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

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: February 19, 2022
Re: Fish

Greetings, Everyone!

Kids love watching the fish in the Animal Room and I love watching them watch the fish! Of course, Nemo is everyone's favorite, thanks to the movie of the same name. So today, as the little ones helped me feed the fish, Raven Hill's fish art began to catch my eye. From there, memories of counting fish populations with middle school students and fish art workshops in clay and copper came to mind. Below, is just a smattering of the fish science, history and art as found at Raven Hill.



Replica cave painting of fish on limestone



Four-foot square drawing of prehistoric fish done in pencil



If you look carefully, you can see "our" Nemo peeking out from the corals.



Northwest Indian style salmon carved of spruce



Boney-plated fish of the Devonian Period painted on cedar



Since 1993, Raven Hill has collaborated with Charlevoix-Emmet Intermediate School District to provide hands-on career experiences in science for middle school students. For the Fisheries session, the pond gets stocked with minnows, some with clipped fins. By netting a sample of fish & figuring out the percentage with fins clipped, students learn to estimate population size.



Artist Kelly Boyle led a community mural painting workshop as part of the Smithsonian **Water/Ways** exhibit in 2018. About 30 participants helped to paint these fish, along with other water plants & animals. The murals are on display near the viewing platform on Deer Creek.



Roll out some clay. Make two fish. Pinch edges together and stuff with wads of paper. Low fire, glaze for color & high fire. See example below!



This summer, when you walk through Jurassic Park, you will find prehistoric fish of clay, stone and wood!



One of the workshops offered during the **Water/Ways** exhibit was Copper Fish! Ed & Diane show off their fish. Several copper fish are on display at Raven Hill. The rest went home with their creators!

Enjoy checking out all the fish next time you visit the Center! Currently, Raven Hill is open to the public noon to 4pm on Saturdays and 2pm to 4pm on Sundays, plus any other time by appointment. You can call 231.536.3369 or email info@miravenhill.org for reservations. Think about scheduling a field trip, birthday party or a scout group soon. The Smithsonian **Labor Days: History of Work** exhibit also remains on display during regular hours or by appointment. Again as a reminder, we continue to ask visitors to mask indoors for the sake of the vaccinated and the unvaccinated. We look forward to your visit!

Cheri