

Resources Page:

Information on the Independence and Liberty Bridges:

<http://www.baycitymi.org/departments/public-works-department/bridge>

<http://www.baycitymi.org/departments/public-works-department/bridge/item/311-bay-city-bridge-history>

Information on the USS Edson

http://ussedson.org/index.php?module=sitebuilder&sitebuilder_id=2

http://ussedson.org/index.php?module=sitebuilder&sitebuilder_id=3

Knots:

<http://www.animatedknots.com/indexboating.php> this is an animated webpage of several knots (extras that we don't teach on a sail...but could)

Navigation:

<http://www.southernfriedscience.com/?p=7827> Celestial navigation

<https://sites.google.com/site/michaelhammondhistoryofscience/project/chip-log> How to use a chip log

<http://www.schoolofsailing.net/unlocking-the-chart.html> How to use/read charts

<http://www.schoolofsailing.net/aids-to-navigation.html>

<http://www.schoolofsailing.net/true-and-magnetic.html> compass and compass rose

Buoyancy:

<http://www.pbs.org/wgbh/nova/lasalle/buoybasics.html>

http://www.seaperch.org/article?article_id=313

Information on Simple Machines

<http://www.mikids.com/Smachines.htm>

<http://www.cosi.org/downloads/activities/simplemachines/sm1.html>

Weather:

<http://www.weatherwizkids.com/weather-wind.htm> Wind

<http://www.weatherwizkids.com/weather-clouds.htm> Clouds

<http://www.weatherwizkids.com/weather-climate.htm> Climate

Forces in Sailing:

<http://www.schoolofsailing.net/true-and-apparent-wind.html>

http://ffden-2.phys.uaf.edu/211_fall2002.web.dir/josh_palmer/basic.html

Chapman's Piloting and Seamanship (located in the office)

Plankton:

http://www.dnr.state.mn.us/aquatic_plants/algae/plankton_algae.html

<http://www.st.nmfs.noaa.gov/plankton/intro/why.html> Plankton and the food chain

<http://earthobservatory.nasa.gov/Features/Phytoplankton/page2.php>

<http://www.who.edu/science/B/people/kamaral/plankton.html> Types of plankton

<http://www.glerl.noaa.gov/pubs/brochures/foodweb/LHfoodweb.pdf> Lake Huron food web

Water Quality/Chemistry:

<http://water.usgs.gov/edu/phosphorus.html> Phosphorus in water

<http://water.usgs.gov/edu/nitrogen.html> Nitrogen in water

<http://water.usgs.gov/edu/dissolvedoxygen.html> Information on dissolved oxygen

<http://water.usgs.gov/edu/turbidity.html> Turbidity

<http://water.usgs.gov/edu/ph.html> pH

<http://water.usgs.gov/edu/earthgwquality.html> Information about groundwater and contamination

Benthic:

<http://www.lakeaccess.org/ecology/lakeecologyprim9.html> Information on the lake zones and the organisms that live there

<http://clean-water.uwex.edu/pubs/pdf/riverkey.pdf> Key to aquatic macroinvertebrates

<http://wupcenter.mtu.edu/education/stream/Macroinvertebrate.pdf> Macroinvertebrate indicator

Invasive Species:

http://www.michigan.gov/dnr/0,4570,7-153-10364_52261_54896-232231--,00.html

<http://www.miseagrant.umich.edu/publications/fact-sheets/aquatic-invasive-species/>

<https://www.nwf.org/Wildlife/Threats-to-Wildlife/Invasive-Species/Invasive-Mussels.aspx>

Zebra/Quagga mussels

<http://www.glfc.org/sealamp/> Sea Lamprey

http://www.seagrant.umn.edu/ais/rustycrayfish_invaser Rusty Crayfish

<http://www.seagrant.umn.edu/ais/ruffe> Eurasian Ruffe

Wetland:

<http://www.defenders.org/wetlands/basic-facts>

<https://www.nwf.org/Kids/Ranger-Rick/Animals/Mixture-of-Species/What-Is-A-Wetland.aspx>

<http://www2.basd.net/technology/STEEP/Environment/4.1/wetland%20metaphors.htm> The actual wetland metaphor lesson (there is one in the bucket of materials as well)

Watershed:

<http://www.saginawbaywin.org/> Information on the Saginaw Bay Watershed

<http://watersheds101.ca/learn-about-watersheds>

Marine Debris:

<http://marinedebris.noaa.gov/discover-issue>