

SCHOOL SUSTAINABILITY SURVEY 2022

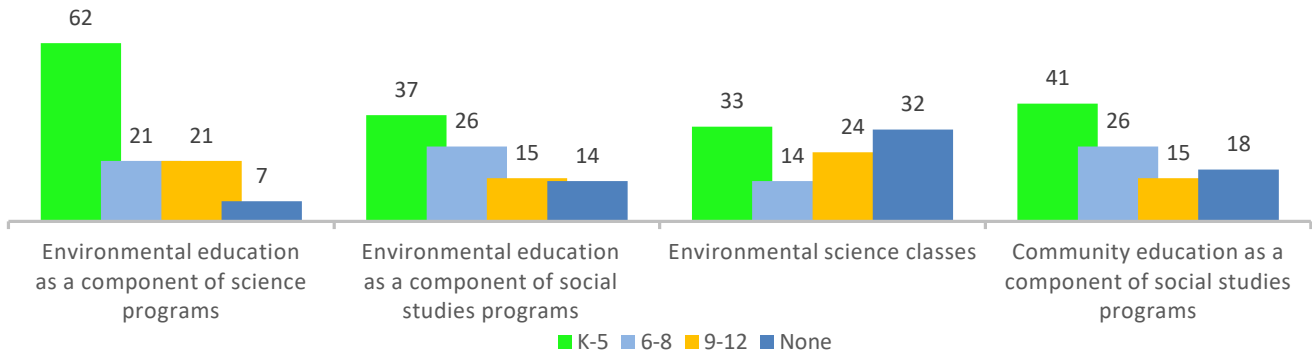
The New Brunswick Environmental Network (NBEN) asked K-12 schools in the province to participate in the completion of this survey. Our goal is to help provide relevant information to stakeholders and communities concerning sustainability education and activities within the schools of New Brunswick. These stakeholders can then provide relevant resources to the schools, and schools will be more equipped to advocate for missing tools. The following results are from the Anglophone, Francophone and Band-run school districts. **Reports from previous years can be found at sea-nb.ca.**

Data Analysis: Results are shown per school that responded. Participants were asked to answer questions for only the 2021-2022 school year. In some cases, multiple teachers from the same school answered the survey. Submissions from the same school were compiled together to better reflect numbers from their entire school. Where the answer for a question was the same among teachers from the same school, those duplicate answers were counted as one. Where answers were different for the same question, those answers were treated independently.

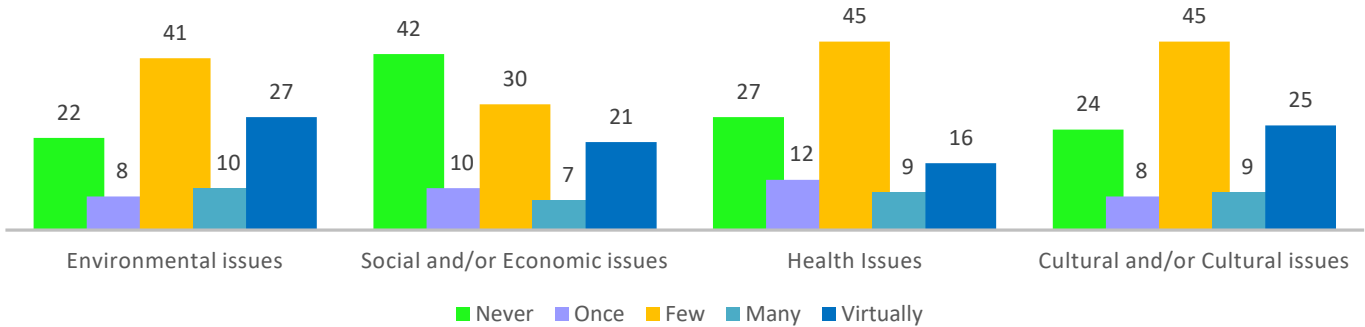
NUMBER OF RESPONDENTS: **123** NUMBER OF SCHOOLS SURVEYED: **111**

CURRICULUM

SCHOOLS PROVIDED THE FOLLOWING ENVIRONMENTAL AND COMMUNITY EDUCATION:



EXPERTS OR GROUPS INVITED TO COME INTO THE SCHOOL TO TALK ABOUT:

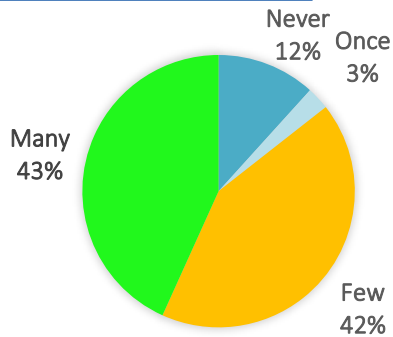


SCHOOLS CONDUCTED FIELD TRIPS WITH/AT:

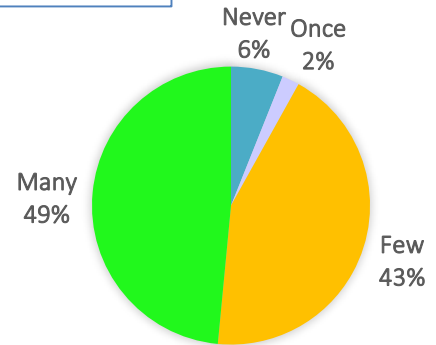
- ACAP Saint John: **1**
 - Ducks Unlimited Canada: **26**
 - Hammond River Angling Association: **4**
 - Huntsman Marine Science Centre: **9**
 - Irving Eco-Centre, La Dune de Bouctouche: **7**
 - Mactaquac Beaver Pond Tours: **2**
 - Meduxnekeag River Association, Inc.: **5**
 - Nature Trust of New Brunswick: **2**
 - Stonehammer Geopark: **3**
 - Vision H2O: **1**
 - Zoo de Magnetic Hill Zoo: **17**
- Daly Point:
 - Kings Landing

HOW OFTEN HAVE SCHOOLS INCORPORATED OUTDOOR LEARNING INTO CURRICULUM?

PRIOR TO THIS YEAR



THIS YEAR



Prior to this year:	This year:
<ul style="list-style-type: none"> • Never: 13 (11.7%) • Once: 3 (2.7%) • Few: 47 (42.3%) • Many: 48 (43.2%) 	<ul style="list-style-type: none"> • Never: 6 (5.4%) • Once: 2 (1.8%) • Few: 43 (38.7%) • Many: 59 (53.2%)

SCHOOLS WHICH INCORPORATED OUTDOOR LEARNING OR NATURE EDUCATION INTO VIRTUAL LEARNING:

<ul style="list-style-type: none"> • Nature videos: 30 • Outdoor/nature based homework/tasks: 35 • Environmental subject matter: 31 • Virtual tours of nature areas: 13 	<ul style="list-style-type: none"> • Webinars: 1
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SCHOOLS THAT USED ENVIRONMENTAL MATERIALS PROVIDED BY NON-GOVERNMENTAL GROUPS:

<ul style="list-style-type: none"> • Nature NB: 28 • Conservation Council of NB: 14 • Atlantic Salmon Federation: 21 • Ducks Unlimited Canada: 44 • Canadian Forestry Association of N.B: 8 • Falls Brook Centre: 8 • Gaia Project: 56 • New Brunswick Lung Association: 10 • Birds Canada: 6 • Learning for a Sustainable Future: 13 • The Nashwaak Watershed Association: 1 • EOS Eco-Energy: 5 • Shediac Bay Watershed Association: 5 • Francophone Youth Federation of New Brunswick: 8 • Passamaquoddy Elders: 1 	<ul style="list-style-type: none"> • Passamaquoddy Elders: 1 • Science East: 1 • Commission des services régionaux Nord-Ouest : 1 • Société d'aménagement de la rivière Madawaska : 1 • EcoSchools: 1 • Irving Eco-centre, la Dune de Bouctouche : 1 • National Centre for Truth and Reconciliation: 1 • Hammond River Angling Association: 1 • United Nations: 1 • Healthy Coasts project by Nature NB: 1 • Daly Point Nature Reserve: 1 • Club naturaliste de la péninsule acadienne : 1 • Multicultural Association of Fredericton: 1 • Vision H2O Project : 1 • Fundy Region Solid Waste: 1 • Atlantic Science Enterprise Centre: 1 • None: 9
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SCHOOLS WHICH HAVE INCORPORATED EDUCATION MATERIALS FROM THE FOLLOWING INDUSTRIAL SECTOR ORGANIZATIONS :

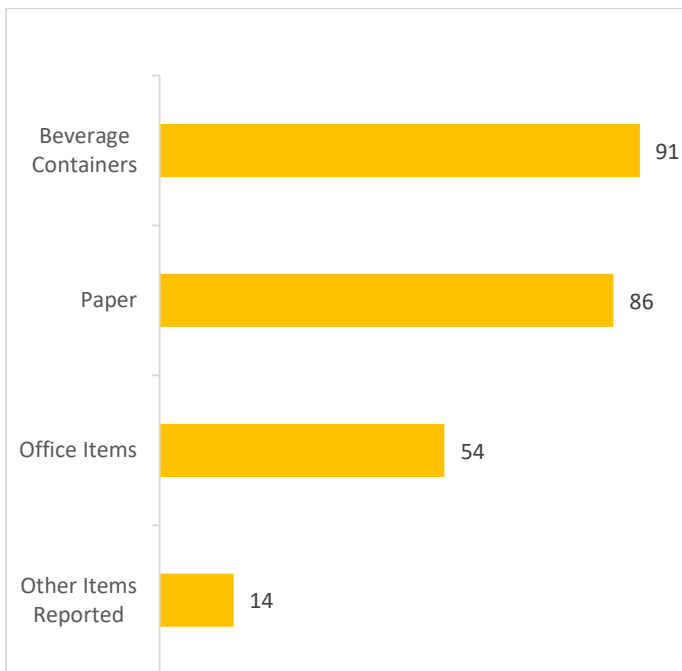
- J.D. Irving: **17**
- NB Power: **20**
- Canadian Nuclear Association: **2**
- Forest Products Association: **12**
- Atomic Energy of Canada Limited: **1**
- We do not use education materials from industrial organizations: **45**

SCHOOLS THAT HAVE PARTICIPATED IN GREAT MINDS THINK OUTSIDE (GMTO) PROFESSIONAL DEVELOPMENT TRAINING:

- Yes: **33**
- No/not interested: **4**
- No/are interested: **70**

GREEN OPERATIONS

NUMBER OF SCHOOLS WITH AN ONGOING RECYCLING PROGRAM FOR:



Other compost programs schools have used:

- Vermicomposters
- Vitamix (For compost)
- Experiments involving compost

Reasons for lack of interest:

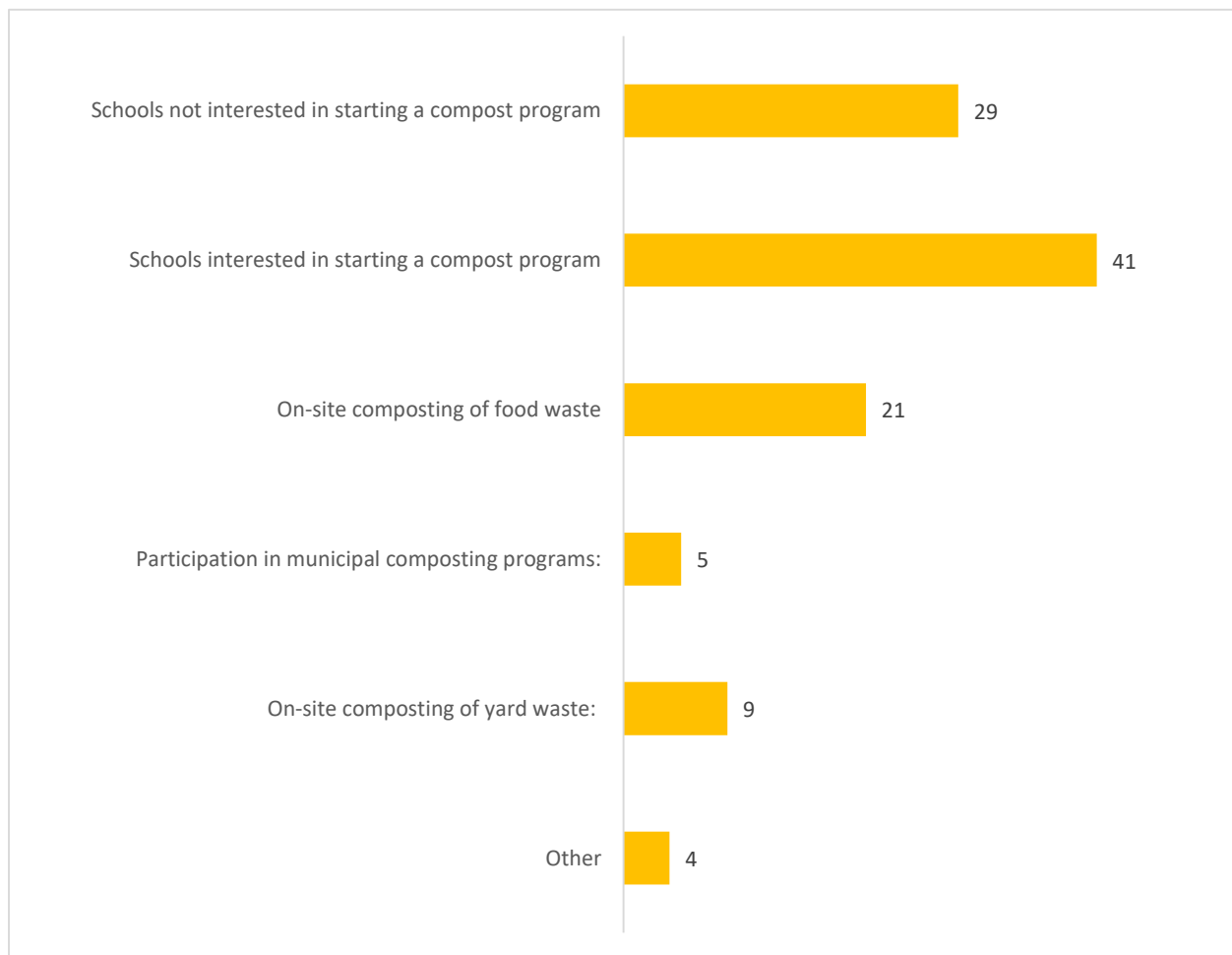
- Concerns about hygiene: **5**
- Employee time: **19**
- Lack of access to recycling depots: **2**
- Lack of knowledge: **3**
- Lack of motivation: **1**
- Lack of physical space: **11**
- Vandalism: **8**
- Attracting animals/pets: **5**

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HOW OFTEN DID SCHOOL CAFETERIAS SERVE FOOD ON REUSABLE DISHES?

- Always: 33
- Regularly: 13
- Never: 15
- Sometimes: 4
- N/A: 33

SCHOOLS WITH AN ONGOING COMPOST PROGRAM:



SCHOOLS USED THESE METHODS TO:

CONSERVE ENERGY:	CONSERVE WATER
<ul style="list-style-type: none"> • Close doors: 44 • Draw shades: 54 • Turning off lights: 81 • Temperature set by automatic thermostat: 62 • Turning off computers: 50 • Energy conservation awareness: 35 • Gaia Project energy audit: 1 	<ul style="list-style-type: none"> • Low flush toilets: 15 • Timed flushes: 5 • Water saving devices in taps: 27 • Water bottle filling stations: 1 • Sensored water fountains: 1 • Timed water sprinklers for plants/gardens: 1
IMPROVE INDOOR AIR QUALITY	REDUCE LITTERING: :
<ul style="list-style-type: none"> • No smoking on school property: 95 • Scent-free school: 90 • Using non-toxic cleaning products: 65 • Quality ventilation system: 50 • HEPA filters in each classroom: 1 	<ul style="list-style-type: none"> • Adopt a Highway: 2 • Biodegradable products: 4 • Eating only in the cafeteria: 15 • Public relations (e.g. signs/decorated recycling bins): 22 • Yard clean-up: 77 • Beach clean up: 1 • Village clean up: 1 • Recycling bins: 1

SCHOOLS THAT USED THE FOLLOWING MEASURES TO ENSURE A HEALTHY OUTDOOR ENVIRONMENT:

- Anti-idling zones for buses: **26**
- Banning the use of cosmetic pesticides on school grounds: **17**
- Plot of land that has been prepared to be a biodiverse area that will not have mowing: **1**

SCHOOLS THAT HAD PROGRAMS ON SCHOOL GROUNDS:

- School ground naturalization: **35**
- Beautification: **64**
- Vegetable gardening: **51**
- Greenhouses: **31**

OTHER PROGRAMS:

- Insect hotel
- Food forest
- Hydroponics
- Nature trail
- Maple syrup making

SCHOOLS WITHOUT ENVIRONMENTAL PROGRAMS/OPERATIONS, BUT INTEREST IN STARTING ONE: 13(12%)

SCHOOLS EXPRESSED INTEREST IN STARTING THE FOLLOWING ENVIRONMENTAL OPERATIONS:

- Beautification: **1**
- Berry garden: **1**
- Vegetable garden: **4**
- Greenhouses: **3**

SCHOOLS WITHOUT ENVIRONMENTAL OPERATIONS OR PROGRAMS AND REASON FOR LACK OF INTEREST: 7(6%)

REASONS SCHOOLS ARE NOT INTERESTED IN STARTING ENVIRONMENTAL OPERATIONS/PROGRAMS AT THIS TIME:

- Employee time: **7**

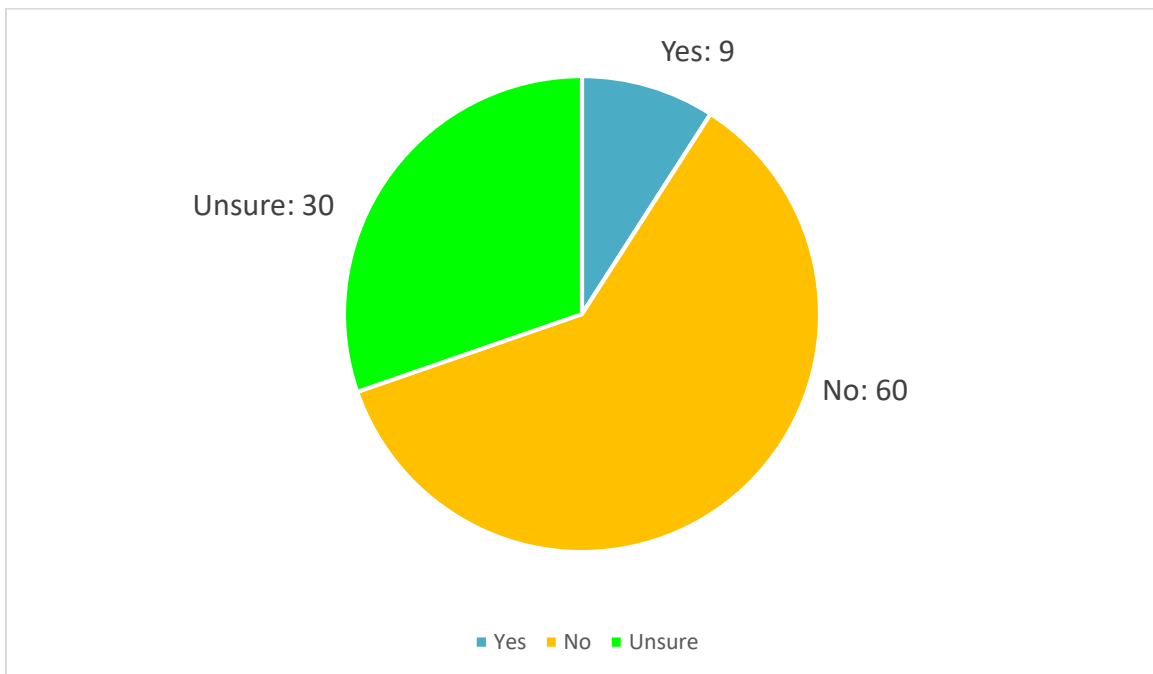
SCHOOLS THAT HAVE EXPERIENCED PROBLEMS WITH THE DRINKING WATER SUPPLY

- Yes: **10**
- No: **84**
- Unsure: **8**

SCHOOLS WITH THE FOLLOWING HEALTH AND SOCIAL OPERATIONS/PROGRAMS:

- Anti-bullying programs: **74**
- Multi-culturalism programs: **44**
- Volunteer programs: **46**
- Healthy eating programs: **52**
- Partnerships with community groups: **60**
- LGBTQ2 awareness: **1**
- Black History Month activities: **1**
- Gender Diversity: **1**

DOES YOUR SCHOOL MONITOR ITS ENVIRONMENTAL IMPACT FROM YEAR TO YEAR?



DOES YOUR SCHOOL CONSIDER ENVIRONMENTAL AND SOCIAL FACTORS WHEN MAKING PURCHASES FOR THE SCHOOL?

- Yes: 49
- No: 35
- I don't know: 20

STUDENT ACTIVITY

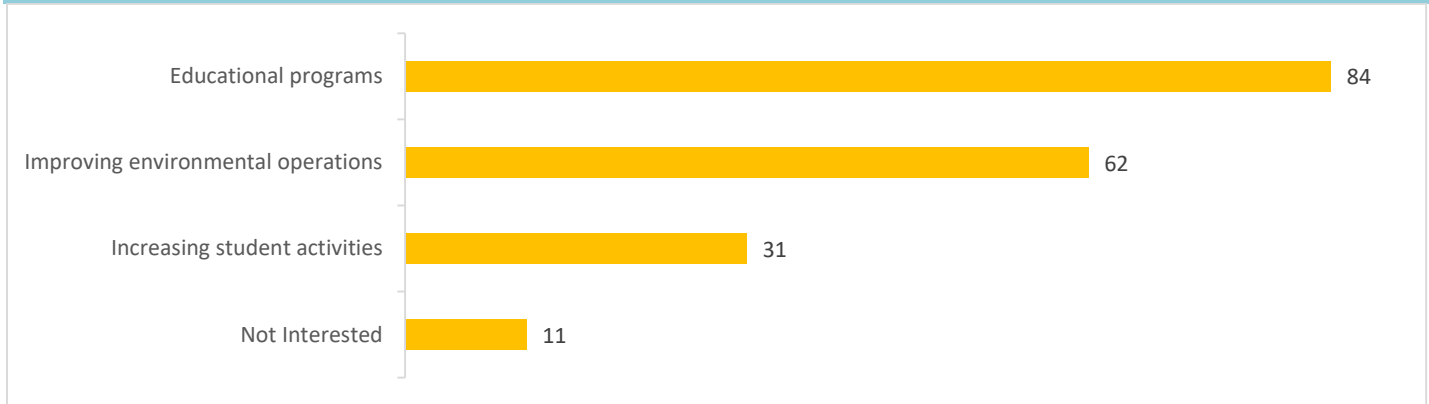
NUMBER OF SCHOOLS WITH A STUDENT ENVIRONMENTAL GROUP: 39

SCHOOL ENVIRONMENTAL GROUP FUNCTIONS AS:	SCHOOL ENVIRONMENTAL GROUP SUPPORTED BY:
Class curriculum: 7	Administration: 17
Student Council: 5	Student Council: 7
Independently: 26	Teacher Advisors: 34
Other: <ul style="list-style-type: none"> • Green committee 	Others: <ul style="list-style-type: none"> • Volunteers • Community Development Officer • School speaker

NUMBER OF SCHOOLS WITH A STUDENT SOCIAL JUSTICE PROGRAM: 10

SOCIAL JUSTICE PROGRAM FUNCTIONS AS:	SOCIAL JUSTICE PROGRAM SUPPORTED BY:
Independently: 7	Administration: 6
Student Council: 1	Student Council: 2
Curriculum: 1	Teacher Advisors: 9

SCHOOLS THAT PARTNERED WITH NON-PROFIT ENVIRONMENTAL OR COMMUNITY GROUPS WITH THE GOAL OF:



IN ADDITION TO THE ACTIVITIES LISTED ABOVE, SCHOOLS HAVE BEEN INVOLVED IN THE FOLLOWING ENVIRONMENTAL AND/OR COMMUNITY EDUCATION ACTIVITIES:

- A city street clean-up event
- Applied for a climate change grant to buy tree seedlings to give to all students
- Jump Rope for Heart
- Terry Fox Run
- Supporting Ronald McDonald initiatives
- Community outreach to our local animal shelter
- Partnerships with local high school to build playground equipment
- Volunteering at a food banks and Nursing Homes
- Rain barrels
- School Grounds garbage clean ups
- Community gardens
- Gaia Project Recycling
- Growing food and donating
- Installed a solar panel on the shed to power the watering of the greenhouse
- Planting multiple fruit trees on the school ground, maple trees (for maple syrup) and native trees/flowers for shade and pollinators