

School Programs

LICA—*Environmental Stewards* teaches students about our watershed and all about those who live in it. We give students an inside look on how we use the watershed and how we can help protect it.

Each module is designed to provide hands-on learning while promoting environmental awareness. Each program links specifically to the Alberta curriculum.

These FREE programs are available year round!

Contact Erin Ritchie outreach@lica.ca or call (587) 201-4345 to book your classroom presentation.

For more information on our Education & Outreach programs visit our website www.lica.ca

Pre-K & Kindergarten: Wildlife Discovery—Students are introduced to animals who live within our watershed and what they need to live in the wild. This program includes an interactive hands-on activity with skulls and pelts.

Grade 1-3: Needs of Plants and Animals—Students learn about plants and animals of the Beaver River watershed; what they need to survive, their lifecycles and special adaptations. The program involves several activities on learning how to become a water steward, as well as an interactive hands-on portion involving skulls and pelts.

Grade 4: Waste Water—Learn about the Beaver River watershed and how we deal with our waste water. Students learn what waste water is, where it ends up and how we create waste water through an interactive watershed activity.

Grade 4: Boreal Forest—Students are introduced to animals within the boreal forest. They are given a presentation on the importance of the boreal forest for wildlife, water quality and human life. It includes an interactive hands-on portion involving skulls and pelts.

Grade 5: Wetland Ecosystems—Students are given a presentation on wetland ecosystems within the Beaver River watershed. Students make watershed models with an emphasis on how wetlands function.

Grade 6: Trees and Forests—Students learn about the importance of trees & forests in relation to our watershed and to local animal species with a hands-on activity with pelts and skulls. Students also have a chance to investigate and learn about tree cookies.

Grade 7 & 8: Ecosystems— Students learn about the boreal forest, local freshwater ecosystems, and human impacts effecting them. They learn about the importance of riparian areas and water allocation in the watershed. The students will spend time testing the water quality of several different samples of water from local water bodies.

Grade 9-12: X-Stream Science—Stream Science is a citizen-science based educational program that gives participants a hands-on learning experience with their local stream by conducting real-world water quality monitoring. Scientific protocols will be used to collect aquatic benthic macro-invertebrates (water bugs), conduct water quality tests and collect site information for the analysis of their findings. LICA supplies all of the training, equipment and handouts needed for the program.