

AQUAPONICS

CAREER CONNECTIONS

Interests and Skill Sets

- Gardening
- Aquaculture
- Agriculture
- Business
- Critical Thinking
- Curious Nature
- Multi-tasking
- Detail-oriented
- Analytical problem solver

Jobs

- Technician
- Fish caretaker
- Plant specialist
- Engineer
- Educator
- Marketing
- Business management
- Aquaponics supply manufacturer
- Business owner

Courses and Degree Programs

- Agricultural Microbiology
- Horticulture, Research Horticulturist
- Aquaculture & Fisheries Science
- Sustainable Food Systems
- Phytopathology (Plant pathology)
- Controlled Environment Engineer
- Agricultural Scientist or Agricultural Engineer
- Business Administration

Writing Prompts

1. Tell a story about a day in the life of a fish or plant in the aquaponics greenhouse.
2. Design a manual for building your own hydroponics or aquaponics system.

Aquaponics or Hydroponics Video Links

- [Kid Engineer: Growing Plants with Fish/Design Squad](#)
- [Aquaponics Farm in Texas](#)
- [Growing Roots - This Farmer Is Taking Root On Your Rooftops // Discovery on Vidsee](#)
- [PBS News Hour/ Aquaponic farming saves water, but can it feed the country?](#)
- [Aquaponic farming you need to see](#)
- [Aquaponics: Jeamme Chia & Teresa Phiri at TEDxSLC](#)
- [Aquaponics and a new way of thinking TED talk w/ Sam Fleming](#)

Hydroponic or Aquaponic Activities and Articles

- [Exploring Aquaponics grades K-2](#)
- [Kidsgardening.org lesson plan hydroponics](#)
- [Stripping Away the Soil: Plant Growth Promoting Microbiology Opportunities in Aquaponics](#)
- [SparkFun Engineering Roundtable #21: Handheld pH sensor](#)
- [Cheap Homestead Mason Jar Hydroponics](#)
- [10 Garden Hacks for People who don't have a garden](#)