École de La Ruche de Lanaudière, École Secondaire de St-Charles and CFER de Bellechasse

Rivière du Sud watershed, Quebec

Collaborative effort among the three schools

These three schools collaborated and partnered with a local watershed organization (L'Organisme de bassin versant de la Côte-du-Sud) to care for the local watershed.

The primary and junior students at École de La Ruche de Lanaudière and students from CFER de Bellechasse hatched and raised about 250 Brook trout in classroom incubators. Once the young fish were large enough, they released them into the Boyer River to help restore local fish populations. The two schools also planted native trees and shrubs along the river bank to reduce erosion, and increase shade and cooling. Students from École de La Ruche de Lanaudière also built 35 bird nesting boxes to enhance nesting habitat along the local Boyer River.

Students from École Secondaire de St-Charles studied water quality by sampling and analyzing macroinvertebrates. They also created a model of the local watershed for the public to raise awareness about local water issues and illustrate the concept of a watershed.

Dive A Little Deeper

Visit the links below for more information:

Organisme de bassin versant de la Côte-du-Sud
Learn more about this watershed group's activities.

Trout Life Cycle
Learn more about the trout life cycle with this illustrated information from Trout Unlimited

EcoSpark's Monitoring with Benthic Macroinvertebrates Field Manual
explains in detail how to collect and observe macroinvertebrates to study water quality.

Macroinvertebrates (small aquatic animals without a spine) can be examined to assess water quality.

"No matter where we are – in the city, on a farm, in a car, on a mountain, or in a ravine – we are in a watershed. This makes us all part of the watershed community and stewards of our waterways."

Evergreen

More About Watersheds

Healthy watersheds are vital to sustaining all life on Earth—from wild plants to animals to people. They are the source of our drinking water, and they supply the water needed on farmer's fields to grow our food. Every watershed is different, shaped by variations in geology, weather, ecology and human activity. The more we understand about our watershed, the better chance we have of sustaining a clean and healthy water supply.

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