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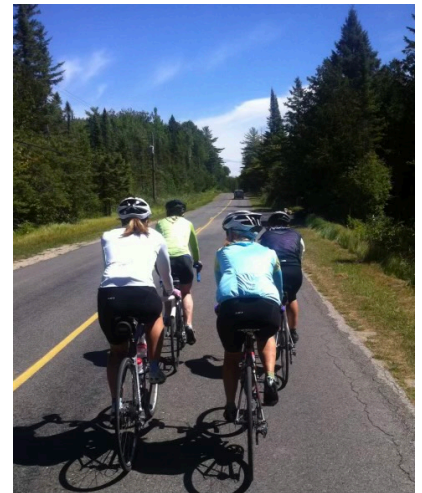
Mission: Raven Hill provides a place that enhances hands-on and lifelong learning for all ages by connecting science, history & the arts.

To: Friends and Family everywhere
From: Cheri and Raven Hill
Date: July 10, 2021
Re: Weekly Update

Choose Your Wheels! Mark your calendars for the third annual Pedal, Pig, and Pint Bike Tour, Sunday August 1, 2021, in Boyne City, Michigan. Riders of all ages and levels are welcome to enjoy this self-paced bike touring event.

NEW THIS YEAR - Raven Hill Discovery Center www.miravenhill.org and the Top of Michigan Mountain Bike Association (TOMMBA) www.tommba.org are collaborating to bring you the opportunity to **Choose Your Wheels**. Enjoy beautiful miles of wooded mountain bike trails or a scenic paved route around Lake Charlevoix, while supporting two exceptional non-profit organizations striving to enhance outdoor experiences in the area. Stiggs Brewing Company in Boyne City has generously offered to support this event with a Pig Roast, Pint and festive atmosphere for relaxing after the ride. All riders start at Veterans Memorial Park in Boyne City and finish with a celebratory lunch at Stiggs Brewing Company.

Road cyclists can opt for a scenic, paved trail between Boyne City and Boyne Mountain in Boyne Falls, or the 42-mile tour along the north shore of Lake Charlevoix to the Lake Michigan shoreline trail, then on to the Ironton Ferry & back to Boyne City along the south shore of Lake Charlevoix. Trail riders can choose from a network of beginner to advanced riding trails at Boyne School Forest Trails or the Avalanche Multi-Use Trails. Advanced mountain bike cyclists might challenge themselves by combining both trails and the distance between them.



The Pedal, Pig, & Pint Bike Tour allows participants to choose between road and mountain biking OR do both! Which would you choose?



*This is not really a bicycle built for two, but these sisters made it work!
Sisterly love personified!*

“This is the only combined mountain and road bike event in the region,” explained TOMMBA spokesman, Mike Labadie. “Whatever your choice of wheels, it will be a beautiful ride, and a great way to explore the area and support two great organizations.” Top of Michigan Mountain Bike Association is dedicated to creating, enhancing, and preserving great trail experiences in Northern Michigan. Raven Hill Discovery Center provides hands-on experiences that connect science, history and the arts for all ages.

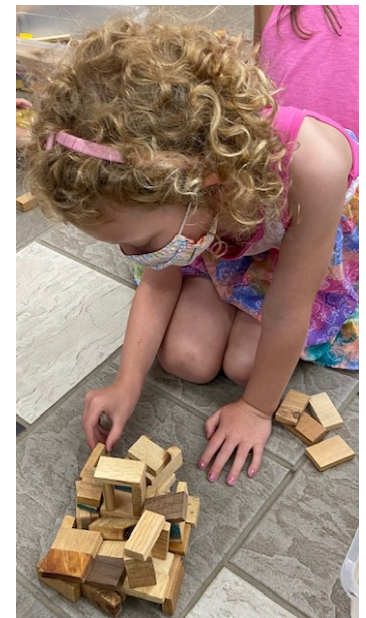
Register online at www.bikereg.com or at Veterans Memorial Park, 319 N. Lake St. in Boyne City, beginning at 7:30 a.m. until 10:00 a.m. Registration includes an event bike shirt, lunch and a pint at Stiggs, a free admission pass to Raven Hill Discovery and acknowledgement for your support of these two amazing non-profit organizations. \$50.00 for an individual, \$100 for families (up to five related family members), and \$25 for a child (under 15), when

accompanied by an adult. Wristbands will be distributed at registration and are required for lunch and a pint at Stiggs Brewing Company, 112 S. Park St., Boyne City, www.stiggsbrewingcompany.com. If you have additional questions concerning the ride or would like to be a sponsor, contact Holly Sasso (517) 231-3341 or Michael Labadie (616) 304-5758.

This week was a blur at Raven Hill Discovery Camp as participants explored a variety of engineering careers. They investigated slime as chemical engineers; built roads as civil engineers; explored catapults, boats, magnets & machines as mechanical engineers; as well as launching rockets and designing & testing egg capsules as aeronautical engineers. A visit to Raven Hill's Ancient World allowed campers to see the amazing engineering feats of the Egyptians, Romans and Easter Islanders.



Civil engineers, Lainey & Ryder, test their roadway with a golf ball "vehicle"! Curves are always problematic— for real or at play!



Domino-shaped pieces work great for building houses as Sydney demonstrates.



John Clements uses his extensive knowledge, experience and skills to create the Solar Station. John also set up his 3D printer in the Energy House and used solar energy to power it. He demonstrated this exciting technology for the STEM campers.

Work continues on the Connections Trail with a preview and ribbon cutting **tentatively** scheduled for Friday, July 23rd. Stay tuned for more details. Meanwhile, S&C Painting provided the labor to paint all twelve panels along the Connections Trail. Near the Alternative Energy House, the Solar Station now has a solar panel installed that powers lights. Thanks to John Clements, visitors will soon be able to cover and uncover the solar panel to turn a small bank of lights off and on! In addition, the Weather Station is partially complete thanks to John. This week, Dave Clapp donated a variety of "tree cookies" for counting annual rings at the Tree Station.

(Right) If I counted the tree rings correctly, this tree was about 35 years old. The tree's annual rings can tell a lot about the good years and the bad years in the life of that tree.



Don't forget that over the summer, Raven Hill is open daily! Regular hours are noon to 4pm on Saturdays, 2pm to 4pm on Sundays, 10am to 4pm weekdays and other times by appointment. We have been busy every day with families coming to explore indoors and outside! You can email info@miravenhill.org or call 231.536.3369 with any questions you might have. For the sake of the children, we continue ask everyone to mask up inside.

Come visit soon!

Cheri