

Who is the LSWC?



The Lesser Slave Watershed Council is a non-profit organization based in High Prairie & we're 1 of 11 Watershed Planning and Advisory Councils in Alberta! One of our main goals is to provide education about the watershed and local environment across the Lesser Slave Watershed!

Open to Collaborate to Build Programs!

Invasive Species & Climate

**Grade
6**

This newly developed program touches on the impacts of a changing climate, invasive species, species migration and the threats to our current ecosystems, driving home the complexities of ecosystems and how minor changes can have impacts that ripple through a system. Structured as a presentation followed by a game! Available all year.

Exploring Erosion

**All
K-6**

Using the Watershed Wise magnet activity board, we explore some causes of erosion. Next we'll look at a demonstration of bare soil, leaf litter cover and grass cover to see which gives us the cleanest water and finish up looking at Google time lapses of the natural erosion of a meandering river! Available year-round.

Little Green Thumbs - Gardens

**Grades
1-6**

The Little Green Thumbs program is supported by Agriculture in the Classroom. The program provides garden equipment for an indoor grow light and set up, seed, soil, and supports to help students learn about plants, agriculture, and food waste. This program is limited by the number of gardens we have available at any given time.

Water Treatment Plant Tours

**All
Ages**

The LSWC facilitates tours between the local municipality and the school to provide the opportunity for students to learn about water, where it comes from, water chemistry and processing, and more! Tours are available upon request in partnership with Big Lakes County and the Town of Slave Lake. Available year-round.

Vermicomposting

**Grades
K-6**

Using tools from the Little Green Thumbs program, we support an introduction to vermicomposting by providing classroom worm bins. We also have some supports available for younger grades including a 'What's in my Lunchbox' activity and stories about agriculture. Available upon request!



Check Out the Programs We Have to Offer!

Curriculum Linked! From the LSWC

Free Programs

Grade
8

X-Stream Science

This is a full day field trip where students investigate water quality and the scope of human impacts on the environment by testing both chemical and biotic indicators (benthic macro-invertebrates), and assessing riparian areas! Available during open water season! A higher level with classroom component is available for gr. 10-12.

Grade
5

Water Quality Exploration

Students try their hand at chemistry and water quality testing while also practicing the scientific method. The scientific method is really the star of this re-vamped lesson for the new curriculum. Students get to explore chemical processes that may impact the species relying on aquatic systems! Available Spring-Fall, adapted for Winter.

All
Ages

Watershed Wise

Using our magnetic activity board, students explore the activities that take place across our landscape, explain what potential risks they have to the environment, and learn the 'best practices' for each activity. This activity is interactive for students of all ages. Available year round.

Grades
K-4

Watershed in a Bowl

Students explore the different types of pollution that could affect aquatic systems through an interactive demonstration of a 'Watershed in a Bowl' where students participate in adding pollutants to the habitat to consider the results. This activity is often paired with our Watershed Wise lesson for younger students.

Grades
6-8

Yellow Fish Road

This is a program developed by Trout Unlimited Canada where students learn about human impacts on water and wastewater by caring for our storm drains. After a brief introduction, students embark on an adventure to spray-paint 'Rainwater Only' on storm drains around the school. Available as weather permits, Spring through Fall.

All
Ages

The Lesser Slave Watershed

Initially developed for gr 8 level, this is an introduction to the Lesser Slave Watershed, what watersheds are, and knowledge about how watersheds work (using the local landscape). The lesson includes a Kahoot to keep the material engaging! The presentation can be adapted for all ages and levels upon request.

Grades
5-6

Snow Study

Developed by the Boreal Centre for Bird Conservation (BCBC), this lesson is an outdoor activity where students explore climate through layers of snow, flake size and shape, and more! The LSWC offers this program to High Prairie Schools only. Slave Lake schools participate in this lesson at the BCBC as a part of a full day of learning and fun!



For Info or to Book a Program: coordinator@lswc.ca or Call @ 780-523-9800