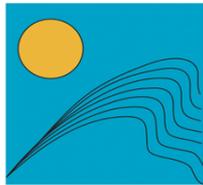


Learning for a
Sustainable Future

LSF



L'éducation au
service de la Terre

LST

Learning for a Sustainable Future

March 2, 2013

Angela Heagle Kielbowski
Project Coordinator



Workshop Overview

- **Introduction to LSF** (Mission and Strategic Initiatives)
- **Overview of LSF's Resources** (free teaching resources)
- **Overview of LSF's Programs** (for students and teachers)
- **Hands-on Learning** (exploring ESSAP + EcoLeague Recipes)



Have a Question? Ask it! *If at any time you have a question, please feel free to raise your hand and ask it. The more collaboration and discussion we have, the more learning we will do!*



Learning for a
Sustainable Future

LSF

LSF's MISSION:

to promote, through education, the knowledge, skills, values 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



Learning for a
Sustainable Future

LSF



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**



Learning for a
Sustainable Future

LSF

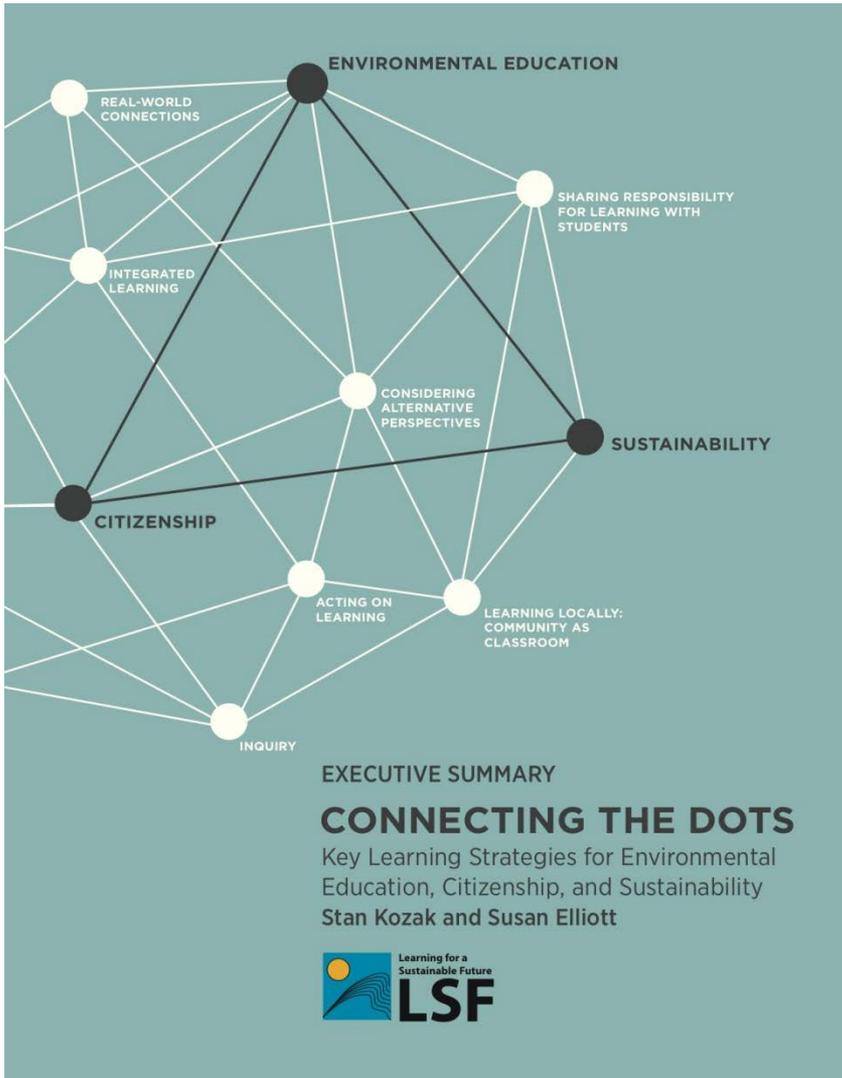
LSF's Resources



Learning for a
Sustainable Future

LSF

Connecting the Dots



Connecting the Dots is a document that outlines the Key Learning Strategies for Environmental Education, Citizenship and Sustainability.

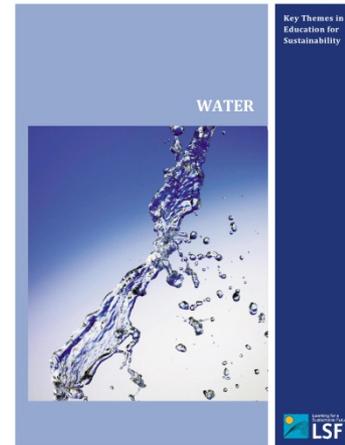
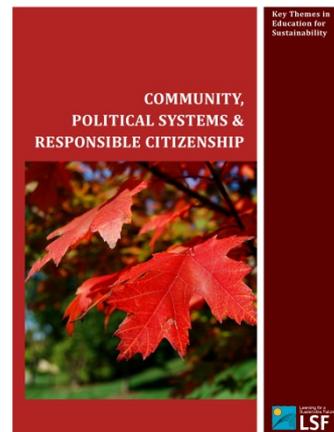
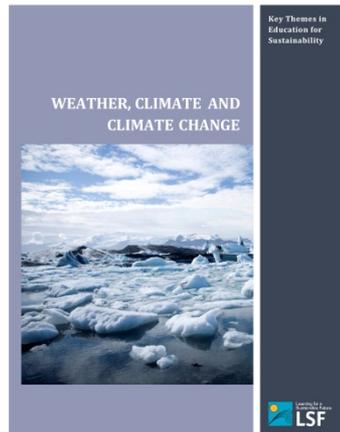
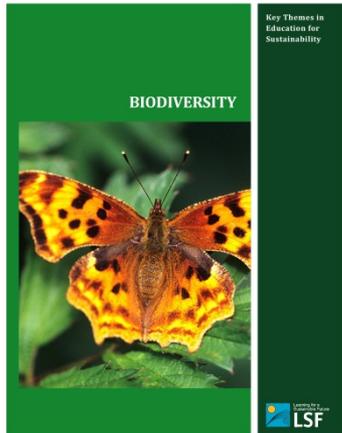
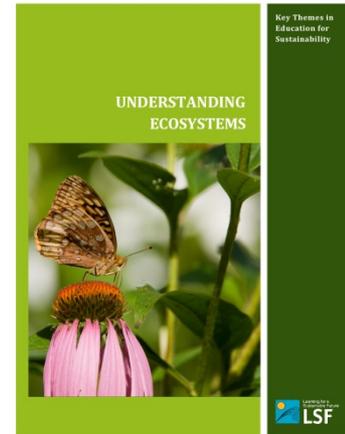
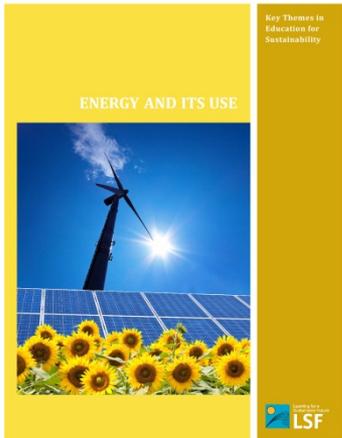
The Seven strategies are:

- Learning Locally–The Community as the Classroom
- Sharing Responsibility for Learning with Students
- Inquiry
- Integrated Learning
- Real-World Connections
- Considering Alternative Perspectives
- Acting on Learning

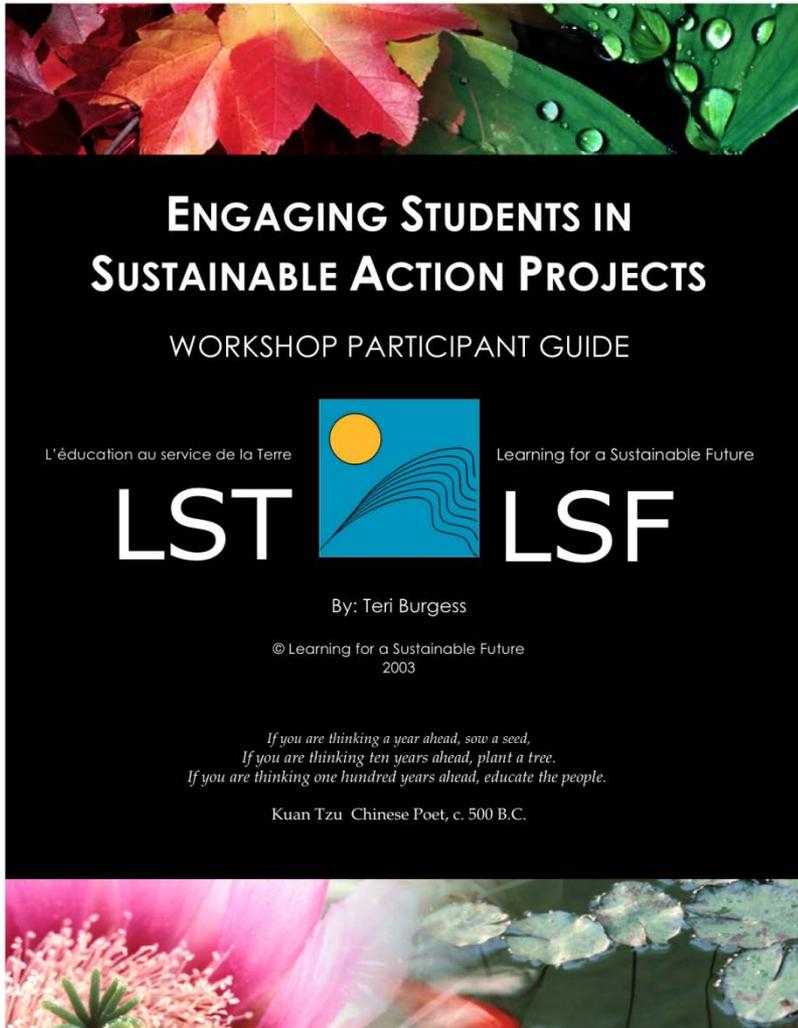
Key Themes in Education for Sustainability

The Key Themes in Education for Sustainability is a series of documents that were created in response to the United Nation's Decade of Education for Sustainable Development's (ESD) call to review Canadian curriculum policy.

These six documents highlight which elements of the issue are appropriate at each grade level and suggest activities that can be used to introduce these elements to students.



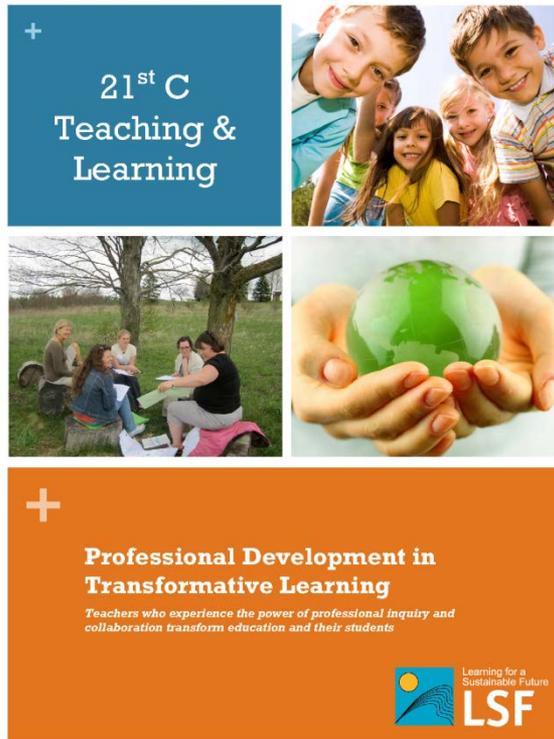
Engaging Students in Sustainability Action Projects (ESSAP Guide)



ESSAP is offered to teachers through workshops. This teacher guide focuses on engaging their students in successful environment/social justice action projects that are explored over the course of the youth forum, and can be further explored in the classroom.



Professional Development (PD) Workshops



LSF provides seminars, webinars, tutorials, 1-3 day professional learning institutes, facilitation and coaching services, which promote transformative learning strategies advocated by research and practice.

Resources for Rethinking (R4R.ca)



Resources for Rethinking (R4R.ca)

is a bi-lingual online database where educators can search for over 900 of the highest quality, peer-reviewed, curriculum-matched lesson plans and children's literature on issues that integrate the environmental, social, and economic spheres through interdisciplinary and action-oriented learning.

www.r4r.ca



Step Outside for Learning

Step Outside on-line nature guides are available two to three times per month and highlight natural events taking place just outside the school door. Each guide provides direct links to classroom resources, action-oriented activities, and children's literature to extend the learning.



RESOURCES FOR RETHINKING

Exemplary classroom resources reviewed by teachers for teachers



WHAT IS ESD?

REVIEW PROCESS ▼

TAKE ACTION ▼

FUNDING ▼

PROFESSIONAL DEVELOPMENT ▼

www.r4r.ca

Children's Literature

ESD-themed Books to Promote Literacy

Overview

Welcome to Resources for Rethinking's searchable database of children's books for young learners. This inventory is being created to assist teachers in their efforts to promote literacy through engaging stories that explore important sustainability themes. All of the materials featured have been reviewed by teachers and recommended for use with specific subjects and age groups.

Access our K to 5 catalogue below. You can then use the search engine to refine your search by subject, grade and ESD theme or issue.



Find Resources

Select one or more fields below to find relevant resources.

Jurisdiction:

Grade:

Subject:

Theme:

Display only Action Projects

Organization:

Title:

[View the grades K-5 catalogue.](#)



RESOURCES FOR RETHINKING

Exemplary classroom resources reviewed by teachers for teachers

[WHAT IS ESD?](#)[REVIEW PROCESS ▼](#)[TAKE ACTION ▼](#)[FUNDING ▼](#)[PROFESSIONAL DEVELOPMENT ▼](#)

Resources

You are currently searching within:

- *Grade:*
Grade 6 ✕ Clear
- *Theme:*
Energy ✕ Clear
- *Subject:*
Science ✕ Clear
- *Province:*
Ontario ✕ Clear

✕ Clear All

1 - 20 of 28 Results

1 2

[Next »](#)

Connecting With Nature



Students in grades 4–6 engage in a series of activities(both inside and outside the classroom) designed to inspire a sense of environmental stewardship. Each of the activities is intended to have children explore their profound connection to...

Options for refining search

By theme

Close ▲

- Air, Atmosphere & Climate ▼
- Citizenship ▼
- Economics ▼
- Ecosystems ▼
- Energy** ▼
- Food & Agriculture ▼
- Governance ▼
- Human Health & Environment ▼
- Human Rights ▼
- Indigenous Knowledge ▼
- Land Use & Natural Resources ▼
- Science and Technology ▼
- Waste Management ▼
- Water ▼

Display only Action Projects

[Clear Theme](#)

By subject

Connecting With Nature



An Educational Guide for Grades Four to Six

Elementary, Middle

Description

Students in grades 4–6 engage in a series of activities(both inside and outside the classroom) designed to inspire a sense of environmental stewardship. Each of the activities is intended to have children explore their profound connection to nature and experience the power of individual and collective action.

Students explore the daily choices, they,their families, their school and their communities make; the impact of those choices on nature; and the role they and others may take in protecting nature.

The activities are fun, hands–on, and thought provoking. Students have opportunities to share what they are learning with their fellow students, family, and community and to create their own “class foundation” to collectively act on their concerns and passions.

The resource consists of 16 cross–curricular lessons on a range of issues from which teachers may select according to the dictates of their time and curriculum.

General Assessment

Themes Addressed

Relevant Curriculum Units

The following tool will allow you to explore the relevant curriculum matches for this resource. To start, select a province listed below.

The list below has been refined for you based on your search terms. [Read Full Review](#) for an entire list of relevant curriculum matches.

Step 1
Select a province

Step 2
Select a grade level

Step 3
Select a subject



[Water](#)



[Ecosystems](#)



[Citizenship](#)



[Land Use & Natural Resources](#)



[Food & Agriculture](#)

Share

[Send to a Friend](#)

[Print this Resource](#)

[Bookmark this Resource](#)



Get this
resource

Please note: the publisher requires registration before accessing this resource. Please register to access the resource.

**This is a summary.
Read the entire review**

Author:

David Suzuki Foundation, Schulich School of Education, Nipissing

About us Support us Contact us Help Français

WHAT IS ESD? REVIEW PROCESS TAKE ACTION FUNDING PROFESSIONAL DEVELOPMENT

Hot Topics

Hot Topics Calendar

Exploring current issues in the classroom

This feature was developed by *Resources for Rethinking* to connect students to some of the efforts being made to solve important problems that are affecting our planet. *Hot Topics* are published during the school year to coincide with the timing of national and international campaigns taking place to raise awareness of these key issues.

Each *Hot Topic* edition includes links to classroom materials from the *Resources for Rethinking* database that will encourage students and teachers to explore the environmental, economic and social dimensions of these issues and to take action in support of the larger campaign.

Hot Topics Calendar

UN International Day for the Preservation of the Ozone Layer
September 16

Great Canadian Shoreline Cleanup
September 15-23, 2012

World Food Day
October 16

Find Resources

Select one or more fields below to find relevant resources.

Jurisdiction:

Grade:

Subject:

Theme:

Display only Action Projects

Organization:

Title:

Project FLOW
Water Action Projects

Step Outside
Your Guide to Nature's Events

EcoLeague
Linking Education to Action

Other Projects by LSF

Hot Topics are published during the school year to coincide with the timing of national and international campaigns taking place to raise awareness of key issues.

Each *Hot Topic* edition includes links to classroom materials from the *Resources for Rethinking* database. These resources will encourage students and teachers to explore the environmental, economic and social dimensions of these issues and to take action in support of the larger campaign.

LSF's Resources



Learning for a
Sustainable Future

LSF

LSF Programs: Linking Education to Action



EcoLeague™

A youth empowerment program that challenges and motivates students to create a positive change in their school and community by doing sustainability action projects. As part of this program, LSF hosts **EcoLeague Youth Forums** where students attend workshops on a variety of local sustainability issues. All of the workshops are interactive and help inspire engagement and action in sustainability issues.



Project FLOW

For the Love of Water is a water-related program designed to give students hands-on skills to undertake local water issues and become active stewards of our water resources.



Learning for a
Sustainable Future

LSF

Action Project Recipes



Reusable Bags Secondary

Recipes for Taking Action

Learning for a Sustainable Future (LSF) | www.lsf-ist.ca



Quête pour des rivières propres Élémentaire

Trousse d'action

L'éducation au service de la Terre (LST) | www.lsf-bt.ca



LSF Recipes are interactive workshops that are designed to bring sustainability education into the classroom. They are curriculum-linked and engage students in hands-on activities. Recipes are available for both Elementary and Secondary grade levels.



Action Project Funding Available!

Apply Online at Isf-Ist.ca to engage your students and school club in a Sustainability Action Project.

Action projects must undertake a sustainability issue in the school and/or community. Action Projects can model one of the LSF Action Project Recipes!

Spring Application Deadline: [March 15, 2013](#)



Do you have an idea to improve your school or community?



Learning for a Sustainable Future is a Canadian charity that wants to help you make a change! You can apply for up to **\$400** through **EcoLeague™** to do a project that address a local community issue. You can also apply for up to **\$500** through **Project FLOW** for single-school water-related projects and up to **\$3000** for water-related projects that engage six or more schools.

What kind of project can I do?

- Boycotting plastic water bottles from your school and running a reusable water bottle awareness campaign
- Building a school garden to grow your own vegetables and share with the community
- Clean up a local shoreline to protect the different species that live there
- Creating a composting project to reduce your school's waste
- Your own idea!!

How do I start?

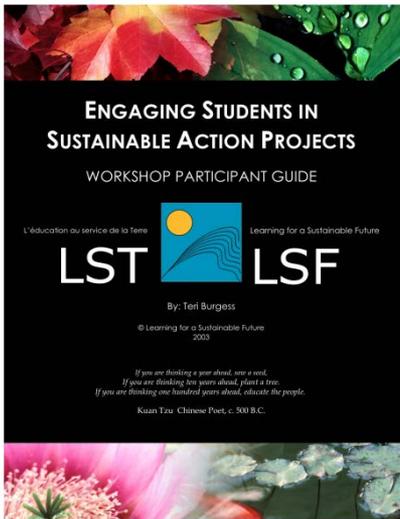
1. Go to www.lsf-lst.ca to learn more about what LSF is and what we do.
2. Pick a project with a teacher, your classmates, or a school club.

How do I apply?

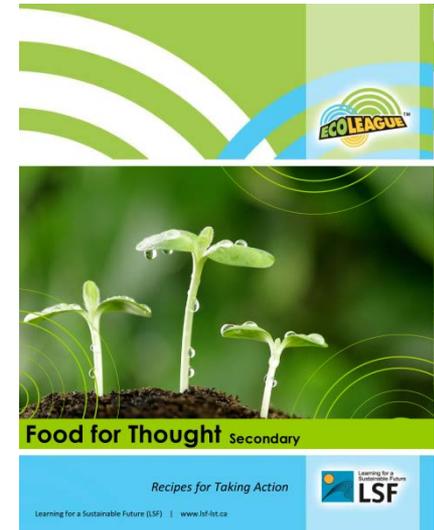
3. Go to www.lsf-lst.ca/action-project-funding and fill out the application
4. Submit your application online by November 30, 2012 or March 15, 2013.
5. All projects must be completed by May 31, 2013.



It's time...

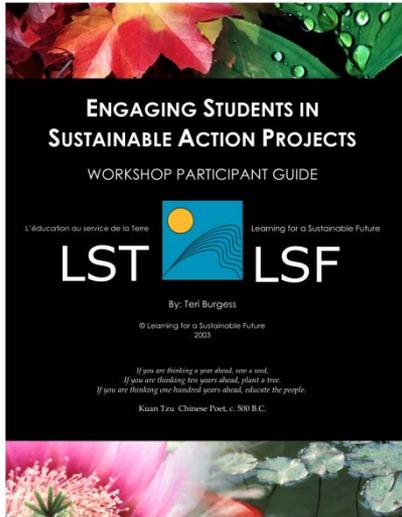


to Engage in Action!

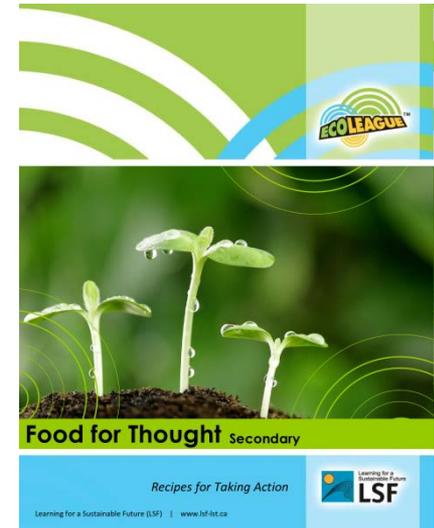


***Using the ESSAP Guide + EcoLeague
Recipes to inspire students***

Outline



1. Benefit of Action Projects
2. Context of Action Projects
3. Classroom Activities (ESSAP)
 - Value Line
 - So What?
4. Action – Food for Thought
 - Explore recipe activities
 - Take action – Potted plants



Action Projects are great for student learning because:

- Students think about the interconnectedness of issues and people



- Students connect with an issue that interests them



- Students can make a positive impact on their local community – help others



- Students cultivate the skills, knowledge and attitudes they need to be responsible citizens



Action Projects Address the 5Ws and the H!



Consensus Building

Value Line Activity (pg. 28, *ESSAP*)

1. Take 3 sheets of paper.
2. Write down 3 issues that bother you:
 - An issue that happens at home (e.g. not recycling)
 - An issue that happens at school (e.g. bottled water in vending machines)
 - An issue that happens in the community (e.g. idling at drive-thru restaurants)
3. Fold them in half and put them in the appropriate piles.

Act
Now!

Kind of
an issue

Not a big
deal



Learning for a
Sustainable Future

LSF

Food for Thought

PART A: Getting Ready – Asking Why?

Activity A1: Thinking About Food

Activity A2: Where in the World Does Our Food Come From?

Activity A3: Preparing the Seeds (Day Before Planting Day)

PART B: Planting Food

Activity B1: Meet and Greet and Grow

Activity B2: Sowing the Seeds

Activity B3: Market Game

PART C: Essential Follow-Up Activities

Activity C1: Reflection Journal

Activity C2: Maintenance Strategy

Activity C3: Life Story of My Lunch – Summative Assessment Activity

PART D: Extending the Learning

Activity D1: Tracing Food Throughout the Ages – Conducting an Intergenerational Interview

Activity D2: How Super is Your Supermarket



Lingering Questions?

Contact Info:

angela@lsf-ist.ca



Learning for a
Sustainable Future

LSF

Thank You!

**I hope that you will use LSF resources
in your classroom! And we encourage
you to apply for Action Project
Funding – March 15, 2013!**

Contact Info:

angela@lsf-ist.ca



Learning for a
Sustainable Future

LSF