



## **GreenUP Ecology Park PROGRAM GUIDE FOR ELEMENTARY GRADES**

Welcome to GreenUP Ecology Park! This is a unique place in the heart of Peterborough , where people of all ages discover a lasting friendship with the natural world. It is an outdoor centre for researching and celebrating ways of caring for the places where we live, work and play.

Our dynamic, hands-on education programs focus on Ontario curriculum and bring children's curiosity and wonder to life!



## OUR PHILOSOPHY

GreenUP Ecology Park is a non-profit centre for learning and sharing a new environmental vision for our communities. Our educational programs aim to bring natural processes, mindfulness and respectful actions into our daily lives, and to teach the skills we need to live sustainably. Themes such as food, habitat, life cycles, seasons, and biodiversity are woven throughout the activities and unique spaces in GreenUP Ecology Park.

We promote an understanding of the Peterborough bioregion. Plants and animals native to our area play a starring role in our activities, as we explore systems that link their lives with our own.

**Cost per student: \$6.00 subsidized**

**Programming Length: 2 hours**

**Class Sessions: 9:30 – 11:30 am, 12:30 – 2:30 pm**

**Season: May, June, September, October**

Classroom sessions are available upon request as well as during the winter months. Please contact GreenUP directly with inquiries.



## How to Schedule Your Class to Visit GreenUP Ecology Park

Step 1: Please select ONE or TWO program options from the list below. We have suggested targeted grades to meet Ontario curriculum deliverables, however can provide alternative programs to meet student's interests and area of study from Kindergarten through Grade 8.

**Pollen Power** : Pollinators and Plants –This exciting, bee-positive program highlights our local and global dependency on pollinators. Students will practice environmental stewardship and sustainability as they learn what we can do to care for our pollinators through interactive, hands-on exploration and inquiry.  
Grades: K - 4

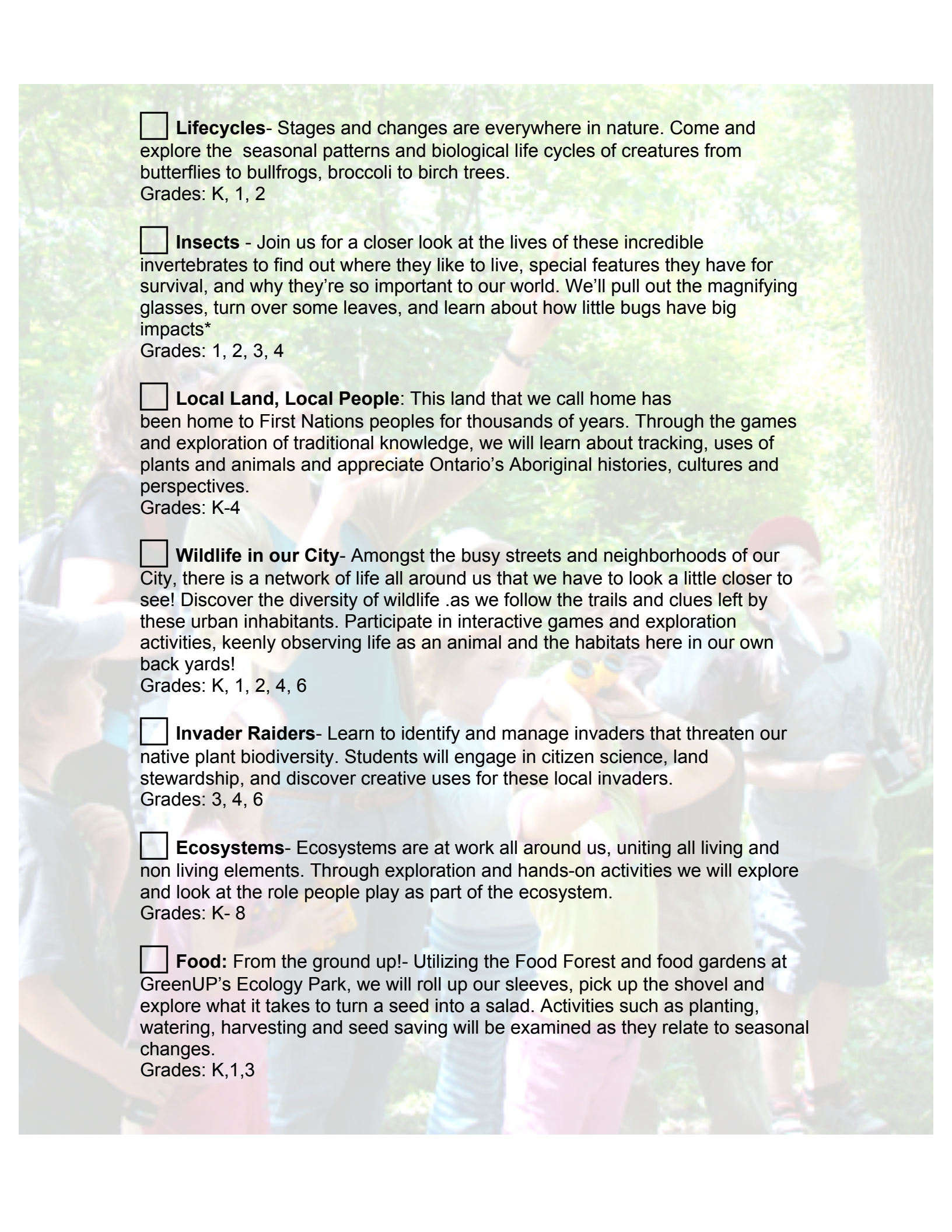
**The Great Water Migration** – Water is essential for life on our planet. What can we do to keep our water swimmable, livable, fishable and drinkable? We will explore water filtration systems, watersheds and aquatic habitats.  
Grades: 2- 5

**Soils, Erosion and Compost** – Celebrate soils! We will learn about the particles that make up soil, the critters that call soil their home and the super-hero of soil – compost! Together we will explore erosion through hands-on games and demonstrations; examine soil samples under the microscope and get our hands dirty!  
Grades: K – 4

**Seasonal Changes** in and around Peterborough – How do our changing seasons affect the critters that live around us? Join us as we shine the spotlight local critters, their habitats and how the seasons affect their needs and behavior. This program changes with the seasons.  
Grades: K, 1, 2, 4

**Plants , Trees and Seeds** – It is amazing how one tiny seed can grow into a strong tree or a blossoming plant. Unlock the magic of seeds, plants and trees with hands-on exploration, scavenger hunts and games.  
Grades:1, 3, 4





**Lifecycles**- Stages and changes are everywhere in nature. Come and explore the seasonal patterns and biological life cycles of creatures from butterflies to bullfrogs, broccoli to birch trees.

Grades: K, 1, 2

**Insects** - Join us for a closer look at the lives of these incredible invertebrates to find out where they like to live, special features they have for survival, and why they're so important to our world. We'll pull out the magnifying glasses, turn over some leaves, and learn about how little bugs have big impacts\*

Grades: 1, 2, 3, 4

**Local Land, Local People**: This land that we call home has been home to First Nations peoples for thousands of years. Through the games and exploration of traditional knowledge, we will learn about tracking, uses of plants and animals and appreciate Ontario's Aboriginal histories, cultures and perspectives.

Grades: K-4

**Wildlife in our City**- Amongst the busy streets and neighborhoods of our City, there is a network of life all around us that we have to look a little closer to see! Discover the diversity of wildlife .as we follow the trails and clues left by these urban inhabitants. Participate in interactive games and exploration activities, keenly observing life as an animal and the habitats here in our own back yards!

Grades: K, 1, 2, 4, 6

**Invader Raiders**- Learn to identify and manage invaders that threaten our native plant biodiversity. Students will engage in citizen science, land stewardship, and discover creative uses for these local invaders.

Grades: 3, 4, 6

**Ecosystems**- Ecosystems are at work all around us, uniting all living and non living elements. Through exploration and hands-on activities we will explore and look at the role people play as part of the ecosystem.

Grades: K- 8

**Food**: From the ground up!- Utilizing the Food Forest and food gardens at GreenUP's Ecology Park, we will roll up our sleeves, pick up the shovel and explore what it takes to turn a seed into a salad. Activities such as planting, watering, harvesting and seed saving will be examined as they relate to seasonal changes.

Grades: K,1,3



**Power & Alternative Energy**-The future is bright if we look at alternatives to fossil fuels. In this hands-on program, students will examine the power of wind, water and sun and experiment with using the sun and earth as an energy source. Can we cook food using the sun's energy? What are renewable and non-renewable forms and energy? Let's watch the windmill turn as we examine our role as stewards of the planet!

Grades:2, 4, 5,7



**Students with exceptionalities** – please feel free to select this option above your program themes, if you have students who may need alternative engagement activities and/or attends with an Educational Assistant. Our Education Programs Coordinator will contact you for more information.

## Step 2: Scheduling Options

GreenUP Ecology Park schedules school programs on Tuesdays and Wednesdays during the months of September, October, May and June.

Be sure to provide TWO alternative dates in case the time slot is already reserved, or if there is inclement weather.

### **Scheduling Times Available:**

**Morning Program: 9:30 am – 11:30 am**

**Afternoon Program: 12:30 pm – 2:30 pm**

Please be sure to arrange transportation arrival at school and pick up at the park, at least 15 minutes before and after scheduled teaching time, to ensure quality instruction of our programs.

Date: \_\_\_\_\_

Alternative Date #1 \_\_\_\_\_

Alternative Date #2 \_\_\_\_\_

Morning Program  Afternoon Program



## Step 3: Payment Options

GreenUP is a registered, non profit charitable organization. School programs at GreenUP Ecology Park are subsidized through generous donations of individuals, foundations, grants, and sales from the GreenUP Ecology Park native tree nursery. Special thanks to the City of Peterborough and Peterborough Utilities Corporation for their long standing contribution to our environmental education programs. The subsidized rate for this year is \$6 \ student.

### **Option 1: “Two Themes \ Two hours” visit**

\$6 per student + transportation costs  
morning & afternoon times (see schedule page for offered dates and times)  
See ‘Sample Programs’ for details

### **Option 2: “Three Seasons Program”**

\$20 per student + one bus transportation subsidy  
Students experience deep learning and connection with nature through this unique 6-hour, 3 season program. Students join us during the fall and spring exploring 4 themes, as well as a special visit to your class during the winter months. This program also includes one full bus subsidy in spring or fall  
See ‘Sample Programs’ page for details

### **Option3: “Fill the Bus” subsidy**

In recognizing climate change and the increasing costs of bus transportation, we have limited bus subsidies for schools. Schools must coordinate two classes at the same time (but not the same grade) and schools must be within Peterborough County. Please fill out transportation subsidy form along with your scheduling request.  
\$6 \ student

### **Program Options**

- Option #1 “Two Themes \ Two hours” visit ( \$6 student x \_ students = \$ \_\_\_\_\_
- Option #2 “Three Seasons Program” \$20 student x \_\_\_\_\_ students = \$ \_\_\_\_\_
- Option # 3 “Fill the Bus” subsidy \$6 students x \_\_\_\_\_ students = \$ \_\_\_\_\_ *plus transportation subsidy form request*

Step 4: I am ready to book!

Save your brochure options and email them back to:

GreenUP Education Coordinator, Carolyn Ross at :

**carolyn.ross @greenup.on.ca** , or call 705 -745 -3238 ext 216

For GreenUP Ecology Park inquiries, contact Park Manager , Marcy Adzich at:

**marcy.adzich@greenup.on.ca** , or call 705-745 3238 ext 212

