



After School Science & Engineering Classes

6 sessions ~ 4:00-5:30 pm

January 20 - February 28

Hands-on explorations taught by Michigan Tech science & engineering students & staff. All classes meet in 104 Great Lakes Research Center (GLRC) at Michigan Technological University.

Gr. 1-2 *Spy Camp!*

TUESDAYS

Kids become secret agents in this hands-on series of STEM inspired activities. Write secret messages with invisible ink, match fingerprints, decipher codes and build a "laser beam" obstacle course!

Gr. 3-5 *It's Snow Interesting: The Science of Snow* **MONDAYS**

Students will explore what makes the winter wonderland around us, with activities in the classroom and outdoors. Young scientists will learn what it takes to make a snowflake, if there really are no two alike, what causes avalanches and how people and animals survive in extreme cold. Students should be prepared to go outside to retrieve snow samples and participate in winter activities for roughly an hour.

Gr. 6-8 *Investigating Chemistry*

WEDNESDAYS

Find out how cabbage can be used to measure the pH (acidity) of liquids. Explore density by making secret formulas, solving puzzling scenarios, and a liquid layering challenge. Figure out where the pollution in groundwater is coming from, and use chromatography to solve the mystery. See how chemistry is a part of our everyday lives!



**Great Lakes
Research Center**
Michigan Technological University

**Center for
Science &
Environmental
Outreach**

Michigan Tech University

Cost: \$95/student Register by Thursday, January 16

Register online: [2020 Winter Registration](#)

Pay: [Payment Link](#)

(Your space is not reserved until payment has been received. Minimum of 10.)

Questions? Call 487-3341 or email: jchadde@mtu.edu

Houghton Elementary/Middle School bus will drop off students by 3:45 pm

Transportation to MTU will be provided by Lamers at no additional cost!

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Coordinated by Michigan Tech Center for Science & Environmental Outreach