



Client: Capital School
Service Centre (CSSC)
2018–2021

Case study 07

École primaire de l'Étoile du Nord

Located in the Saint-Émile neighborhood north of Québec City, Étoile du Nord is a two-story elementary school serving about 320 students from preschool to 6th grade. Designed alongside the development of the surrounding neighborhood, the school includes 16 classrooms, a gymnasium, and a school park integrated safely into its setting.



Climate and Energy

Certified LEED v4 BD+C: Schools

Energy performance
approximately 37% better than a
typical school

High-performance envelope,
including triple-glazed windows
and enhanced roof insulation, to
reduce energy demand



Circular Economy and Materials

Combination of wood and steel
construction to reduce
environmental impacts

Durable materials selected for
long-term performance and low
maintenance



Learning Environment and Well-Being

Designed using LAB-École
principles focused on student
well-being and interaction

Tiered interior spaces that follow
the natural slope of the site,
creating engaging learning areas



Community

School planned and built in
parallel with the development of
the surrounding neighborhood

Design minimizes excavation
by working with existing
topography

Safe integration into the local
street network and public realm