

QUARRY HILL NATURE CENTER

p 507-328-3950 w www.QHNC.org a 701 Silver Creek Road NE Rochester, MN 55906



Greetings from Quarry Hill Nature Center,

For more than 45 years, Quarry Hill has been a leader in natural science and environmental education. Staffed by licensed science teachers and naturalists, our programs are based on current education trends and grounded in hands-on discovery. We believe that hands-on, inquiry based activities develop critical thinking, exploration and investigative skills as well as respect for the natural world. The extensive resources both in the park and the center provide an experience not easily duplicated at home.

We welcome homeschool families to participate in our public programs and the following offerings designed specifically for homeschool students. These classes are for homeschooled students only, are based on age, and are offered several times during the school year. Topics rotate from year to year.

- Quarry Hill's environmental education classes focus on interactive hands-on learning and correlate to MN Science Standards.
- Classes range from 1½ - 2 hours in length. Classes often include a significant amount of time outside. Please dress for the weather.
- Classes are \$4.00 per student for each visit. Advanced registration and payment is required.
- Parents do NOT need to stay.

How to Register:

Stop by the nature center M – F from 9:00 – 5:00 or call 328-3950. Payment can be made by credit card over the phone.

-OR-

Print registration form and mail with check made payable to Quarry Hill Nature Center to:

Quarry Hill Nature Center
701 Silver Creek Rd NE
Rochester, MN 55906

**Please refer to the back side for class listings and registration dates.
Registration for all classes begins September 24.**

Home School Offerings 2018-2019

November 6 1:15-2:45 PM

Examining Life

Ages 5-7

Students observe, measure & draw small living animals. Brief puppet shows will help students understand animal life cycles through the seasons. Students will then spend time in the newly renovated Exploration Hall matching animal babies to their animal parents!

Fee = \$4.00

May 1, 1:15-2:45 PM

Lets 'Bee' Nosey

Ages 5-7

Students will compare their five senses with the senses of honey bees. Students also learn how honey is made, help extract honey from comb, and taste honey. Finally student head outdoors to look for all the things bees need to survive.

Fee = \$4.00

November 6 1:00-3:00 PM

Habitats and Biomes

Ages 8-10

Explore how a scientist defines a habitat versus a biome. Learn about Minnesota's biomes and how each is unique. Then head outside on a hike to the pond, prairie, and forest to investigate what animals use these areas as a part of their habitat. Students will also play a matching 'Find the Habitat' game (indoors).

Fee = \$4.00

May 1, 1:00-3:00 PM

Life Cycles of Trees

Ages 8-10

Students will enjoy an introduction to the parts and lives of trees before hiking to find examples of trees at various stages of life. Observation and dichotomous keys will be used to identify tree leaves and seeds.

Fee = \$4.00

MIDDLE SCHOOL OFFERINGS

November 6, 1:00-3:00 PM

Track that Trash

Ages 11-14

Visit the Olmsted County Waste-to-Energy plant and Recycling Center. Students will tour both facilities and also spend time at 12 waste-related learning stations.

There is no fee for this offering. Class fees are covered by Olmsted County.

May 1, 1:15-2:45 PM

Geocaching

Ages 11-14

Join Quarry Hill staff to learn about this modern-day game of hide and seek using GPS units and GPS coordinates for clues. Most geo-caches are hidden off the trail. Please come prepared for a little bit of 'bush whacking' such as walking through tall grasses or shrubs.

Fee = \$4.00

FAMILY OFFERING

April 22 or May 16, 1:00-2:30

Cave and History Hike

Ages 5yr and older

What people once lived here...how did they use the land...and what clues did they leave behind? From cave, to cemetery, to quarry operations – the history is rich and intriguing! We will cover about a mile and a half of up and down terrain to learn more about these clues. Participants should wear good walking shoes. The trails are not stroller friendly.

Fee = \$4.00 /person Family max of \$20.00