

The Lamoille River (Unit Overview)

Essential Question: **How do humans impact the water quality of the Lamoille River?** ([Birds Eye View](#))

Humans impact their environment in many ways. This unit focuses on the Lamoille River and how the communities along the river use the resource and how that use can change the river.

Enduring Understanding: Interdependence: Everything is made up of interconnected systems; a change in one system affects other systems.

The overall standard is NGSS (MS-LS2-1): Cause and effect relationships may be used to predict phenomena in natural or designed systems. Please see birds-eye view for other standards that are addressed in the unit.

This unit addresses many best teaching practices; **place based learning** ([Sites of Engagement](#)), science inquiry, hands-on learning, relevant real-life learning and the Lamoille River Basin is home to all of my students. For these reasons and because the natural environment and the care of that environment is so important to me I teach this unit. I hope to pass on in some small way the peace and pleasure the natural environment offers to all of us and some of the consequences of not caring for it.

This unit address two of the supervisory unions mission related goals, problem solving and express yourself. Through student work you will see many ways in which students have expressed their knowledge and love of the Lamoille River and water. You will also see ways that students have sought to improve water quality.