

# Mission Statement

We at stemcarts believe that the future of sustainable agriculture and environmental conservation lies in hydroponics, and are committed to teaching future generations about its applications and scope.

Hydroponics can be done indoors, locally anywhere, year-round, vertically (more plants, smaller footprint), with significantly less water, and without GMOs and pesticides; however, it is the marriage of plant science, ecology, chemistry, economics, engineering and technology that make it such a perfect fit for STEM programs.

So, we are excited to offer educators a one-stop-shop for everything needed to integrate this stimulating STEM field into their classrooms and curriculums.

## What the Teachers are Saying

“The students’ enthusiasm is overwhelming.”

“The plants are the first thing the students look at when they arrive in the morning.”

“Parents are asking how they can do more of this.”

“It’s extraordinary to witness the students problem solving and coming up with creative solutions.”

“The parents can’t believe that their kids enjoy eating what they grow.”



Our Hydroponic Production Facility  
Middletown, New York



**stemcarts**  
*Hydroponics for Education*

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

845-692-6245

# Educating in Soilless Science

Your Source for Hydroponic Supplies, Knowledge, and Assistance



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Northvale, NJ – 5<sup>th</sup> Grade

## Education

We help you integrate this highly engaging field into your classroom and curriculum, by providing equipment, support, and virtual class trips.

### Cover Topics Like:

- Conservation
- Sustainability
- Plant Biology
- Nutrient Cycles
- Biodiversity
- Stem Cells
- ... & many more

### Schools We Are In:

- Nothvale Public Schools, NJ
- Norwood Public Schools, NJ
- Tenafly Middle School, NJ
- Woodside School, Rivervale, NJ
- Ramapo Central SD, NJ
- Demarest Middle School, NJ



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## Hydroponic Carts

Mobile, and compact, our hydroponic carts move easily from classroom to classroom, utilize multiple hydroponic techniques, and come with everything you need to start growing immediately.

### Our Standard Carts Include:

- 12 Plant Deep Water Culture
- 16 Cutting Aeroponic Cloner
- 5 Plant Aquaponic System
- 2ft x 4ft Wheeled Cart
- 2 Shelves w/Grow-Lights
- Seeder w/Heat-Mat
- Maker-Space Area w/Aerator
- 1 Virtual Class Trip

## Virtual Class Trips

Offering students a comprehensive look at the real-world applications of hydroponics, our virtual class trips (via Skype™) are a guided tour of our hydroponic production facility; hosted by one of our hydroponic specialists, each session is tailored to any level.



www.stemcarts.com

## Support

Expert assistance from the beginning through each year, and every grow. Our specialists will guide you through your purchase, setup, and use of your hydroponic equipment.

### Services Include:

- 1 on 1 Setup and Instruction
- Troubleshooting via Skype
- Grant Resources
- Forums
- Instructional Videos
- Virtual Class Trips
- Custom Built Systems

### More:

#### Visit us online:

- [www.stemcarts.com](http://www.stemcarts.com)
- [www.cfhydroponics.com](http://www.cfhydroponics.com)

#### Visit our retail location:

- Cleatus Farms  
236 Livingston St.  
Northvale, NJ 07647  
(201) 768-3099

## Contact Us

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