

**Programs (Grade):** All programs are **\$130.00**

<p><b>1. Creatures with Wings and Crawly Things (K to 3)</b> Is it an insect or not? Learn about the characteristics and needs of insects with the help of Pierre, the Praying Mantis puppet, through songs, poetry and live specimens. Discover their connection to plants. <b>ENGLISH &amp; FRENCH</b></p>	<p><b>2. Insects in Winter (3 – 8): November to March</b> Ever wonder what happens to insects in the winter? Do they all migrate like the Monarch? Explore how they use plants to survive the winter.</p>
<p><b>3. Plant Parts and Pumpkins (K-3)</b> What are they different parts of a plant and how do they work to keep the plant alive? We'll take a special look at pumpkins, too.</p>	<p><b>4. Seeds on the Go (3 to 12)</b> How do plants move around and start to grow in new areas? Did you or something else help them?</p>
<p><b>5. Pollination Partners (3 to 12)</b> Are insects and birds able to pollinate the same plant? What determines what a pollinator pollinates? Why is pollination mutually beneficial, and how does it affect your life?</p>	<p><b>6. Growing Seeds (3 – 12)</b> What conditions do seeds need to grow? How have these seeds adapted to their environment? We'll examine these and other questions as well as planting some of our own seeds to get ready for spring. <b>ENGLISH and FRENCH</b></p>
<p><b>7. Colours in Nature (3 to 7)</b> Colour is for warning, enticement or camouflage. Some plants and animals have specific colors and patterns. Explore what these are, what they are for and how they help with survival.</p>	<p><b>8. Chocolate: From Rainforest Treasure to Sweet Treat (4 to 8)</b> chocolate has been many things to many people over the years. Learn about the life cycle of the Cacao tree, then journey through history to get the complete story behind the tasty treat that we call chocolate. Finally discover the role and impact of chocolate on the rainforest ecosystems where it grows.</p>
<p><b>9. Good Things come in Trees (3 to 12)</b> Did you eat or use a plant today? No? Think again – what did you eat for breakfast? Did you brush your teeth? Did you travel to school by bus, car or bike? Let's find out how many plants we rely upon.</p>	<p><b>10. Plant Adaptations: Mediterranean Biome (4 to 12)</b> How do plants survive in extreme environments? We will examine the plant adaptations of the ecosystem to discover how structure and function help them survive and support the ecosystem.</p>
<p><b>11. Wetland Ways (4 to 12)</b> What makes up a wetland? How do plants and wildlife depend on each other? How do we depend on wetlands and what can we do to preserve them?</p>	<p><b>12. Plant Adaptations: Wetlands (4 to 12)</b> How do plants survive in extreme environments? We will examine the plant adaptations of the ecosystem to discover how structure and function help them survive and support the ecosystem.</p>
<p><b>13. Human Impacts on Ecosystems (7 to 12)</b> When you go for a walk in a forest, a meadow or a wetland, is it the same as it was 100 years ago? Probably not. We'll explore the stressors of Cootes Paradise (Class 1 wetland) and what is being done to restore this marsh.</p>	<p><b>14. Species-at-Risk (4 to 12)</b> Polar bear, panda, tigers are all threatened. In Canada alone, there are over 500 rare and endangered species such as the Blanding's turtle. Explore how changes in habitat affect native species. Discover what is threatening your flora and fauna and how you can help.</p>
<p><b>15. Photosynthesis (9-12)</b> Green plants are the only plants that produce oxygen and make food, which is called photosynthesis. Explore how the plant's structures are involved and the adaptations plants have to carry out photosynthesis in different environments.</p>	<p><b>16. Plant Diversity (7 to 12)</b> How long have plants been on earth? What structural features evolved that enabled them to colonize a variety of terrestrial habitats? How did animals influence the evolution of plant varieties? Explore these questions and more while taking a trip through plant time.</p>
<p><b>17. Organic Gardening (7 to 12)</b> Why are farmers and gardeners turning to organic practices? What are the advantages and disadvantages? Can you use these techniques in your school garden or greenhouse?</p>	<p><b>18. Healing Plants (9 to 12)</b> Ever wonder where modern medicines originated from. Did you know that over 80% of the world's population uses plants as medicine (and you probably do too!)? Let's look at what plants are used and how they help heal.</p>
<p><b>19. Plants in our Holiday Traditions (7 – 12; adult):</b> When you think of this time of year, what smells and colours come to mind? Pine, gingerbread, mulled cider, green, and red? These are related to plants that have been used to celebrate our winter holidays for over 2,000 years within different cultures. Explore these plants and their amazing stories from ancient times.</p>	<p><b>20. Welcome to Royal Botanical Gardens (RBG): (Educators) FREE</b> Discover what our programs are by participating in this videoconference featuring interactive snippets. Be prepared to have some fun! Discover what your students might be doing. Ask questions about the presentations as well as the technology.</p>