

Curriculum Connections Overview:

Water & Wastewater

The City of Lethbridge's Education & Outreach Team provides support and resources for teachers, students and community organizations that align strongly with the Alberta curriculum, exploring concepts and topics within infrastructure services. Visit lethbridge.ca/education or reach out to education@lethbridge.ca for more information.

Science

Grade	Guiding Question	Learning Outcomes
2	How can Earth's components and relationship to the Sun be understood?	Students investigate Earth, its landforms, its bodies of water, and its relationship to the Sun Bodies of water on Earth's surface Water found on Earth can be either fresh or salt water
4	How does Earth sustain life?	Caring for water and water sources is a shared responsibility Earth's systems are interconnected and can be impacted by small changes Conservation practices can be implemented in natural and human-made areas
8	What mechanical systems do we use every day? How do mechanical systems affect our everyday lives? What are the characteristics of freshwater and saltwater systems? How do freshwater and saltwater systems affect us, other organisms and our land?	Analyze the social and environmental contexts of science and technology, as they apply to the development of mechanical devices Describe the distribution and characteristics of water in local and global environments, and identify the significance of water supply and quality to the needs of humans and other living things Analyze human impacts on aquatic systems; and identify the roles of science and technology in addressing related questions, problems and issues

Social Studies

Grade	Guiding Question	Learning Outcomes
3	How are natural resources used in Alberta?	Students examine natural resource use in Alberta Availability of natural resources can vary between physical regions