

# Raven Hill Discovery Center —



—Where science, history and art connect

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Special outreach presentations at your site are available to classes, teachers, libraries, clubs, reunions, day cares and other organizations. Hands-on sessions for children and adults are available in the areas of science, history, or the arts. Programs cost **\$100 per hour, \$500 per day or \$300 per half day**. Contact Cheri Leach at **231.536.3369** or toll-free at **877.833.4254** or email Cheri at **info@ravenhilldiscoverycenter.org**. Limited matching funds are available. Please call for information. On site programs are also available including overnights. Outreach programs include, but are not limited to, the following:

Topic	Description
<b>Connections</b>	Science, history and art lessons are <b>hands-on</b> and right in the classrooms with kids. Teachers choose the activity they want, then they watch, participate & learn integrated <b>activities</b> to fit their curriculum. Schools design a travel schedule for Raven Hill to visit five or six classrooms in a day or provide a variety of lessons in one classroom. Kids and teachers benefit. Objectives correlate to the Michigan <b>Grade Level Content Expectation. NO</b> assemblies.
<b>Animals To Go</b>	Everyone's favorite. Opportunities are provided to learn about & pet or hold <b>exotic animals</b> , including snakes, lizards, spiders, birds and mammals. Observation and comparison skills are emphasized.
<b>Museum To Go</b>	<b>Hands-on Science "exhibits"</b> of motion, light, sound, machines, magnetism, life science and other areas of interest are set up and art and history connections are made as a classroom or library is turned into a hands-on museum for exploration. Museum To Go is geared for any age with developmentally appropriate activities from preschool through adult.
<b>History Alive!</b>	<b>Hands-on history activities</b> are brought on site from a <b>variety of time periods, such as pioneer, civil war, middle ages, ancient civilizations</b> and <b>ALL</b> with science links.
<b>Art To Go</b>	Art exhibits and hands-on activities can <b>travel</b> to a variety of sites to <b>promote</b> the ties between art and history and science through <b>informal educational opportunities</b> .
<b>Specials Groups</b>	Special Group visits are designed for any type of group at your site. A few examples are families, school groups, scout troops, clubs, organizations, religious groups, reunions, camps or any group you

	<p>want to put together! Families or friends can schedule Birthday Parties. Scouts and other youth activities to fulfill journeys, badges, patches, belt loops or pins. Choose a specific topic for exploration: natural dyes, handmade paper, lasers, Michigan geology, wheat weaving, useful plants or whatever. Groups can choose science, history, and art activities to fit their particular needs. Call 231.536.3369 to book a Group Activity – at your site. Fees vary according to the activities. On site group activities at Raven Hill are also available including overnights.</p>
<p><b>Professional Development Workshops</b></p>	<p>Combining professional development for Teachers, including materials kit for participants, AND <b>hands-on</b> science experiences for students, Pick a GLCE offers a “whole” teaching &amp; learning experience. Name the topics and the grades and we custom fit the activities and ideas. This program is available “On Demand” September to April. Raven Hill Discovery Center staff visits 5 or 6 classrooms at a school, spending 45 minutes to 1 hour per classroom on a Science Grade Level Content Expectation (GLCE) chosen by the teacher and modeled with the teacher’s students. Schedule a day of professional development for your school TODAY.</p>

**Raven Hill Discovery Center** is a regional science and technology center. It is located on 157 acres in a rural area of northwestern Lower Michigan adjacent to Little Traverse Conservancy’s Raven Ridge Nature Preserve. It is also a cultural, historical and art center. The overall goal of the Center is to build lifelong connections for children and adults that link science, history and the arts in a hands-on learning environment. Since 1992, Raven Hill Discovery Center annually has over 9000 visitors experience science and technology, history and the arts through hands-on exhibits and displays. Programs include school field trips, scout activities, summer day camp, adult enrichment classes, family days and professional development for teachers. The museum is also open to the general public. In addition, there thousands of contact hours with teachers and students in area classrooms, libraries, and kids’ clubs each year through the Center’s Outreach Program. Raven Hill is unique in northern Michigan. It draws regularly from a twelve-county area during the school year and from across the United States and the world during the summer tourist season. The Center is open year-round to the public, individuals, groups, and organizations.

**Cheri Leach** is founder, CEO and program officer of Raven Hill Discovery Center, a museum that builds connections for children and adults linking science, history and the arts in a hands-on learning environment. She has a major in biology and a minor in chemistry from Albion College in Albion, Michigan. She earned a Masters in Science Education through the University of Michigan in Ann Arbor, Michigan. In 1991 she was a National Science Teacher Association (NSTA) Exemplary Facilities Award winner. Also, in 1991, Cheri was an American Association of University Women Eleanor Roosevelt Fellow. She currently teaches graduate classes for teachers through Central Michigan University, as well as professional development classes and student classes at Raven Hill and through the Center’s Outreach programs. A science teacher since 1968 and a science workshop presenter since 1987, Cheri works as a mentor to both youngsters and teachers interested in the sciences and the connections to all other aspects of our lives.