



Brookside Public School

Learning to Go Green



Owner:
Toronto District School Board

Architect:
Teeples Architects Inc.

Our Services:

- Sustainable Design Facilitation
- Energy Efficiency Consulting
- Mechanical/Electrical Design
- LEED® Consulting & Certification

Brookside Public School is the second green school for the Toronto District School board (TDSB) and is built on the lessons learned from the Board's previous experience. Both owner and project team were committed to building a school that fully meets the need for a healthy, productive learning environment while achieving high performance in terms of energy, water, and raw materials conservation. Because Brookside is at the heart of the residential community it serves and will be well used during and outside of school hours, the school will be a high profile example of practical, sustainable architecture. The achievement of LEED Gold certification will heighten public awareness of the school's green features and of the Board's commitment to the environment.

Notable Features

- erosion and sedimentation control measures
- rainwater cistern to supply water for toilet flushing
- water-conserving fixtures, including dual flush toilets and waterless urinals
- condensing boilers for space heating and domestic hot water
- air-handling units to cool building using outdoor air
- active student program for recycling and composting
- 33% of materials locally sourced
- full building flush out prior to occupancy
- 100% outdoor air ventilation system
- displacement ventilation (classrooms) and jet air diffusers (gym and offices)
- green housekeeping program

LEED® Project Facts

Gross Floor Area:	6585	(m ²)
Energy Density:	151	(kWh/m ²)
Category	% Performance	
Water Savings		
Irrigation	73	%
Indoor Use	59	%
Energy Savings	51	%
Waste Diversion	79	%
Recycled Content	19	%
Regional Content	33	%
FSC Wood Content	68	%
Daylighting	75	%
Views	91	%
LEED® Gold		



LEED NC Gold Certified
Completed 2007
Toronto, Ontario



51% Energy Savings



59% Indoor Water Savings



19% Raw Materials Savings

