

Life Science Nature Youth Week - July 18 to July 22

This will be a week of fun and experiential learning. It will offer an exploratory ecological and natural sciences program for youth 13 years of age and older.

- Learning identification and ecology of various habitats and life forms, including plants, birds, invertebrates, lichen and fungi;
- Sampling techniques used in the natural sciences and designing and implementing a sampling protocol on the beautiful and natural Tapiola property;
- What plants are safe to eat and which are poisonous, including opportunities to try out some of the natural nourishment that the land has to offer;
- Measuring trees and determining their species, size and age.
- Constructing homes for pollinators. Students can take these home or donate them to Tapiola.

	Monday	Tuesday	Wednesday	Thursday	Friday
9:00	Meet and greet	Trail walk	Trail walk	Trail walk	Trail walk
	Trees and shrubs	Insects and invertebrates	Herbs and mosses	Birds- common bird calls	Lichens and fungi
	break				
	Interpretive walk	Insect sampling methods. Edible and	Edible and medicinal plants	Bird counts	Lichen sampling- what can lichens tell us about air
12:00	Lunch				
	Measuring trees- Size, Species, Age	Solitary bee homes/ pollinator boxes	Measuring diversity. Wild tisanes (herbal teas)	Nature observation and drawing	Stream sampling- invertebrates and water
	Free time- swimming, frisbee, exploration,	Free time- swimming, frisbee, exploration,	Free time- swimming, frisbee, exploration,	Free time- swimming, frisbee, exploration,	Free time- swimming, frisbee, exploration,
3:00	Home time	Home time	Home time	Home time	Home time

What to Bring: Light-weight long sleeved shirts and pants (bugs!), rubber boots and closed-toed shoes, swimsuit and water shoes (no flip flops please). A water bottle, packed lunch, clothing for the weather (e.g. rain gear, hats etc.) and a change of clothes.

Biologist Keri Pidgen-Welyki has over 20 years of experience in the biology, ecology and natural resources field. She has worked with various organizations including Lakehead and Trent University, Parks Canada, Ontario Parks, and the Ontario Ministry of Natural Resources.