LSF’s MISSION: to promote, through education, the knowledge, skills, perspectives and practices essential to a sustainable future.

- National, bilingual, non-profit, founded in 1991
- Partners with businesses, non-profit organizations, educators, students, and governments across Canada
- Head office at York University in Toronto
“We are currently preparing students for jobs and technologies that don’t yet exist ... in order to solve problems we don’t even know are problems yet.”

- Top 10 in-demand jobs for 2010 did not exist in 2004
- Today’s learners will have had 10 – 14 jobs by the time they reach age 38
- 2.7 billion Google searches are performed each month. To whom were these questions asked before Google?
- Half of what students learn in their first year of university will be out of date by 3rd year

Do we want our education system to produce students who are consumers or creators??

Minister of Education in Bhutan
What is the Purpose of Education?

- To prepare students to be creative, responsible, active citizens, innovators, entrepreneurs, employees and consumers

- To equip students with the skills and values to address complex economic, social, and environmental challenges.

- To engage students academically, intellectually and socially
Reorienting Education for the 21st Century

<table>
<thead>
<tr>
<th>Traditional Education</th>
<th>Transformational Learning</th>
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<tbody>
<tr>
<td>• Primarily for Employment</td>
<td>• For Responsible Citizenship</td>
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<tr>
<td>• Information Transfer</td>
<td>• Information mining/analysis;</td>
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<tr>
<td>• Passive</td>
<td>• Active</td>
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<tr>
<td>• Textbook</td>
<td>• Authentic</td>
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<tr>
<td>• Within the classroom</td>
<td>• Outside the classroom in the community</td>
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“Traditional” education in which the teacher transmits knowledge to students must give way to “transformational” education in which the teacher facilitates the acquisition of skills and competences. The teacher serves as guide/learning coach.

“Education is not about filling a pail it is about lighting a fire.”
Strategic Initiatives

- Research to advance innovative policies, standards and practice
- Reorient teaching/learning toward active, responsible citizenship
- Foster sustainable communities linking education to action
- Support collaborative initiatives, networks and champions
Reorienting Teaching and Learning

Whole school models

Connecting the Dots
Key Learning Strategies for Environmental Education, Citizenship, and Sustainability
Stan Kozak and Susan Elliott

Resources for Rethinking
Exemplary Sustainability Resources Reviewed by Teachers for Teachers

www.r4r.ca

Learning for a Sustainable Future
LSF
Linking Education to Action

**EcoLeague™:** Engage youth in school and community-based action projects addressing local issues

**Project Flow™ (For the Love Of Water):** Engage youth in water projects that address in their school and/or community

**Step Outside for Learning:** Bi-monthly guides that highlight the many environmental education learning opportunities that occur just outside the their school door

**Our Canada Project:** A Call to Action to inspire conversations and collaboration between youth across Canada about responsible citizenship
What's your vision for Canada?
Share your actions for change.
Support for Networks and Champions

- National Council of ESD leaders from across Canada
- Provincial/Territorial ESD Working Groups support regional advancement of formal, non-formal and informal ESD

A leadership program for education leaders across Canada and internationally to create a culture of sustainable development in all aspects of the education system.
Food for Thought

Action: Students plant beans, peas, lettuce & radishes in containers to bring home, learning about growing their own food.

Energy Conservation

Action: Students use kill-a-watt meters to initiate a school-wide energy audit and take steps to reduce the amount of electricity the school uses.
Building a Vermicomposter

Action: Students built & use Vermicomposting bins to divert school’s food waste

Greening your schoolyard

Action: Students design, plant & create a new green space in their schoolyard: peace garden, trees for shade, a green front yard…etc
Reusable Bags

Action: Students make reusable bags from old jeans & other materials that will reduce the need for plastic shopping bags and can be sold as a fundraiser.

Quest for Clean Shorelines

Action: Students clean around a local pond or river and collect and measure waste (garbage & recycling)
Campaign Goals

- Raise over $6 million over 5 years
- Prepare Canadian citizens to meet the challenges of the 21st century
- Reach over 500,000 Canadians per year

Funding choices as follows:
- Sustaining Partners: over $400,000 over 5 years
- Platinum Level Support: $200,000 - $399,999 over 5 years
- Gold Level Support: $100,000-$199,999 over 5 years
- Silver Level Support: $50,000 - $99,999 over 5 years
- Bronze Level Support: Up to $50,000 over 5 years
Current LSF Sponsors

Learning for a Sustainable Future
“You made me realize so much about the world, environment and what we can do to make a difference.” Student

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