

Food Production of the Future.



# Today's Green Acres: The Ultimate Field Trip

An interdisciplinary experience for  
students grades K-12

Designed by Educators for Educators.



# Discover the science mind of your students...



## Aquaponics in a nutshell:

The grower feeds the fish. The fish produce waste in the water, which is used by the plants to make fresh produce. The water returns to the fish, cleaned of waste. This method of growing means more harvest in less space with less energy. A living eco system in a man made container.

Imagine a curriculum-based experience for your students where they can see everything from biology and ecology to chemistry, physics, and math in action. With hands-on activities for each grade level, students leave Today's Green acres with a real-world understanding of science.

Students of all grade levels can visit our working farm to learn about aquaponics and food production. Located in Elora, Tennessee, we are a convenient destination for students in Tennessee, northern Alabama and northern Georgia. The field trip experience includes a tour of our aquaponics greenhouses, which is fully aligned with national and state science standards, and can be tailored to emphasize topics of the teacher's choosing. During the tour, students can observe many different organisms, the food web at work, nutrient and water cycles, and learn about our food supply. Students are encouraged to engage in inquiry and follow their curiosity as they are guided through the farm greenhouses. Younger visitors are excited by the fish

and produce, and begin to understand the relatedness of organisms in an environment. Older students can explore more complex topics, such as nutrient cycling or the physics of flow. Every student also gets the chance to engage in hands-on activities related to the tour. Teachers are provided complete curriculum guides with additional extension activities.

For more information or to schedule your field trip, contact us:

256.679.9488 (cell)

[info@todaysgreenacres.com](mailto:info@todaysgreenacres.com)

[www.todaysgreenacres.com](http://www.todaysgreenacres.com)