



HANDS-ON AQUAPONICS EDUCATION



AQUAGROVETM
THE NEW AQUAPONICS

www.aquagrove.com/education

Aquaponics: The Science Of Sustainability

Aquaponics brings science and ecology to life. The AquaGrove provides a unique opportunity for students to simultaneously learn about the natural environment and how they can play a critical role in sustainability. By using aquaponics as an educational tool, educators can interactively teach valuable STEM concepts while empowering students to be leaders in conservation.

Get Involved: Hands-On Student Participation

Educational facilities and agricultural organizations share a common goal: teach students the science of sustainability to ensure a prosperous future for all. The AquaGrove system accomplishes this through hands-on experience and applied mathematical modeling with real time feedback. Quick and easy to customize for students of any age, a single AquaGrove contains a wealth of knowledge for several sciences, making it an ideal shared resource between multiple departments.

Look To The Future: Applied Predictive Modeling

Our world is experiencing dual demand pressures of population growth and increasing global standards of living, and aquaponics offers many exciting solutions to the production challenges being faced. Students will have the opportunity to apply their knowledge of sustainability and work together to explore and design solutions and models to address food security and renewable food sources.

Sustainable Growth: Rooted In Multiple Sciences

From construction to setup and maintenance of the system, students will have the chance to practice and apply concepts in engineering, life science, chemistry, technology, mathematics and the many areas of study in between. With the ability to install the system in a variety of climates and indoor spaces, any room becomes a classroom with the AquaGrove.



AQUAGROVE™ EDUCATION

AquaGrove uses natural, symbiotic relationships between fish and plants to provide nutrient rich food that is free of harmful chemicals. Using unique thermal tank technology, AquaGrove greatly simplifies the most difficult part of home growing: temperature control. Easy to set up, low maintenance, and with a compact footprint, AquaGrove doesn't require any special technical knowledge to install or operate. It's a wonderful educational tool for students of any age, teaching sustainable agricultural practices, earth sciences, and much more.

Customizable Curriculum Guide

With so much knowledge contained in a single unit, study guides and lessons are easily customizable for different levels of learning and timeframes and address the areas of STEM that are in high demand. Elementary, middle and high school students can all benefit from the guide and corresponding activities; the instructor may simplify or expand lessons to fit their current curriculum requirements and areas of interest. The learning modules can be studied over several weeks or an entire academic year, depending on needs and depth of study.



AVAILABLE COLORS MAY VARY

CUT-AWAY VIEW

Learning modules include but are not limited to:

- **Aquaponics: The Science of Sustainability**
- **Plant Life: Life Cycle and Care**
- **Fish Life: Species and Farming**
- **Aquaponics & Nutrition: Organic and Whole Foods**
- **Environment & Sustainability: Food Security and Sustainable Agriculture**
- **AquaGrove Fundamentals: System Setup and Maintenance**

Purchase Your Educational AquaGrove Today

Multiple departments can split the cost of a unit and share the rewards while every student comes away with valuable life lessons, enriched with applied experience, and a stronger resume applicable to a future in industry or academia. Contact AquaGrove to discuss standard or custom systems and enjoy the many benefits of aquaponics. In addition to a curriculum guide, worksheets and assessments, teachers will have access to grant writing resources and templates for fundraisers and sponsor support.

www.aquagrove.com/education 888.351.5332



I N S P I R E
P A S S I O N



Aquagrove offers agricultural solutions on a global scale...

...It's more than just a system for providing fresh, nutrient-rich food; it empowers students of all ages to become better leaders in resource management by giving them the tools they need to understand and apply the science of sustainability. An educational ecosystem, a single AquaGrove offers exciting hands-on learning opportunities that address the many areas of STEM learning, sustainable agricultural, earth sciences, chemistry and more. Students' discoveries will move beyond the text book to gaining a firsthand understanding of how to take care of the planet and ensure bountiful harvests that provide clean and sustainable food sources for generations to come.



AQUAGROVE™
THE NEW AQUAPONICS

888-351-5333

www.aquagrove.com/education