



# Raven Reports

## Halfway to Anywhere

Thanks to Charlevoix County and Petoskey-Harbor Springs Area Community Foundations, **Halfway to Anywhere: Living in Space** will bring a space environment into Charlevoix and Emmet County 5th grade classrooms, strengthening creative and critical thinking skills with challenging hands-on STEM/STEAM activities to simulate living in space. **Halfway to Anywhere** will explore the requirements for oxygen, food, water and shelter for living in the hostile environment on the moon or Mars, or perhaps even here on Earth. With funding in place from the two community foundations, Raven Hill staff will provide three lessons in each participating fifth grade classroom in the two counties. Students will understand photosynthesis and build a hydroponic system as a source of food and oxygen; simulate a recycling system to purify and reuse water; and build a shelter for living in space. **Halfway to Anywhere** will help prepare students to solve the problems associated with *Living in Space*. For more information or to register a 5th grade classroom, call Cheri at 231.536.3369 or email [info@miravenhill.org](mailto:info@miravenhill.org).



This summer, Raven Hill will feature:

## To the Moon and Beyond

July 20th of this year is the 50th anniversary of man's first landing on the moon, so we are planning to celebrate. Raven Hill is hard at work organizing some exciting events for July, including a Space Exhibit and a variety of other space-related events, like an Eggdrop to simulate the lunar module landing on the moon's surface and possibly a shot at the Guinness Book of World Records with a "Man to the Moon" challenge. **To the Moon and Beyond** is a chance to highlight the science of space and its historical and cultural impact on man. For more information or to volunteer, please call Cheri at 231-536-3369 or email [info@miravenhill.org](mailto:info@miravenhill.org).

Left: View of Space X, a commercial rocket, launched from Vandenberg Airforce Base in California. Photo by Thor Leach, October 2018.

# Coming Events & Save-the-Dates

With a foot in the past and an eye to the future, Raven Hill is ramping up for 2019. Several major events loom on the horizon, so watch for more information and get ready for an exciting summer and fall at Raven Hill.

## Third Coast Conversations: Talking all things "WATER"

In June, Raven Hill will host a series of **Third Coast Conversations** that will focus on the cultural, social, historical, and environmental factors that connect Michigan's people to their water. The project is sponsored by the Michigan Humanities Council and is taking place during 2019 and 2020 in 20 communities statewide. The Center will focus on the role of water in shaping Michigan's human history and its future. If you are interested in your group being a part of this vital conversation, please call Cheri at 231-536-3369 or email [info@miravenhill.org](mailto:info@miravenhill.org) to set up a time and date for your **Third Coast Conversation**.



## Get Active in August

August is the month to **Get Active** at Raven Hill! Join us for a variety of active events each weekend, starting with Raven Hill's annual **5k Raven Run** on Saturday, August 3rd and the second annual **Pedal, Pig and Pint Bike Event** on Sunday, August 4th. Other opportunities to **Get Active** in August include a fun bike race, yoga sessions, obstacle races and more for kids of all ages!



## Special Fall Exhibit: GENERATIONS

In September of 2019, Raven Hill will host a **Generations** exhibit. Northwestern Lower Michigan has a rich history of small towns and villages that grew and changed as lumber, agricultural products and the industrial riches of this area were connected through railroads and new roads to more urban areas "downstate." Resort, vacation, sport fishing and skiing businesses followed, further expanding the lure of this area – a region blessed with Lake Michigan, inland lakes and rivers and numerous forests. More recently, the area has become home to orchards, breweries and wineries, bringing the area full circle back to agriculture. Like the Smithsonian's Museum on Main Street, **Crossroads: Change in Rural America**, Raven Hill Discovery Center's **Generations** is a chance to highlight for the community the importance of northern Michigan's history through a collection of stories, artifacts, exhibits and structures to be treasured and shared. It is also a time to encourage discussions about the present and future of northwestern Lower Michigan and share conversations about how people are working hard to maintain their small town's pride, culture and "rural" lifestyles, as well as maintain the surrounding natural resources and beauty of this "neck of the woods." Anyone interested in sharing their family or town history and culture is invited to participate. For more information or to serve on the **Generations** committee, please call Cheri at 231-536-3369 or email [info@miravenhill.org](mailto:info@miravenhill.org)

## Save-the-date for these events at Raven Hill

### Raven Hill's Discovery Camps

Science Camp: June 24 to 28

Art Camp: July 8 to 12

Nature Lover's Camp: July 22 to 26

History Camp: August 5 to 9

### Luke Buck Watercolor Workshop

Thursday, June 27th and Friday, June 28th from 10am to 3pm each day

### Summer Magic Family Festival

Saturday, July 27, 2019

4pm to 7pm

For more information or to register for any of these events, please call Cheri at 231-536-3369 or email [info@miravenhill.org](mailto:info@miravenhill.org)

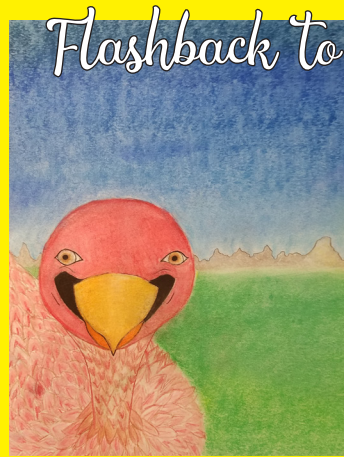






## Multi-talented!

Former summer staffer, **Trent Graham**, finishes up a utensil rack for Raven Hill's kitchen. In addition to working at Raven Hill, Trent continues as youth liaison for the Raven Hill Board of Directors and is always willing to do little welding projects here!



## Flashback to our Past

**Claire Scholten** of Charlevoix Middle High School was one of several Charlevoix and Emmet County student artists to have work displayed as part of the **Visions Project** in the ET Building at Raven Hill. She envisioned the Gastornis, a two-meter tall bird from the Eocene, using colored chalk pastels. Don't worry, Gastornis was an herbivore! The Visions Project was a 2018 grant award from the Charlevoix County and Petoskey-Harbor Springs Area Community Foundations.

## PARK AND RIDE



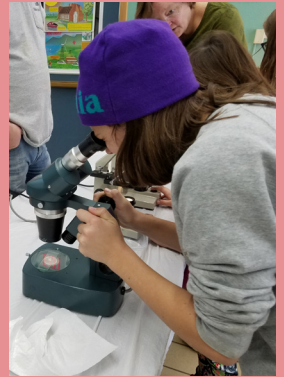
For those of you who don't like **THE HILL** in the winter, there's a new option! Just park in the turnaround at the base of the hill and call **231.536.3369** for a ride. We'll be glad to come pick you up, so you can enjoy Raven Hill, whatever the weather!

## STEAM Academy for Girls (SAG)

Three more sessions left! Sign up for the second Saturday in February, March and May. Then join us here at Raven Hill Discovery Center to learn about a variety of STEM and STEAM careers.

**SAG** is open to local girls from second grade through middle school and is sponsored by the Hestia Women's Circle of Giving.

Call 231-536-3369 or email [info@miravenhill.org](mailto:info@miravenhill.org) for more information or to register.



## Ready and Waiting



**Dave Stolt** decided a Fire Circle would be a good addition to Raven Hill, so he showed up with log benches and tables! Now all we need is a fire ring and we'll be good to go! Thanks, Dave, for thinking of Raven Hill!

## Come Quick!



Fifty pounds of brand-new shiny washers replaced the old ones on the magnet table! **Come play, before the zinc oxide makes your hands black!**

## All Work and No Play?!



Day Two of the November **NASA Educator Workshops** at Raven Hill included work/play time with Spheros, a spherical robot toy, capable of rolling around, changing colors, running programs and being controlled by a student or teacher with a smartphone or tablet.

**Who says teachers can't have fun too?!**

## FREE SECOND SATURDAYS CONTINUE

Since 2010, **FREE Second Saturdays** have entertained local families from the area. Mark your calendars for the second Saturday of each month in 2019 and come play in the hands-on museum, hold some animals and explore the outdoor exhibits. **FREE** means **Families Reaching for Educational Excellence AND FREE** admission for families. No groups please. For more information or to sponsor a day, call 231-536-3369 or email [info@miravenhill.org](mailto:info@miravenhill.org)

Eleanor Roosevelt said, "The future belongs to those who believe in the beauty of their dreams."

If you want to help shape the future, become a Raven Hill Board Member or inquire about Planned Giving. Call Cheri at 231.536.3369 or email [cheri@miravenhill.org](mailto:cheri@miravenhill.org) for more information.

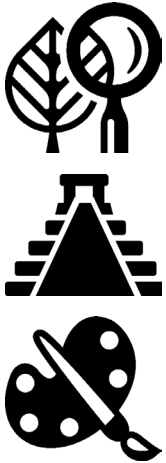
## Interested in volunteering?

Join us the first Monday of the month for our volunteer workday & potluck. 10 am - 12 pm with lunch at noon



4737 Fuller Road  
East Jordan, MI 49727  
www.MiRavenHill.org

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RETURN SERVICE REQUESTED

## Raven Hill Memberships

Includes one year admission, newsletter subscription, invitation to receptions and special events, 10% discount on gift shop items and classes.

**Individual** \$45: Admission for one member + 1 guest pass

**Family** \$95: Admission for a single household up to two adults and all children + 2 guest passes.

**Grandparents** \$115: Admission for 2 adults and all grandchildren + 2 guest passes.

**Generations** \$155: Admission for 3 generations of a family + 4 guest passes.

### Annual Fund Members

**Discovery Circle** \$250 - 2 members, 2 guests for any visit & all children.

**Sponsor Circle** \$500 - Discovery Circle PLUS the opportunity to sponsor\* a day of free admission at Raven Hill.

**Raven Circle** \$1000- 2 members and unlimited guests PLUS the opportunity to sponsor\* day(s) at Raven Hill.

\*Your business information will be prominently displayed on-site and online on your selected day(s). Please let Raven Hill know your choice of day(s).

Contact us at [info@miravenhill.org](mailto:info@miravenhill.org) for more information or a membership form. Or donate online at [www.MiRavenHill.org/donate](http://www.MiRavenHill.org/donate)

Where science, history & art connect for all ages.



Raven Hill Discovery Center is supported in part by the Michigan Council for Arts and Cultural Affairs and the National Endowment for the Arts through a 2019 Operational Grant Award.



Contact Us:

[www.MiRavenHill.org](http://www.MiRavenHill.org)

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4737 Fuller Road | East Jordan, MI 49727

~ Winter Hours ~

Saturday 12 - 4 pm

Sunday 2 - 4 pm

and always by appointment!

Call ahead for winter road conditions.