

Monday — Designing Solutions for Modern Watersheds

Quarter 3 · Week 27: Quarter 3 Synthesis & Stewardship Action Plan

STANDARDS 5.NF.B.4 · 5.NF.B.7 · 5.MD.C.5 · RI.5.6 · W.5.1 · W.5.7 · 5-ESS3-1

SOCIAL STUDIES

Students map the migration patterns and water usage of the Anishinaabe people to understand historical stewardship of the St. Lawrence River.

Materials & Prep

- world map / hemisphere map
- social studies notebook
- primary source excerpt
- wall map or atlas

MATH

Students calculate the total cubic volume of their classroom watershed models by applying the formula $V = l \times w \times h$ (5.MD.C.5).

Materials & Prep

- math notebook
- pencil + eraser
- scratch paper
- snap cubes (24+ per pair)
- stream table or watershed model kit

ELA

Students finalize their citizen-action research reports by evaluating different points of view regarding Great Lakes conservation in 'The Death and Life of the Great Lakes' (RI.5.6).

Materials & Prep

- anchor text or copies
- vocabulary log
- writing notebook
- current-events article

SCIENCE

Groups design a miniature filtration system using sand and gravel to demonstrate how human activities impact groundwater quality (5-ESS3-1).

Materials & Prep

- science notebook
- pencil
- lab safety reminder