

SCHOOLS ARE BECOMING MORE ENERGY EFFICIENT

Today, everyone has to work hard to reduce energy use—and that includes our schools. That's why new schools in Newfoundland and Labrador are being built with new energy-efficient features, and some existing schools are being renovated to be more efficient.

HOW ARE SCHOOLS BECOMING MORE ENERGY EFFICIENT?

HEAT PUMPS

Heat pumps are being installed in new schools. These devices save energy by warming a school with heat from the ground. They can also cool a school by taking heat from inside a school and transferring it underground.

BUILDING ENVELOPE

A building's outside walls and roof are called its "envelope" because they separate the inside from the outside environment. New schools have improved insulation and more efficient windows, which makes them easier to heat and cool.

MECHANICAL SYSTEMS

New schools in Newfoundland and Labrador are saving energy by installing energy-efficient mechanical systems, like hot water systems and ventilation systems that use a lot less energy.

LIGHTING

New schools now include more efficient lighting systems that significantly reduce the amount of energy needed for lighting. They also have motion sensors that automatically shut off the lights when no movement is detected.

