



AGRICULTURAL WINTER FAIR

## Ontario Curriculum Connections

Grades 1-3

Subject: Science

Strand: Understanding Life Systems

Features	Grade		Curriculum Expectations
Education Ring and Education Centres throughout The Fair including Farm to Table Discovery Zone	1	1.2	-describe changes or problems that could result from the loss of some kind of living things that are part of everyday life (e.g., all the cows, all the insects) taking different points of view into consideration. <a href="#">e.g., the point of view of farmers, children, parents.</a>
		2.2	-investigate and compare the basic needs of humans and other living things, including the need for air, water, food, warmth and space. <a href="#">Learn what it takes to care for pigs at the Pig Mobile.</a>
		2.3	-investigate and compare the physical characteristics of a variety of plants and animals, including humans. <a href="#">Look at the animals, ask students to describe the characteristics of cows, sheep, bees, alpacas, goats, etc.</a>
		2.4	-investigate the physical characteristics of plants and explain how they help the plant meet its basic needs. <a href="#">Visit the agriculture display and learn how farmers grow Giant pumpkins.</a>
	2	2.1	- follow established safety procedures and humane practices specific to the care and handling of live animals, where appropriate. <a href="#">Learn how to safely pet and feed animals at the Petting Farm.</a>
		2.2	-observe and compare physical characteristics (e.g., fur or feathers; two legs or no legs) the behavioral characteristics of a variety of animals, including insects, using student generated questions. <a href="#">Visit the animal education centres of two animals and ask questions to students about the different characteristics of these two animals- What are the differences between a sheep</a>

			and a goat in relation to size, fur, colour, etc.
		2.3	-investigate the life cycle of a variety of animals See pigs at various stages of their life from a few weeks old to full adults with piglets of their own in the Pig Mobile.
		2.7	-use appropriate science and technology vocabulary, including life cycle, adaptation, body coverings. Ask questions to the various farmers about the life cycle of dairy goats at the goat education centre.
	3	1.1	-assess the ways in which plants are important to humans and other living things, taking different points of view into consideration and suggest ways humans can protect plants . Plants are important to farmers because they provide a source of income, why are they important to you? Visit the agriculture displays to find out.
		1.2	-assess the impact of different human activities on plants, and list personal actions they can engage to minimize harmful effects and enhance good effects. Visit the Live Green Toronto display and learn how to make planters from recycle newspaper.
		2.2	-observe and compare the parts of a variety of plants Observe two grains at the Grain education centre and ask students to compare them.
		2.6	-use appropriate science and technology vocabulary, including stem, leaf, root, pistil, stamen, flower, adaptation, and germination. Visit the Grain Farmers of Ontario display and ask the farmers the planting process of the crops.