YOUTH Garden Project Goals

Students from grades 4 thru 12 are eligible. Participants will learn to:

- Grow salad vegetables and herbs in a simple hydroponic system.
- Monitor their hydroponic plant crops by checking pH, electrical conductivity, temperature, and nutrient flow controls.
- Price their hydroponic crops at a competitive, market value.
- Identify strategies to grow salad greens and tomatoes within their home, school, or neighborhood center.
- Understand what is involved with becoming an agricultural entrepreneur.





Contact:

North Elementary School 825 Chestnut Ridge Road Morgantown, WV 26505

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Workshop Agenda

- 8:00 Workshop check-in
- 8:30 Welcome & start-up
- 8:45 Confirm YOUTH Garden Teams
- 9:00 Introduction to hydroponics
- 9:15 Teams pick up & check their hydroponic kit
- 9:30 Review & compare crop growth profiles & trial market prices
- 10:00 Intro to YOUTH Garden business plan and spreadsheets
- 11:30 Lunch and Taste Testing
- 12:30 Demonstration of putting together and operating YOUTH Garden plant growth systems
- 1:30 YOUTH Garden teams practice assembling their hydroponic system, choosing their initial crops, and completing "start-up" business plan materials
- 3:30 YOUTH Garden teams report out what crop(s) they've chosen to start their hydroponic system, and describe their plan for coordinating their team activities
- 4:15 Recap of events & next steps

Registration Form

Please detach this section and mail to North Elementary by <u>June 1 6, 2017</u>. Registration is limited. There is a \$25 registration fee that will be collected at the time of check-in to the workshop on <u>June 21, 2017 between</u> 8:00-8:30 at North Elementary School.

8:00-8:30 at North Elementary School.
Name of parent or adult team leader:
Name and age of youth team members:
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Address of parent or adult team leader:
Phone number for adult leader:
Email for adult leader:
School or Youth organization affiliation:
Proposed team name:

Send registration to:

North Elementary 825 Chestnut Ridge Road Morgantown, WV 26505

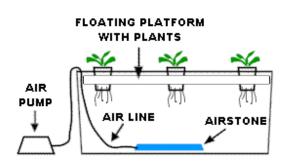
Registration deadline: June 16, 2017

Workshop Date: Wed, June 21, 2017

Workshop Time: 8:30–4:30

Things to Remember:

- A \$25 registration per team will be collected at the time of checkin to the workshop.
- Lunch will be provided.
- Teams may consist of 2-4 people.
 Each team must include an adult leader or a parent.
- Each team receives a hydroponics kit, seeds, and materials to guide their business plan and crop monitoring processes.



The Workshop Team



North Elementary School expands its fully-integrated garden-based learning program to include hydroponics through the efforts of principal Natalie Webb and kindergarten teacher Laura VanHorn. Partial funding for the YOUTH Gardens project is provided by a WVU College of Business Corporate Citizenship grant.

West Virginia University Cooperative Extension Service partners with North Elementary to help grow its garden-based learning curriculum. Tom McConnell, WVU Extension Small Farm Center Program Leader, will tell youth how to create a business plan.

PLANTS, LLC led by Laurie Ruberg, is a WV-based business that focuses on using hydroponic plant production systems to promote STEM education and youth entrepreneurship.

Wed, June 21, 2017 8:30 a.m. to 4:30 p.m. North Elementary School



YOUTH Gardens Workshop

Youth Operate, Understand, and Test Hydroponic Gardens -- growing salad greens while creating a business plan to market their hydroponic produce.

Preparing West Virginia youth for possible careers as tech-savvy, STEM-smart agricultural entrepreneurs