

Supporting Project WET Activities for “Day in the Life” Field Studies

Driving Question: How does the water at our study site affect the water quality of Lake Erie and/or the Niagara River?

Introduction to Watersheds

Supporting Questions: Where does our water go?

- Seeing Watersheds (pg. 187)
 - Grades: Upper Elementary, Middle School, can be modified for High School
- Additional Resources:
 - Introduction to Watersheds Bin from Reinstein Woods
<https://sites.google.com/reinsteinwoods.org/workshop-resources/home>
 - River Runner <https://river-runner.samlearner.com/>
 - Model My Watershed <https://modelmywatershed.org/>

Preparing for the Field Study

Supporting Question: What can we learn from our field study? How will our data compare to data upstream or downstream? What animals may live in the waterway and what can they tell us about water quality?

- A Snapshot in Time (pg. 377)
 - Grades: Middle School, High School
- Water Quality? Ask the Bugs! (pg. 421)
 - Grades: Middle School, High School
- Macroinvertebrate Mayhem (pg. 343)
 - Grades: Upper Elementary, Middle School
- Additional Resources
 - Macroinvertebrates.org

Human Impacts: Problems and Solutions

Supporting Question: What is the land use at our site? How does land use affect water quality?

- Color Me a Watershed (pg. 241)
 - Grades: Middle School, High School
- Sum of the Parts (pg. 283)
 - Grades: Upper Elementary, Middle School
- Storm Water (pg. 395)
 - Grades: Upper Elementary, Middle School, can be modified for High School
- Additional Resources
 - Model My Watershed <https://modelmywatershed.org/>
 - To see the land use/cover for your site: Under the “Layers” box on the map, choose the grid tab/icon, and choose Land Use/Cover 2019

Project WET Portal: <https://portal.projectwet.org/>

Your unique code is located inside your book cover