



AGRICULTURAL WINTER FAIR

## Ontario Curriculum Connections

Grade 9

Subject: Science

Strand: Biology

Features	Grade	Curriculum Expectations	
Education Ring and Education Centres throughout The Fair including Farm to Table Discovery Zone	9 Academic	B1.1	- assess, on the basis of research, the impact of a factor related to human activity that threatens the sustainability of a terrestrial or aquatic ecosystem <a href="#">Visit the Grain Farmers of Ontario and ask about their sustainability practices.</a>
		B2.3	-plan and conduct an investigation, involving both inquiry and research, into how a human activity affects soil composition or soil fertility <a href="#">Visit the Field Crop Display, Grain Farmers of Ontario display, and ask the farmers and gardeners about the soil they use.</a>
		B3.3	-describe the limiting factors of ecosystems (e.g., nutrients, space, water, energy, predators), and explain how these factors affect the carrying capacity of an ecosystem <a href="#">Visit Live Green Toronto and discuss the limiting factor of space when it comes to growing an urban garden.</a>
		B3.5	identify various factors related to human activity that have an impact on ecosystems and explain how these factors affect the equilibrium and survival of ecosystems. <a href="#">Visit the Live Green Booth and discuss how urban sprawl has had an impact on the ecosystem and ways Live Green Toronto are trying to combat these issues.</a>
	9	B1.1	-analyze, on the basis of research, how a human

	Applied		<p>activity (e.g., urban sprawl, use of pesticides and fertilizers, creation of pollution, human interaction with wildlife) threatens the sustainability of a terrestrial or aquatic ecosystem</p> <p>Visit different crop education centres and find out their techniques and procedures to protect the environment they farm on.</p>
		B1.2	<p>-assess the effectiveness of a local initiative of personal interest that seeks to ensure the sustainability of a terrestrial or aquatic ecosystem</p> <p>Visit the Live Green Toronto booth and learn about the environmental initiatives in place in Toronto.</p>
		B2.4	<p>-plan and conduct an inquiry into how a factor related to human activity affects a terrestrial or aquatic ecosystem</p> <p>Visit the Live Green Booth and discuss how urban sprawl has had an impact on the ecosystem and ways Live Green Toronto are trying to combat these issues.</p>
		B3.4	<p>-identify some factors related to human activity that have an impact on ecosystems.</p> <p>Visit OFVGA and learn about their Waste-Free Ontario initiatives.</p>