



Activity List: Grades 9 – 12

A collection of independent activity ideas, online play, interactive websites and agri-educational videos for your students.

Register once and login anytime to visit the platform and start your own agriculture adventure.

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Online Play











Printable Activities









Video







	BOOTH NAME	ACTIVITY	TYPE	DESCRIPTION
AGRICULTURE ZONE	RAWF Education Resource Centre	Quizziz Challenge		How well do you know agriculture? Take the Quizziz to find out!
	Nutrients for Life	Series of short videos on Soil Science		Feeding the World (5 minutes) Plants Require Food Too (5 minutes) H2Know – Lake Erie Water Quality (7.5 minutes)
		Help Feed the World Responsibly		Follow the 4R's to help the farmer apply nutrients to the soil to grow crops efficiently: Water, Nitrogen, Phosphorus, Potassium. Can be played multiple times to achieve a better score/result.
		Journey 2050		Choose your own "ag-venture". Be a farmer and help create farms to feed the world. Challenge can be completed in 7 hrs or choose specific topics to learn about.
		Interactive Periodic Table		Interactive PowerPoint Periodic Table that teaches about which elements help plant growth
	Live Green Toronto Rethink Food	Make it Local		2 booklets of fresh and nutritious local food recipes. Learn about what is available from local farmers and how to cook it.
	John Deere	History of Harvesting Innovation		Video showing the history of technology and farming (5:09 minutes)
	AgScape	Organic and Conventional Agriculture		A digital escape room game to learn more about Organic and Conventional Agriculture. Use the clues to break out of the "room"!
		The Story of your Lunch		Finish the comic worksheet and the story of where your lunch comes from!






AGRICULTURE ZONE

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AgScape	Various "Meet a farmer" videos and more.		<ol style="list-style-type: none"> 1. Join the farmers to learn more about what they do everyday. 2. Beekeeper (35 minutes) 3. Sheep Farmer (25 minutes) 4. Trout Farmer (30 minutes) 5. Make strawberry ice cream at home (30 minutes)
Good in Every Grain	Grain Farming Videos		Virtually see how Ontario grain farmers grow their crops and the sustainable practices they use to keep our soils and grains healthy (19 short videos, approximate 30 minutes total)
	Sustainability and Ontario Grains Quiz		Learn more about how #YourFarmers are growing grains sustainably and protecting our environment. 13 questions.
Egg Farmers of Ontario	Virtual Eggs-perience!		Visit and explore the new interactive Ontario egg farm.
	Meet our Egg Farmers		Meet 8 of the approximately 500 egg and pullet farm families in Ontario! Learn why our farmers love providing safe, affordable eggs for local families all across Ontario!
	Life on an Egg Farm Activity Sheets		<ol style="list-style-type: none"> 1. Learn more about egg farming with these activity sheets: 2. Eggs-periments, Science fun using eggs! 3. Paper square craft
Ontario Fruit and Vegetable Growers Association	Essential Seasonal Farm Worker Perspective		Essential Seasonal Farm Workers: A Canadian Experience. Multiple videos and fact sheets to explore this important role.
	Ontario Strawberry and Pickling Cucumber Farm Video Tour		3 farm tour videos with Mclean Berry Farm and Froese Vegetables Inc. (15 minutes)

AGRICULTURE ZONE

BOOTH NAME	ACTIVITY	TYPE	DESCRIPTION
4-H Ontario	Select an animal for 4-H Competition		You've seen the youth competing with their animals at The Royal, watch these 3 videos to learn how they pick their show animals (5 min) <ol style="list-style-type: none"> 1. Beef 2. Dairy 3. Sheep
Farm & Food Care	Ontario Farm Food 360°		More than just a video farm tour, control your 360° view! <ol style="list-style-type: none"> 1. Beef Farm 2. Chicken Farm 3. Turkey Farm 4. Pig Farm 5. Milk and Cheese Processing 6. Dairy Cattle Farm 7. Grain Farm 8. Sheep Farm 9. Egg Farm 10. Egg Processing Facilities 11. Canadian Feed Mill 12. Oat Farm and Processing 13. Apple Orchard
Ontario Federation of Agriculture (OFA)	3 Interactive Classic Word Games		Interactive game about local food and local farms. <ol style="list-style-type: none"> 1. Six by Sixteen Apple Crumble Crossword 2. Six by Sixteen Food Word Search 3. All About Agriculture in Ontario Match Game
	Six by Sixteen's Virtual Challenge		OFA's food literacy initiative aims to arm youth with the food literacy skills they need to make lifelong healthy lifestyle choices. 11 short videos with cooking tips and tricks.
	Farm Fact Videos		<ol style="list-style-type: none"> 1. Two Farm Fact videos from OFA 2. Harvesting Corn (7 minutes) 3. Harvesting Wheat (13 minutes)
Turkey Farmers of Ontario	Turkey TV!		Six different videos, all about Turkeys! <ol style="list-style-type: none"> 1. Turkey TV: Life on the Farm 2. Turkey TV: Organic Turkey Farm 3. How Turkeys Grow 4. Life on the Farm 5. What Turkeys Eat 6. Care for Turkeys

	BOOTH NAME	ACTIVITY	TYPE	DESCRIPTION
AGRICULTURE ZONE	Ontario Pork Ontario	Ontario Pork Virtual Experience		Visit and explore the new interactive Ontario Pork virtual booth and the popular Pig Mobile.
		Pork Videos		<ol style="list-style-type: none"> 1. Learn more about pig farmers and pig farming with these 5 videos. 2. Being a Pig Farming Family 3. Caring for Pigs 4. Biosecurity on a Canadian Pig Farm 5. Safety in Farrowing 6. 360 Canadian Pig Farm Tour
		Chatterbox Folding Game		Cut, fold and quiz your friends with the Ontario Pork Fun Facts Chatterbox
	Ontario Beef	All About Ontario Beef		Any question you have about beef is covered in these 24 videos.
THE ROYAL PAVILION	President's Choice SuperDogs.	The Amazing World of SuperDogs		<p>Watch these videos to find out fun facts that make dogs "super" and learn a trick or two to teach your dog!</p> <ol style="list-style-type: none"> 1. Herders Gonna Herd 2. Paw Preference 3. Dog Body Awareness 4. The Amazing World of SuperDogs 5. The Look of Love 6. High-Flying Dogs 7. Super Smellers 8. Dogs & Language 9. Name that Toy
	The Royal Ambassador	Duke Videos		<ol style="list-style-type: none"> 1. Duke , The Royal Ambassador: 2. Duke, The Silkie Frizzle 3. Duke Says Hello 4. A Royal Welcome from Duke

EXHIBITION HALL	EXHIBITION HALL DESCRIPTION
<p>Grow Your Skills Exhibit Hall</p>	<p>We see the Future in their Future: Our youth are full of potential. With the world of work changing, we need to help ensure that they are prepared for what's next. 'Grow Your Skills' presented by RBC Future Launch is a virtual environment where youth 15-25 can learn about jobs in the Agri-Food sector, as well as discover new ways to develop a personal brand and continue their professional development. RBC, AgCareers, AgScape and the Rural Ontario Institute have partnered with the Royal to create a robust content hub to help young Canadians with their next steps for both education and careers in the Agri-Food space and beyond. Attendees can look forward to engaging webinars (RBC Learning Sessions), a virtual career fair (expired), professional development tools, and networking opportunities, empowering youth for the jobs of tomorrow.</p> <p style="text-align: center;">   </p>
<p>A Place To Grow Exhibit Hall</p>	<p>Experience and explore how science, technology, research, creativity, innovation and entrepreneurship are improving the ways we grow, think about, manage and enjoy food. Our world-leading approach to agriculture and food -- integrating insights into the environment, crops, animals, and ingredients -- is helping us to be healthier; creating new ways to learn; generating jobs; ensuring a steady supply of healthy, safe and nutritious food; and protecting nature and the nourishment it provides. Explore our latest and greatest discoveries, interact with our game-changing innovations, and connect with us in our aim to improve life at "Canada's Food University," the University of Guelph.</p> <p style="text-align: center;">    </p>