

Sudbury Shared Harvest

# ABOUT THE

## VIDEOS

We put together videos as educational aids to discuss permaculture and food forest principles in relation to related topics such as soil health, climate change, evolution and ecosystems. These 10-20 minute videos touch upon different curriculum links and offer a glimpse at different types of agriculture. There is not only one good way to grow food, but learning about different options as well as their benefits and downsides can help students understand and apply critical thinking to how food is grown and what they would like to see in the future. This can apply to them growing their own gardens, understanding where their food comes from, making choices when buying food and growing environmental stewardship in their community.

After watching a video, the teachers have the options of planning an onsite visit with us. We offer hands on permaculture experience at our local edible forest gardens for students to see and experience these gardens first hand. This will also give the students an opportunity to chat with us and ask questions they may have had after watching the videos. Teacher will also be offered vocabulary and quiz sheets to supplement the video experience.

The videos and onsite visits are free but traveling costs will have to be covered if visiting by bus. Before booking any transportation, give us a call. Some schools have edible forest gardens near them and so walking will be an option.

This program was funded by....

If you have any questions, you can send us an email at:  
[outreach@sudburysharedharvest.ca](mailto:outreach@sudburysharedharvest.ca)

*Sudbury Shared Harvest*

# WHO IS

S U D B U R Y   S H A R E D   H A R V E S T ?

**Sudbury Shared Harvest is a charitable organization with a mission to cultivate community health by connecting people, the food we eat and the land it comes from.**

We support people in gaining the knowledge, skills and resources they need to access or grow their own food in a way that enhances our urban environment.

[www.sudburysharedharvest.ca](http://www.sudburysharedharvest.ca)



**Sudbury Shared Harvest**

*This project is made possible with generous support from*

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# HUMAN IMPACT

& CLIMATE CHANGE



**This program offers a solution-based approach to contemporary environmental challenges such as climate change. In this video we explore...**

- ◆ *What is climate change?* ◆
- ◆ *Industrial agriculture and its impacts on the environment & climate change* ◆
- ◆ *Different ways of growing food and how it can help us fight climate change, take care of our ecosystems, grow healthy food and get our soils healthy.* ◆

**Curriculum links (focus on grade 9&10):**

Grade 10 (academic) Earth and Space Science - Climate change  
Grade 10 (applied) Earth and Space Science - Earth's Dynamic Climate  
Grade 9 (academic) Biology - Sustainable Ecosystems  
Grade 9 (applied) Biology - Sustainable Ecosystems and Human Activity  
Grade 9 (applied) Biology - Sustainable Ecosystems and Climate Change

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# EVOLVING

GARDENS



**This program focuses on plant diversity and evolution in relation to agriculture. In this video we explore...**

- ◆ *Why plants are important?* ◆
- ◆ *What plants need to survive & thrive* ◆
- ◆ *Plant types, genetics and length of life* ◆
- ◆ *Plant evolution, propagation, speciation and extinction.* ◆
- ◆ *Industrial agriculture pressures on the environment* ◆
- ◆ *Different ways of growing food and how it can help us take care of our ecosystems while growing healthy food.* ◆

**Curriculum links (focus on grade 11):**

Grade 11 ( ) Biology - evolution

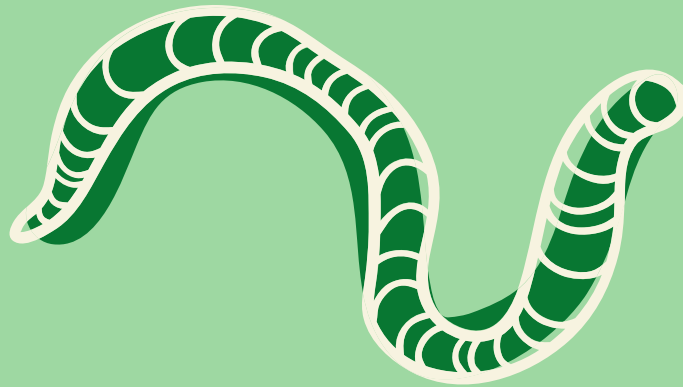
Grade 11 ( ) Biology Plants - Anatomy, Growth, & Function

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# LIVING SOILS

HEALTHY GARDENS

COMING THIS FALL



**This program visits the importance of soil and its connection to sustainable ecosystems in agriculture.**

**In this video we explore...**

- ◆ *What is soil? What is soil life? And, why are they so important?* ◆
- ◆ *Industrial agriculture and the damage on soil* ◆
- ◆ *Different ways of growing food and how it can help us fight climate change, take care of our ecosystems, grow healthy food and get our soils healthy.* ◆

**Curriculum links (focus on grade 9):**

- Grade 9 (academic) Biology - Sustainable Ecosystems and Climate Change
- Grade 11 (applied) Biology - Plants in the Natural Environment
- Grade 11 (academic & applied) Environmental Science - Sustainable Agriculture & Forestry
- Grade 11 (applied) Human Impact on the Environment+Human Health and the Environment
- Grade 12 (academic) Chemistry - Organic Chemistry
- Grade 12 (applied) Chemistry - Matter and Qualitative Analysis
- Grade 12 (academic) Geology - Geological Processes

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# AGRICULTURE

AS AN ECOSYSTEM

COMING THIS FALL



**This program investigates the dynamics and health factors of ecosystems in agriculture. In this video we explore...**

- ◆ *What is an ecosystem?* ◆
- ◆ *What is a healthy ecosystem?* ◆
- ◆ *What are environmental stressors?* ◆
- ◆ *Are agricultural spaces ecosystems?* ◆
- ◆ *Impacts of industrial agriculture on ecosystems* ◆
- ◆ *Different ways of growing food and how it can help us take care of our ecosystems and build resiliency* ◆

**Curriculum links (focus on grade 12):**

Grade 12 ( ) Biology - Population Dynamics  
Grade 11 ( ) Biology - Diversity of Living Things