

CURRENT PROJECTS:

Please call Steve Schultz at 403-782-6615 ext 5205 to volunteer in our greenhouse or outdoor community garden & classroom illustrated below.



BEE WISE: Raising pollinators for educational, environmental and social purposes



THANK YOU TO OUR GOLD SPONSORS:



A+ for Energy



FOUNDATION



LCHS EcoVision Members & Contact Info.

LEADERS: Rachael Reitsma, Avy Lamb, Haleigh Kersey, Naomi Delisle, Kindra Woodford, Laine Unger, Izaak Medwid, Dom Robinson, & Josie McMillen

TEACHERS: Mr. Schultz

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▶ Growing Students To Become EcoLeaders

EcoVision PROJECTS:

- BEE WISE
- 6 kW Solar System
- Recycling
- Composting
- Community Greenhouse
- Aquaculture System
- Outdoor Garden & Classroom
- Environmental Awareness



WEB: www.lchsecovision.weebly.com



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PHONE: 403-782-6615 Ext 5205

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What is LCHS vision?



MISSION: The purpose of EcoVision is to inspire & empower students to become ecological leaders. Everything our club attempts needs to enhance ;

- 1) **The Environment** - improve the quality of our air, water and land
- 2) **Education** - supplement the learning of individuals
- 3) **Our Community** - increase the collaboration and sharing of ideas, skills and expertise locally, provincially and globally.

GOALS:

1. Develop an outdoor classroom, garden and edible forest.
2. Maintain our Composting, Solar, Recycling & Greenhouse Projects
3. Enhance our Community Greenhouse and permaculture area.
4. Promote awareness and educate individuals about our projects and environmental issues .
5. Partner with the community and other school groups to encourage environmental actions such as recycling, gardening, & beautification.

What has EcoVision done so far?

- ⇒ **CARDBOARD RECYCLING** was initiated in the fall of 2009. Teachers, students and janitors continue to collect cardboard reducing the amount of waste going to the landfill.
- ⇒ **THE SOLAR SYSTEM** was installed in June of 2010 and began producing electricity in September. The system has produced over 6 MWh and offset over 4 tons of carbon. A portable solar module is being use in classrooms & presentations. An online monitoring system allows individuals to monitor power production data & visualize the impact of the solar system.



<https://enlighten.enphaseenergy.com/public/systems/Hhkq7556>

- ⇒ **COMPOSTING** began in 2011 with a worm, thermal and aerobic compost systems. Compost will be available in May. Contact EcoVision for more info

⇒ **GREENHOUSE :** The unique community geodesic greenhouse was completed on October 4th, 2012. The greenhouse has seven features which make it the only greenhouse of its kind in Canada.

- 1) Dome shape - 70% More Efficient
- 2) Polycarbonate reinforced R5 Panels
- 3) Large water tank - Heat Sink & Aquaponics
- 4) Climate Battery - Underground Cooling/ Heating System
- 5) Solar power - Thermal & Photo Electric
- 6) Underground insulation
- 7) Bees wax vents - Open With Heat



⇒ The Actions You can Take

1. Recycle cardboard, bottles, tin, paper, oil, broken electronics, batteries and plastic.
2. Buy local produce when possible.
3. Grow a garden.
4. Compost your organic waste.
5. Use high efficiency appliances.
6. Walk or ride your bike.
7. Turn off lights.

