

NEWTON'S

Driving STEM learning

**STEAM Activities | Ice Skating** Free Hands-on Fun for All Ages!

Saturday, February 11

# Come Join Us!

### Newton's Road Community Pop-Up Event

Join us on the road for STEAM activities, Ice Skating, and more! Explore and dive into various STEAM activities that will be set up by local organizations such as the Antrim Conservation District, Elk Rapids District Library, The Dam Shop & Truck, Newton's Road, and Howl at the Loom. Stop by and make a nature crown, try out different STEM Kits, use salt, sugar and sand to talk about how ice melts, learn to weave and its connection with coding, or make catapults and levers!

#### View our Facebook Event →

ERHS

Student Club Volunteers





ELK RAPIDS HOW AT THE LOOM

### Great Lakes Children's Museum Mini-Maker Fest

Join our Mini-Maker Fest Pop-Up on Friday, February 24th from 5:00 to 7:00 PM. Capacity is limited so reservations are strongly encouraged. This is a free event put on by the STEAM/Makers Alliance of Northwest Michigan. It is hosted by the Great Lakes Children's Museum and presented in concert with Newton's Road, the Traverse Area District Library – Youth Services, 4H, Challenge Island, Arts for All, the GT Butterfly House and Bug Zoo, Inland Seas Education Association, and the Grand Traverse Conservation District.

### STEAM/Maker Passport

Pick up and get a stamp on your 2023 STEAM/Maker Passport at any of our participating STEAM/Maker Alliance member events. HINT: there are many events in this newsletter!

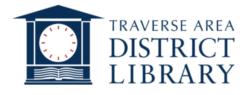
### Print or Download Your Passport →



### An Evening with Tony England Thursday Feb 9

TONIGHT! Reserve your spot to learn more about space flight from Tony England, scientist and engineer turned astronaut. This FREE event presented by EAA Chapter 234 features first hand experience from England's NASA missions, including Apollo 13, Apollo 16, and more!

#### Follow the EAA 234 on Facebook →



### STEM Mondays at TADL

STEM Monday is STEM fun day! Learn about STEM (Science Technology Engineering Math) concepts with hands-on STEM experiments to create a layered experience for all learners. This program is primarily designed for ages 6 - 12, though younger learners may attend with a caregiver.

#### View TADL Calendar →

Reserve your FREE tickets! →



### **COGNITION Snow Day** Camp for age 6 - 13

How it works: Sign up and your tuition covers the next 2 school snow days. Come from 10am (or whenever you can safely arrive) to 4pm. Pack a lunch and snow gear. Healthy fun snacks are provided! Cost for 2 days of camp is \$90 or \$80 for members, 20% off for additional children.

#### Learn More →



### Needed: Student Pitch **Competition participants**

Newton's Road is seeking at least one more high school class/program/club to participate in the Northern Michigan Startup Week Student Pitch Competition! Students will learn the engineering process and receive mentoring on how to pitch their ideas, culminating with 5 teams representing each participating organization competing for the best idea/pitch combination. This year's theme is Water Innovations. Interested? email ContactUs@newtonsroad.org

#### Learn more about Start Up Week →





### Newton's Road visits LIFT Teen Center

Middle school students at LIFT created a giant windball using Makedo tools and 3D printed screws. Special thanks to Northwest Ed REMC for letting us borrow the Makedo Kit.

#### Read more here →

### STEM Kits on the Road!

Kalkaska Middle School invited us to join their Exploratory Wednesday sessions. Our hands-on STEM learning incorporated variety of activities that changed each time we came! Kalkaska MS started Exploratory Wednesdays to increase attendance and participation.

9&10 News Exploratory Wednesday →

### January Impact100 TC Site Visit

Newton's Road was thrilled to provide Impact100 Traverse City members a hands-on their communities. The Rock of Kingsley afterschool program and the TADL Kingsley Branch Library were excited for the opportunity to meet Impact100 members and







### Save the Date for TADL MakerFest 2023! April 29

Join us at the Civic Center outside to celebrate STEM in our region!

Learn more about MakerFest 2022 →



### Northwest Education Services

### Get a Step Ahead with North Ed Early College

If you'd like to work towards a college degree or certificate, North Ed Early College offers college opportunities to hard-working high school students. Earn up to an associate degree while completing high school requirements and learning indemand industry skills at North Ed Career Tech. Get all the details about the benefits of North Ed Early College and how to begin the application process at their upcoming informational meetings.

#### Learn More →





### Valentine's Day STEM

Check out these activities and explore some of your own!

### Valentine's Day STEM Activities ->

BUSINESSES: Initiate your Employer Profile by filling out this survey!

Northwest Michigan Works! supports businesses with paid internships and apprenticeships.



### Need: More Employers connecting youth to high indemand careers they hire

The Career Investigator for Northwest Michigan now has nearly 40 employer profiles connected to nearly 100 careers. Through our partnership with Michigan Works, we plan to reach our goal of at least two employers per career. This will give students and young adults a unique vantage point about the HOT career opportunities in Northern Michigan.

View our Employers or Submit Your Employer Profile Application →

## Newton's Road Column

Read our bimonthly Newton's Road column in Families First Monthly! Each column introduces a topic and includes ideas for related home- and community-based activities for different-aged kids Read our latest column from February 1.

FAMILIES FIRST MONTH

Read our Newton's Road column →

**Donate Now** 

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Visit newtonsroad.org for more STEM Ideas or to learn how to volunteer with STEM in the area.



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