



## LCC Environmental Highlights

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### Policy

- Adoption of environmental policy
- 5-year environmental strategic plan adopted as pillar of school

### Procurement

- Green procurement plan (e.g., FSC paper, environmentally friendly cleaning products, priority given to local food producers)

### Energy Conservation Program

- Reduced our electrical consumption by ~ 3000 kwh/student/year
- Converted the entire campus to high-efficiency fluorescent tubes and compact fluorescent lamps
- Renovated the hot water boiler plant with new natural gas boilers

### Water Consumption Reduction Projects

- Reduced our water consumption by ~ 200,000 L/student/year
- Campus-wide ban on plastic bottles
- Installation of water-saving faucets
- Installation of low flow flush valves in toilets
- Water collection to irrigate campus gardens

### Waste Management

- School-wide composting (compost pick-up program) and recycling
- Vermi-composting
- Weekly no-waste lunches
- Established procedure for electronics and battery disposal
- Our Junior School students take responsibility for the management of the recycling bins in our classrooms and offices.

### Emissions off-set plan

Reduced our GHG emissions by .25 tonnes/student/year

### **New Trees**

- Planted a total of 78 new trees on campus (since 2008)

### **Recognitions**

- 2010: Recognized by BOMA Quebec (Building Owners and Managers Association) and earned the Level 3 Best Practice 2010 Award for excellence in performance and management
- 2008: Finalist in l'Association québécoise pour la maîtrise de l'énergie (AQME)'s Energia awards.

### **Education & Climate Change**

- In April 2012 LCC's Destiny Quebec Global Issues Conference for students focused on Arctic climate change. The conference was a collaboration with the University of Manitoba, McGill, Centre for Earth Observation, ArcticNet, and Schools on Board
- Curriculum integration: For example, grade 9 French Midway Project (impact of plastic bottles on the environment), grade 8 & 9 advanced math Solistera Project (building hay buildings in an off-grid community located in Quebec), Junior School art (reusing various materials for art projects and learning about old ways of doing things), Kindergarten – vegetable garden), Grade 11 – Schools on Tundra

### **Campus Facilities**

- The new Olga and Leonard Assaly Learning Commons is to be a LEED-certified building
- Eco-chill cooling system used at arena