

Ontario Agricultural College: Teacher Resource Kit

Extending knowledge translation and mobilization, resources are themed around OAC strengths in food, agriculture, environment, and communities and will target several high school courses including biology, chemistry, environmental science, earth science, business, economics, world issues, geography, food and nutrition, and green industries.

OAC Lesson Plans

Free downloadable PDF lesson plans developed by OAC faculty and staff. OAC faculty have adapted teaching resources to meet Ontario high school curriculum objectives. Topics include the following:

- [Animal Housing – Think Inside the Box](#)
- [Cow Digestion](#)
- [The Buzz on Bees](#)
- [Climate Change: It's not all Doom and Gloom](#)
- [Why are Bees Struggling? How can we Help?](#)
- [Why is it so Hot in the City?](#)
- [Soil: An Essential Resource](#)
- [Food Sensory Perception](#)
- [How can Food Treat Cancer?](#)
- [What's on your Plate?](#)
- [Understanding Active Transport](#)
- [How does Plant-Based "Meat" Change the Menu?](#)
- [How can Dairy Genomics Fight Climate Change?](#)
- [How do Labels and Price affect our Grocery Decisions?](#)
- [Feeding 9 Billion: The Card Game](#)
- [The Fundamentals of Economics: Food and Agricultural Business](#)
- [Designing Outdoor Spaces: Landscape Architecture](#)
- [Biodiversity of Lawns](#)
- [How can Test Tubes Make 10 Million Trees?](#)

OAC Interactive Activities

Free interactive activities designed by OAC faculty and staff. OAC faculty have adapted their expertise to fit the high school classroom. Topics include the following:

- [The Real Cost of Food](#)
- [Bread Breakdown](#)
- [Soil Snow Globe](#)
- [Looking at Landscapes](#)
- [Biodiversity in Your Neighbourhood](#)

Request for Academic Materials

If you or your students are interested in receiving academic program information we will send it to you! Each package will include a University of Guelph viewbook and OAC program brochure(s) of your choice. Full class sets are available.