catalog the tiniest critters out on the trail and in our swale.

### ☀️ July 9 Scales and Tails: Reptiles and Amphibians

See snakes, salamanders, and sliders up close. Meet our resident reptiles and at-home amphibians before searching for their wild relatives in the woods.

### ☀️ Aug. 13 Survival Sage: Wilderness Preparedness

Get lost in the great outdoors with us. Hone your survival skills and prepare a survival plan for whatever nature throws at you.

### ☀️ Sept. 10 Tree Trail: Plants

Hit the trail on a flora-finding adventure. Hear about the habitats of Michigan and the unique plants that call it home before crafting a leaf collage.

### 🍁 Oct. 8 Creepy Critters: Nocturnal Animals

When the day is done, it's time for fun! Learn what lurks in the shadows as we discuss the wild world of nocturnal animals.

### 🍁 Nov. 12 Research Rocks! Geology

Minerals on your mind? See samples from around the planet while learning about crystals and studying stones. Then polish a Petoskey stone to take home.

### ❄️ Dec. 10 Winter Wildlife: Animal Adaptations

Check out some cool critters and the ways they stay warm in winter. Feel animal fur as we wonder at winter adaptations before strapping on snowshoes for an outdoor hike.