Great Lakes Maritime Transportation Lessons for K-12
(Mathematics, Language Arts/Reading, Social Studies, Science)

Table of Contents

1. Keep Your Boat Afloat? (Kindergarten science/math)
   By Susan Katt, Pewaukee Lake Elementary School (WI)

2. What Can You Do With a Great Big Lake (Gr. K-2 social studies)
   By Paul Zuiker, Crescent Elementary School (WI)

3. Promote Your Laker!! (Gr. 6 social studies)
   By Kathy Trakul, Lincoln Northfield Middle School (MI)

4. Comparing Transportation Choices: Shipping v. Rail v. Trucking? (Gr. 6-8 science)
   By Kathy Keeney, Lombardi Middle School (WI)

5. To Dredge or Not to Dredge? (Gr. 7-8 science)
   By Cindi Wallendal, Lombardi Middle School

6. Edmund Fitzgerald (HS science)
   By Amy Rose, substitute teacher (MI)

7. Water Molecules of the Great Lakes (HS chemistry)
   Bill Katt, Wauwatosa East High School (WI)

8. Invasive Species Moving INTO and OUT OF the Great Lakes (HS biology)
   By Lisa Bircher, East Palestine High School (OH)

9. Balance & Ballast Water (HS Special Education)
   By Pat Murphy, Fraser High School (MI)

10. Ballast & Invasive Species on the Great Lakes (HS Science)
    By Naomi Ojala, substitute teacher (MI)

11. Name That Invasive Species (HS biology)
    By Mary Murphy, Stevenson High School (MI)

12. Cost Benefit Analysis of Transportation Alternatives in the Great Lakes (HS or college)
    By Dr. Harry Bircher, Youngstown University (OH)