



Connecting People,
Pollinators and Places

Bee City Canada School Application

for _____ **Stirling Public School** _____ (Name of School)

(City/Town) _____ **Stirling** _____ of _____ **Ontario** (Province/Territory)

School Address (with postal code) _____ **107 St. James Street Stirling Ontario K0K 3E0** _____

Name of staff and/or student applicant(s):

Roxane Mossman-Cross, Meredith Cooney Grade 1 Students _____

WHEREAS, the goal of joining Bee City Canada is to promote healthy, sustainable habitats for bees and other pollinators – there are over 800 native bees (20,000 worldwide) and over 140,000 pollinator species in Canada; and

WHEREAS, bees and other pollinators around the globe have experienced dramatic declines due to a combination of habitat loss, use of pesticides, the spread of pests and diseases, and climate change; resulting in serious implications for the future health of flora and fauna; and

WHEREAS, schools have the opportunity to support bees and other pollinators on school property and in the community; and

WHEREAS, supporting bees and other pollinators fosters environmental awareness and sustainability, and increases interactions and engagement; and

WHEREAS, the benefits of pollinator-friendliness are:

- **Healthy ecosystems** — pollinators are required for reproduction of about 85% of flowering plants globally, plants that:
 - 1) are vital for clean air and water;
 - 2) provide food, fibre, medicine and shelter for people, livestock and wildlife; and
 - 3) support the species that pollinate crops and form the basis of food webs.
- **Increased vegetable and fruit crop yields** due to insect pollination. Pollinators provide 65% of the food we eat.
- **Increased demand for pollinator friendly plant materials** from local nurseries and growers.
- **Increased support and awareness for school pollinator initiatives.**

WHEREAS, ideal pollinator-friendly habitat:

- Provides *diverse* and abundant nectar and pollen from plants blooming in succession from early spring to late autumn.
- Provides water for drinking, cooling, nest-building and butterfly puddling.
- Has been designated pesticide-free.
- Is composed of mostly, if not all, native species of annual and perennial trees, shrubs, native grasses, wildflowers, ground cover and vines, which have co-evolved with native pollinators.
- Includes, where possible, designated pollinator zones in public spaces with signage to educate the public and build awareness.
- Provides undisturbed spaces (un-mulched areas of soil and sand, pithy stemmed stalks, leaf and brush piles, un-mowed fields or field margins, fallen trees and other dead wood) for nesting and overwintering for native pollinators; and

WHEREAS, in order to enhance understanding among staff, students and the public about the vital role that pollinators play and what each of us can do to sustain them, the applicant agrees to meet the following commitments required of all Bee Schools:

1. **Adopt and pass** this Bee City Canada resolution.
2. **Designate a committee** of at least two teachers and two students and including (where possible) the caretaker.

Names and positions: Meredith Cooney (teacher)
Roxane Mossman-Cross (teacher)

3. Develop a **School Pollinator Habitat Plan**. Plant a locally native pollinator garden at your school or in the local community, using ethically grown plants. What is the overall pollinator vision for the school. Share some of the curriculum components planned.

Describe your habitat plans: We plan to plant native, local flowers that will attract pollinators.

We have ordered milkweed seeds and we are planning to meet with Peter Fuller

(<http://fullerplants.com/current-plant-list-c906.php>) to help us determine the specific

native plants for our pollinator garden. He is a local consultant that will help us ensure that the correct plants will be planted.

Please see the attached copy of our curriculum connections.

4. **Annually celebrate** Pollinator Week (third week of June) and, if possible, some other appropriate occasion with educational events, pollinator habitat plantings or restorations, celebrations or promotions that showcase the school's commitment to enhancing native pollinator health through biodiversity and habitat. Involve as many people as possible. Bee Creative; use dance, music, visual arts, films, presenters.

Describe your celebration plans: Planting our garden. Having litterless picninc near our sustainable

garden! We will invite parents to join us and to see the end product and allow the students

to share what they have learned and created. We will take pictures to share. We will also invite the

local newspaper to join in our celebration.

5. **Annually apply for renewal** to Bee City Canada and submit a report of the previous year's activities. During the year share your stories, art, photos and videos for posting on the Bee City Canada website.

6. **Publicly acknowledge** the school's commitment by agreeing to display Bee City Canada signage in a prominent location.

NOW, THEREFORE, BE IT RESOLVED BY THAT:

(School) Stirling Public School

accepts the designation and commits to the standards of the Bee City Canada program.

Read, approved, and adopted this

28 day of February, 20 17.

Signature of School Principal: J. Cholesto

Please send application, to applications@beecitycanada.org

Curriculum
Connections:
How do these align with
targeted Globally
Minded Learners and
Leaders Competencies

Media Literacy:

- Development of topic, ideas, and organization to communicate critical thinking
- Create a media text for a specific audience and purpose using appropriate forms, conventions and techniques

Oral Communication:

- Use speaking skills and strategies appropriately to communicate with different audiences for a variety of purposes

Caring, Inclusive Citizens:

- Students will participate in a student-driven inquiry about pollinators and how the decreasing population of pollinators (due to habitat loss, use of pesticides, climate change and disease) will affect our earth. Student learning will be enhanced by leading and participating in their vision for maintaining a sustainable future for all by planting a sustainable garden to attract pollinators.

Collaborators:

- Students will work collaboratively with each other, teachers, parents and community members to plan, purchase and plant native plants in our teaching forest and distribute seeds to other community members.

Communicators:

- Students will persuade other community members to plant wild flowers to help the pollinators.

Critical Thinkers:

- Students will create a plan for the types of plants needed in our garden to attract pollinators.

Literate Citizens:

- Students will create a media message using Chatterpix and QR code generators to share their message about the need to help pollinators.

Entrepreneurial:

- Students will design and plant a sustainable garden.

Digitally Fluent:

- Students will continue to expand their knowledge of apps that can have their message reach people beyond the school community.