

Fletcher Waterways ~ Unit Overview

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Essential Question: **How does our community affect the waterways in Fletcher, Vermont?** ([Birds Eye View](#))

Enduring Understanding: We are nestled in a complex web of waterways and everything we do affects water and water affects us.

We are located in a small, **rural farming community** ([Site of Engagement](#)) where every action or non-action has created an impact on the areas waterways.

As indicated by our essential question, we are interested in getting our students interested in and aware of how humans impact our natural resources, specifically water.

This unit focuses on students learning that what happens in our small area has an impact that spreads within the Lake Champlain Basin. Throughout this unit students will learn that what happens in our small area impacts the Lake Champlain Basin.

This unit provides rich, meaningful opportunities for students to engage in and connect personally to the importance of our Fletcher community and how student learning will connect to FWSU's Action Plan, NGSS, ELA and Math Standards.

Standards Addressed in this unit include:

NGSS Standards	ELA Standards	Math Standards
5-ESS2-1	RI.5.7, SL.5.5	5.G.A.2
5-ESS3-1	RI.5.1, RI 5.9	
5-PS2-1	W.5.8, W.5.9, W.5.1	

District Action Plan Targets addressed:

Target 1- Student-Centered Learning

FWSU Students will engage in personalized learning involving collaborative inquiry, problem solving and creative learning opportunities

Target 2- Leadership in a Student Centered Learning Environment

FWSU will foster development of teacher and student leaders who provide innovative opportunities for local and global student-centered learning.

Target 3- Flexible Learning Environments

FWSU will maximize flexible learning environments by redefining the school day, promoting learning experiences that extend beyond the school classroom, and fostering creativity, innovation and differentiated learning opportunities for all.

