



Ride the Waves with GM



a collaboration between General Motors and the Michigan Tech Great Lakes Research Center

Great Lakes Investigations Aboard Michigan Tech's Research Vessel *Agassiz* May- August 2017 for Students in Grades 4-12 ~ Fun! FREE! Educational!

Ride the Waves with GM invites Copper Country youth in Grades 4-12 to join scientists from Michigan Tech's *Great Lakes Research Center* in the exploration of Lake Superior, Portage Waterway and Torch Lake. There are 4 programs to choose from—**each ~4 hours in length**—that will accommodate up to 18 youth and chaperones:

- ♦ **Aquatic Food Web & Lab Investigation** (1.5 hours lab; 1.5 hours *Agassiz*)
Investigate water quality and collect samples to examine in the lab to find out "How Do You Make A Lake Trout?" *All ages.*
- ♦ **Mine Waste Remediation & Torch Lake Restoration** (2 hrs land; 2 hrs *Agassiz*)
The history of the "Copper Country" is explored 'by land and water' as students visit historic copper milling sites, reclaimed mine waste sites, and the bottom of Torch Lake. *Ideal for Grades 6-8 students.*
- ♦ **Navigation Exploration** (2 hours classroom; 2 hours *Agassiz*)
Students use chart dividers and compasses to determine the *Agassiz*'s position on a navigational chart and then navigate the *Agassiz* to a new location. Students will use algebra to determine the accuracy of their navigation. *Ideal for Grades 8-12 students.*
- ♦ **Lake Superior's Ring of Fire** (4 hours *Agassiz*)
Explore an area in Lake Superior where the shrimplike organism *Diporeia* is up to 20 times *more abundant* than in any other part of Lake Superior! Why does it prefer this habitat? How does this affect the Lake Superior food web? *Ideal for Grades 9-12 students.*



For online reservations: [RTW 2017 Registration](http://wupcenter.mtu.edu/)
or go to: <http://wupcenter.mtu.edu/>

For more Information, call:
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