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Raven Hill Discovery Center, incorporated in 1991,  
is a 501(c)(3) tax-exempt corporation.

Open year-round on weekends – noon to 4pm Saturdays and 2pm to 4pm Sundays.  
Between Memorial Day and Labor Day, hours expand to include weekdays from  
10am to 4pm. The Center is also open other times, including holidays, by appointment.

**MISSION:** to provide a place that enhances hands-on and lifelong  
learning for all ages by connecting science, history and the arts.

WHERE **SCIENCE****HISTORY****AND****ART** CONNECT

To: Raven Hill friends

From: Cheri

Date: April 12, 2025

Re: *HOT Project heats up*

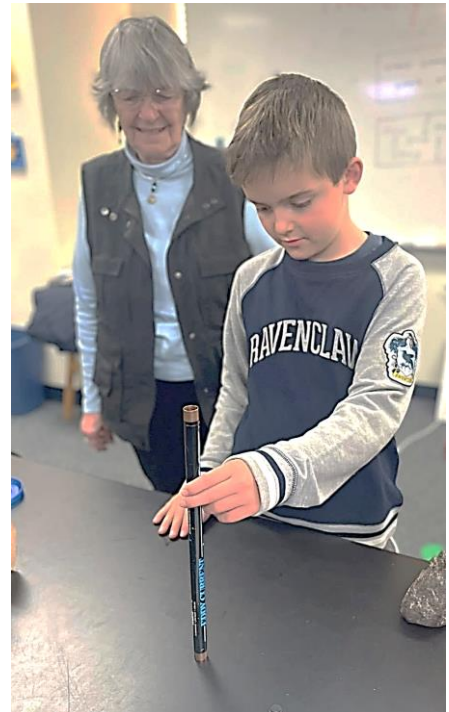
Raven Hill is thrilled with the response to the **HOT (Here Or There) Project**—our outreach and onsite program that gives teachers the power to choose how and where their students experience the magic of Raven Hill. From interactive classroom visits to immersive onsite field trips, this program is bringing science, history, and art to life for learners across the region. We've already received multiple requests, have a waiting list and are looking for additional funding!

On top of the world!



*What a beautiful day to be outside at Raven Hill exploring  
the pyramid in the Ancient World! East Jordan  
kindergarten students enjoyed the day inside & out.*

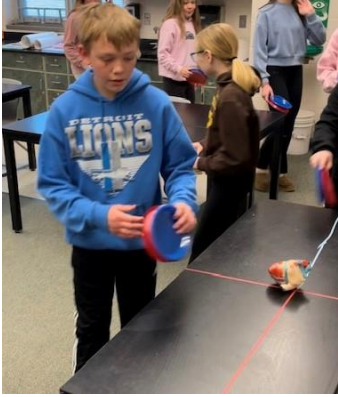
Eddy currents



*Seeing and feeling eddy currents is easy with  
a piece of copper pipe and a small magnet  
that fits inside. A non-magnet falls thru  
quickly, but the small magnet is slowed down  
by the eddy currents and takes a lot longer to  
fall thru the pipe!*

The **HOT Project** empowers teachers with flexible learning options, excites students through hands-on exploration, and strengthens Raven Hill's mission to build lifelong connections linking science, history, and the arts. By bringing engaging educational experiences directly into classrooms or welcoming students to our interactive exhibits, the **HOT Project** reinforces Raven Hill's commitment to fostering curiosity and learning for all ages.

### Circulation



*Every student holds a red & blue plate to represent red blood cells with & without oxygen. Students walked their cell through the body delivering oxygen and picking up carbon dioxide.*

This week was filled with several **HOT Projects**! Tuesday, it was all about magnets—how they work and how they’re used—in the East Jordan 3<sup>rd</sup> grade STEM classroom. Wednesday, Raven Hill spent the day in Harbor Springs Middle School, getting 7<sup>th</sup> graders excited about adaptation, while 6<sup>th</sup> graders explored circulation as part of their study of human body systems. Friday, East Jordan kindergarten students visited Raven Hill to explore the hands-on Discovery Room, learn about snakes, lizards and turtles in the Animal Room and discover the old-fashioned Schoolhouse, Treehouse, Music Garden, Jurassic Park and Ancient World outdoors. Whether Raven Hill comes to schools or classrooms come here, it’s truly each teacher’s choice, while providing unique learning experiences for students.

Thank you to Charlevoix County Community Foundation and to the Petoskey-Harbor Springs Area Community Foundation for funding the **HOT Project** and being part of the powerful story that we’re all building together, as we help make learning come alive for students.

### Placing the heart

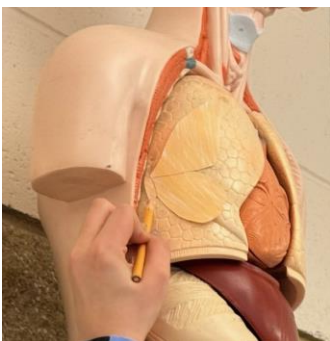


*The torso at Raven Hill helps visitors visualize and understand body parts and their location.*

Raven Hill Discovery Center is currently open for regular weekend hours, which are noon to 4pm on Saturdays and 2pm to 4pm on Sundays. To make an appointment for weekdays or other times, email us: [info@miravenhill.org](mailto:info@miravenhill.org) or call 231.536.3369, plus you can go online to our website: [miravenhill.org/learn](http://miravenhill.org/learn) to check out our classes and workshops, as well as upcoming events. Sign up soon and often! We look forward to seeing

Cheri

### Butterfly adaptation



*The lung on this torso was the perfect location to camouflage a butterfly as part of the adaptation activity with 7<sup>th</sup> graders!*

### Where's the butterfly?



*Pictured here is the “predator” (right), an unsuspecting principal, who was invited into the classroom to find butterflies to “eat.” The butterflies adapted by camouflaging themselves for survival.*

### Butterfly closeup



*Blending into its surroundings is a great way to adapt & survive.*

*7<sup>th</sup> graders did a great job of using “camo” on their butterflies which were “hidden” in plain sight all over the classroom.*