2018 Roster

Board of Directors
Ken Almaden, New Rochelle
Lee Von Elm, Somers
Willi Bills, Cortlandt
Ellen Lewis, Larchmont
Troy Lipp, White Plains
Don Mazzeo, Mt. Kisco
John Merrill, Rye
Mills Riplev, Mt. Kisco
Vicky Trumper, New Rochelle
Deb Taft, Sleepy Hollow

Gary Twehen, Tarrytown
Hon. Alfreda Williams, County Legislator
Adam Hughes State Environmental Specialist

Horticulture and the Environment Program Resource Committee
Ken Almaden, New Rochelle
Erna Capetanopoulos, Scarsdale
Ken Almstead, Rye Plains
Bob Yedowitz, White Plains
Vicky Sturner, Mamaroneck
Troy Lipp, White Plains

Susan Panerva, Sleepy Hollow

Nutrition and Consumer Sciences Program

Louis Diaz, Nutrition Educator/Supervisor

4-H Youth and Family Development Program

Dawn Reda, Nutrition Educator/Supervisor

Nancy Canwell, Community Educator

Patris Beamon, IT Deskside Support/Community Educator/

2018 Roster

Staff
Barbara Sacks, Executive Director
Administration – 914-285-4620

Judy Guglielmo, Finance Administrator
Martha Mochelich, Administrative Assistant/
Nutrition Data Manager

Horticulture, Natural Resources, and the Environment Program

Gerald Giordano, Senior Horticulture Educator
Amy Albaum, Horticulture Educator/Master Gardener

Adam Hughes, Horticulture Program Coordinator

Nutrition and Consumer Sciences Program

Lucy Diaz, Nutrition Educator

Nutrition Data Manager

4-H Youth and Family Development Program

Dawn Reda, Nutrition Educator/Supervisor

Luz Diaz, Nutrition Educator

Nutrition Data Manager

4-H Youth and Family Development/4-H Program Resource Committee

Robyn Brown, New Rochelle
Steve Mulligan, North Salem
Emory Nager, North Salem
Jack Robbins, Darien, CT
Gregorian Rollins, Purchase

Jim Wood, Sleepy Hollow

Partners and Collaborators

New York State Office of Parks, Recreation and Historic Preservation
New York State Office of Energy Research and Development Authority
New York State Office of Public Libraries
New York State Tourism and Landscape Association
New York State Turfgrass Association
New York City Department of Environmental Protection

New York

NYS IPM Program at Cornell University, Geneva

NYS Office of the Comptroller, Albany
North Castle Public Library
OPUS - Organization of People Undaunted by Stroke, NY/CT
The Others, Rye

Outisng Children's Center
Outisng Community Garden
Outisng Farmers Market
Park Avenue School, Port Chester
Parsons Memorial, Harrison
Pearsall Road School, Yonkers
Peekskill City School District
Peekskill Garden Club
Peekskill High School
Peekskill Youth Bureau

Pepisco, Purchase

Pepsi Bottling, Danbury, CT

Pfizer, Inc.

Philelpe Manor Hall State Historic Site, Sleepy Hollow
Pleasant View Farm, Brewster
Pleasantville Children's Center
Pleasantville Community Garden
Pleasantville Public Pool
Pocantico Center Conference, Sleepy Hollow
Pocantico Hill School, Sleepy Hollow
Port Chester Civic Center
Pound Ridge Elementary School

Preservation Company, Peekskill
Preston School, West Harrison
Primrose Elementary School, Lincolnville, NY
Project Hope, Peekskill
Pravyn Sanctuary, Saw Mill River Audubon Society, Chappaqua
Pulaski Elementary, Yonkers
Putnam/NY BOCES, Yorktown

Ripowam Cusqua School, Mt. Kisco
Riverside Heath, Yonkers
RJ Bailey Elementary School, Greenburgh
Rocheambeau Alternative High School, White Plains
Rosendale Nursery, Hawthorne

Rotary Club, East Yonkers
Rutgers, The State University of New Jersey
Sail Training Laboratory, New Brunswick, NJ
Rutgers, The State University of New Jersey, Plant Diagnostic Laboratory/Ralph Griner
Turfgro Education Center, New Brunswick, NJ
Rye Farmers Market

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Partners and Collaborators

Anthony Veteran Park, Greenburgh
Arboretum, Port Chester
Bakwin Estate, Osinga (program venue)
Bedford 2020 Earth Day
Bedford Hills Correctional Facility
Bedford Road Elementary School, Pleasantville
Bethel Baptist Church, White Plains
Bowen Memorial Baptist Church, Mt. Vernon
Bracy Apartments, New Rochelle
Brookside School District
Byluna Farm, Lewisboro
Galacino Houses, Yonkers
Career Achievement Center, Port Chester, Rye
Center for Continuing Education, Yonkers
Chappaqua School District
Child Care Council of Westchester, Scarsdale
City of Mt. Vernon
City of New Rochelle
City of Peekskill
City of Rye
City of White Plains
City of Yonkers
Claver-King, Yonkers
Community Center of Northern Westchester, Katonah
Concord Road School, Ardsley
Connecticut Agricultural Experiment Station, New Haven, CT
Connecticut Department of Energy and Environmental Protection
Consolidated Edison
Cornell Cooperative Extension of Dutchess County, Millbrook
Cornell Cooperative Extension of Putnam County, Brewster
Cornell Cooperative Extension of Monroe County, Rochester
Cornell Cooperative Extension of Nassau County, Hempstead
Cornell Cooperative Extension of Orange County, Middletown
Cornell Cooperative Extension of Rensselaer County, Troy
Cornell Cooperative Extension of Rockland County, Stony Point
Cornell Cooperative Extension of Suffolk County, Riverhead
Cornell Cooperative Extension of Sullivan County, Liberty
Cornell Cooperative Extension of Tompkins County, Ithaca
Cornell Cooperative Extension of Ulster County, Kingston
Cornell University, Ithaca
Cornell Urban Horticulture Institute, Ithaca
Cornell Waste Management Institute, Ithaca
Croton Earth Day, Croton
Croton Public Library, Croton-on-Hudson
Cross Hill Academy, Yonkers
Cuddy & Feder, White Plains, NY
Daniel Webster Magnet School, New Rochelle
Davenport Park-Shaker School, New Rochelle
Den Bosc Community Center, Port Chester
Dew's Lane School, Irvington
Dutchess, Putnam, Westchester Farm Bureau, Edward Williams School, Mt. Vernon
Family Self-Sufficiency (FSS)/Hartley House, New Rochelle
Family Services of Westchester, Mt. Vernon, Osinga, White Plains
First Congregational Church of Chappaqua (Program Venue)
Friends of Purchase Library
FSSW Homestead (Family Service Society of Yonkers)
FSW Community Education, Housing sites in New Rochelle, Port Chester, Rye
PSW Early Childhood, White Plains
FSW, Slater Center, White Plains
George Washington Elementary School, Mahopac Lake
Good Counsel Homes, Harrison
Grace Church, White Plains
Graham Elementary, Mt. Vernon
Greenburgh Health Center, White Plains
Greenburgh Nature Center, Scarsdale
Greystone Foundation, Yonkers
Guidance Center of Westchester, Mt. Vernon
Hackley School, Tarrytown
Hamilton Elementary School, Mt. Vernon
Har's Brook Park & Preserve, Bartdalt
Hart's Brook Farm, Mount Kisco
Hastings Narva Special
Hawthorne Elementary School, Hawthorne
Healthy Yonkers Initiative (HYI), Yonkers
Hort Society of America, NY Unit
Hilltop Haven Farm, Yorktown Heights
Hillside Elementary, Hastings-On-Hudson Hudson River Audubon Society
Hudson River Health Center, Peekskill
Hudson River Museum, Yonkers
Hudson Valley Wool Works, Bedford
Hugh Ureetree School, Pelham
Illesheim Elementary, Pelham
IBM, Nanuet & Yorktown
Irvington Beautification Committee
Izaac Young Elementary School, New Rochelle
Jacob Purdy House, NY State Historic Site, White Plains
Jefferson Elementary, New Rochelle
Jennie's School, Mt. Kisco
Job Star, Westchester Community College, Valhalla
John C. Hart Memorial Library, Shrub Oak
John F. Kennedy Elementary, Port Chester
John Paulding School, Yorktown
John Jay Homestead State Historic Site, Katonah
Journal News, White Plains
Katonah Elementary School
Katonah-Mount Kisco, Valhalla
Lakeland Cupper Beech Middle School, Yorktown
Lanza Foundation
Larchmont Avenue Church, Larchmont
Larchmont Community Garden
Larchmont Gazette
Landon Park and Veteran's Memorial Arbor, Somers
Lea F. Jackson School, White Plains
Leinen Preserve, Yonkers
Leviboro Community Garden
Leviboro Library
Lexington Center for Recovery, Mt. Kisco
Lincoln Towers, New Rochelle
Lincoln Farm, Pound Ridge (Site Visit)
Literacy Volunteers of Westchester
Literacy Zone Adult and Family Education
Program, Osinga
Livingston Animal, Yonkers
Livingston Adult Day Services Center, Sound Shore Hospital, New Rochelle
Lyndhurst Castle Farm, Tarrytown
Mamaroneck Mayor's Advisory Committee on Water Quality, Mamaroneck
Mamaroneck Avenue Elementary School, White Plains
Marianiales on Hudson, Osinga (Program Venue)
Martin Luther King Jr. Magnet School, Yonkers
Meadow Pond Elementary School, South Salem
Möhok Country Day, White Plains
Montessori School 31, Yonkers
Montrose Veterans Hospital
Mount Olive Baptist Church, Peekskill
Mt. Kisco Library
Mt. Kisco Food Pantry
Mt. Pleasant Cemetery, Mt. Pleasant
Mt. Vernon Firehouse Community Garden
Mt. Vernon Head Start, Mt. Vernon
Mt. Vernon Library, Mt. Vernon
Municipal Housing Authority, Yonkers
Murray Avenue School, Larchmont
Museum School 23, Yonkers
Muscot Farm, Katonah
Native Plant Center at Westchester Community College, Valhalla
New York University High School, Mt. Vernon
New Jersey Department of Environmental Protection
New Rochelle Department of Planning
New Rochelle Downtown Beautification Program
New Rochelle Farmers Market
New Rochelle Library
New Rochelle Municipal Housing Authority
New Rochelle School District
New York Botanical Garden, Bronx
New York Presbyterian Community Garden
New York State Arborists Association, Albany
New York State Department of Agriculture and Markets, Albany
New York State Department of Education, Office of Professions
New York State Department of Environmental Conservation
New York State Department of Environmental Conservation – Urban Forestry Program, Albany
New York State Department of Environmental Conservation – Urban Forestry Program, Albany
New York State Department of Environmental Conservation – Urban Forestry Program, Albany
New York State Department of Environmental Protection – Invasive Species Coordination Section
New York State Department of Environmental Protection – Urban Forestry Program, Albany
New York State Department of Education
New York State Department of Education – Urban Forestry Program, Albany
New York State Department of Labor
New York State Department of Taxation & Finance EAP, White Plains

A Message from the Executive Director

As we begin our 104th consecutive year of serving Westchester residents and businesses, we are grateful for the support of our partners at the County of Westchester, local schools and colleges, private industry and the non-profit sector. Our programs continue to evolve as we respond to the changing needs of our community.

We have recently been referred to as the “first line of defense in Westchester County against environmentally and health damaging pest management”.

We do respond to over 1,000 requests a year for help with pest management and now find that we are the “go to” people in Westchester for objective advice to avoid harming the environment or the people managing pests.

We’ve long known that we are a first line of defense for nutrition-related disease prevention and remediation in Westchester, as we educate limited income families about preventing and managing nutrition-related diseases, and living a healthier life.

We know that we are a first line of defense for many youngsters who might not otherwise be exposed to STEM education and might not otherwise learn to enjoy science, technology and math if not for the experiential way we teach it as a hands-on fun endeavor.

Now, we are often told that we are best source of advice and education regarding structural pests and pests in the natural outdoor environment. The sheer volume of requests we get each year bears that out. We are happy to be of service for this community need, just as we have been for the other community needs over the last 104 years.

One of our most important resources is funding. The “cooperative” in cooperative extension refers to the cooperation of county, state and federal governments in funding their local extension organizations. It’s a 3-legged stool; if one of the legs is not strong in support, the stool collapses.

We look forward to continuing to serve Westchester residents, businesses, governments, schools and non-profits with some additional funding in the future, thanks to the County government.
Horticulture, the Environment and Natural Resources

Our professional staff of horticulture, pest management and arboriculture experts provide a variety of services to the public and to the "billion dollar green industry" in Westchester. That industry includes greenhouses, nurseries, turf and landscape businesses, tree services, landscape architects, garden supply houses, municipal owners of parks and public lands, and private and public golf courses. Among the services we provide are:

- **best practices information for the Green Industry** that protects the environment and helps the Green Industry stay competitive and viable in Westchester.
- **best practices information for consumers** that protects the environment.
- **on-site laboratory services** to test/analyze soils, plants, insects and other pests.
- **soil test services and pH kits** that show whether nutrient/pH changes are needed.
- **site visits for the Green Industry and the horticulture consumer.**
- **remote services concerning plant culture, pests, diseases and structural pests** via phone, email and snail mail.
- **training and certification programs for the Green Industry.**
- **education programs for the horticulture consumer** advice and assistance to farmers.
- **growing degree day information for gardeners and the Green Industry.**
- **advice to landlords, tenants and homeowners about pest management in multi-family dwellings.**
- **advice on controlling insects and animals that damage plants or threaten public health.**
- **advice to hotels and dormitories about pest control.**
- **collaborative efforts with Cornell and other university experts, government entities and other environmental organizations involving research and environmental remediation projects.**
- **collaborative efforts with Westchester County trade associations involving educational outreach.**
- **1,012 responses** to commercial and consumer telephone calls for service.
- **1,379 diagnoses** completed for email and lab sample inquiries for service.
- **183 soil nutrient and pH tests** facilitated in response to inquiries for soil testing service.
- **14 Commercial site visits** for the Green Industry and NYS government agency to satisfy the need for field diagnostic services.
- **1,571 program participants** served through commercial/residential presentations and conferences.
- **22 Research based activities in partnership with the Cornell Waste Management Institute** to monitor tick populations in the landscape.
- **1,040,000 internet and hard copy subscriptions** reached through weekly Journal News articles on topics concerning horticulture and the environment.
- **2,500 to 3,500 Green Industry subscribers** reached internationally via CCE
- Westchester’s contribution to Cornell’s commercial turfgrass publication, ShortCUTT.
- **400 Green Industry subscribers reached locally/regionally** via CCE Westchester’s 9 pest scouting activities for Cornell’s tree/shrub publication, Branching Out.

### 2018 Paid Support for Cornell Cooperative Extension OF WESTCHESTER COUNTY

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
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<tr>
<td>Westchester County</td>
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<td>Federal</td>
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<td>Cornell Faculty and Staff</td>
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Westchester County’s investment leverages four times the resources brought into our county through CCE. Additionally, hundreds of thousands of dollars in volunteer and volunteer partner time are given to us each year.
Horticulture, the Environment and Natural Resources

CCE Westchester multiplies good environmental stewardship via direct educational delivery and by helping our community with programming generated with our many partners:

1/22/18: 10 educational sessions at the annual NYSTLA Professional Conference and Trade Show for the New York State Turf and Landscape Association, White Plains.
1/23/18: 2/2/18, Climate Change Science, Communication, and Action Online Course, Cornell University.
4/25/18: “Effects of Climate Change on Local Trees and Plants”, Scarsdale Women’s Club
5/05/18: “I Love My Park Day”, Friends of the Old Croton Aqueduct.
5/17/18: “Interactions of Deer, Earthworms and Invasive Plants Transform Forest Communities”, Bronx River Parkway Reservation Conservancy at Htitchcock Presbyterian Church, Scarsdale.
5/19/18-5/20/18: Horticulture staff information booth, Lasdon Park, Arboretum, Somers.
6/27/18: “Citizen Science Invasive Species Mapping Challenge” webinar with NYS DEC.
7/16/18: “Monitoring and Managing Ash Training Workshop”, NY/NJ Trail Conference, Mahwah, NJ.
7/18/18: “Monitoring and Managing Ash Training Workshop” with the Ecological Research Institute (New Palz), Catskill.
9/13/18: “Herb Society of America NY Unit 70th Annual Herb Fair”, Katonah.
10/18/18: “Timely Tip Pest Alert: Boxwood Blight” a CCE Westchester promotion for the Green Industry and residents notifying of widespread infection.
12/12/18, “Confronting Climate Change: What to Expect in Our Region” at White Plains.

by the Westchester County Department of Soil and Water Conservation, CCE Westchester, Native Plant Center and the Watershed Agriculture Council.

ANNUAL REPORT 2018

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Master Gardener Volunteers Program

Master Gardener Volunteers donated over 6,790 hours to CCE in 2018. Valued at $42.01 per hour, this work was worth $285,248. They put in an impressive 1,439 hours in continuing education to advance their skills in order to better serve the public. Valued at $42.01 per hour, this was a $60,452 investment in improving the quality of service to Westchester residents.

Among the 30 ongoing Master Gardener projects were collaborations with Cornell University researchers in the completion of a 3-year study with Cornell Waste Management Institute to survey the environmental effects of mulching leaves in place on lawns.

The School Garden program brings a Master Gardener mentor to participating schools to help them develop a vegetable garden and teach students about nutrition and food sources. We have trained over 300 teachers so far and introduced over 8,500 Westchester children to school gardening at over 40 schools. A Master Gardener assisted the Tarrytown School District in the development and implementation of a Butterfly/Pollinator learning garden for hundreds of students at the district’s Peabody Preserve and consulted on a bird-friendly garden that is used for study for 98 fifth graders and is a resource for the 907 students at Yonkers Pearls Hawthorne School. MGVs read to over 400 elementary students at 8 Westchester schools during “Agiculture in the Classroom” week, March 19-23, 2018.

The popular Home Gardening Lecture Series attracted 325 attendees in 2018. The Speakers Bureau and other Master Gardener speakers reached over a hundred at various venues throughout Westchester, including the PROS program at the Guidance Center of Westchester. Our MGVs participated in dozens of “Ask the Master Gardener” booths at farmer’s markets, Earth Day events and other direct contacts in 2018, reaching over 2,630 people directly.

Our MGVs continue to educate the public at

Nutrition and Consumer Sciences

Nutrition and Health – Saving Westchester County Medicaid Dollars

In addition to the obvious benefits of improved health and lifestyles of the participants in our classes, there are benefits for the Westchester County taxpayers, too.

Nearly one-tenth of the Westchester population lives at or below poverty level. Health problems related to nutrition are disproportionately high among low income individuals. Our target population lacks private health insurance and relies on taxpayer-funded Medicaid for health care. That is costly. The annual cost of Medicaid in Westchester County is approximately $1.5 billion!

When we look at the costs of healthcare for diseases that are preventable through improved nutrition and physical activity (the components of CCE’s nutrition classes), we can begin to see the link between what CCE does and the potential savings to the taxpayers of Westchester County. We know that changing people’s behavior can improve their health. Type 2 diabetes, cardiovascular diseases, hypertension, youth obesity, stroke and certain cancers have all been linked to improper nutrition.

Nutrition and Health

CCE teaches nutrition to youth.

Juliana was ready to make some life changes that would have a positive impact on her and her children. Juliana participated in every lesson and took notes.

Juliana made several notable changes after learning something new each week. After learning the benefits of whole grains and how to read a label, Juliana switched her bread and cereal at home. She introduced her children to oatmeal which they had never had before and they liked it! She also switched from white bread and rice to whole grain. She reported these changes and continued to make changes at home that would impact herself and her children, decided not to spend her money on sugary beverages anymore. She has been offering water with fresh fruit in it and milk. After the food budgeting/menu planning class, Juliana realized that she could bake her children healthier snack options and so she did. She baked muffins, oatmeal cookies and brownies, and it cost her less than half what she would have spent on snacks. Juliana learned to make low cost one pot meals and told us that her children enjoyed the chicken stew. Juliana reported that because she made these changes she is now able to purchase both fresh and frozen vegetables weekly and includes at least two daily into her family meals. She now purchases healthier foods because she understands how to read a label and what foods and nutrients she is looking for and how to prepare these foods. Juliana feels happy that she is being a positive role model for her children.

CCE teaches nutrition and physical exercise.

Master Gardener Volunteer Susan Lilien teaching Square Foot Gardening.
Nutrition and Consumer Sciences

**FFY 2018, Youth results:** 110 youth participated in our youth programs (separate and apart from adult programs and unrelated to adults in our EFNEP programs).

91% of youth adopt and practice 1 or more food selection behavior(s) consistent with Federal Dietary Guideline recommendations. 85% of children and youth improve their abilities to choose foods according to Federal Dietary Recommendations. 61% of youth adopt or improve 1 or more habit(s) or behavior(s) related to physical activity.

In their own words:

CCE Westchester’s Nutrition Education Programs actually work. Here are just one of the 2018 success stories.

Juliana is a 32 year old single mother raising three young children. She graduated from our EFNEP program at JobStar. Upon entry to the program, Juliana felt it was impossible to feed her children healthy foods daily because she believed that eating a healthful diet was just too costly. She focused on foods that she thought stretched her food dollar such as boxed Macaroni and cheese and hot dogs, canned vegetables etc., and was frustrated when she could not afford fresh food. Juliana also said her children are picky eaters and she feels they are not getting all of the nutrients they need. She gave them fruit punch and sugary snacks.

Master Gardener Volunteers Program

**Community and Demonstration Gardens at Ossining Organic Community Garden, Hart’s Brook Preserve, John Jay Herb Garden, Lenior Preserve Butterfly Garden, Alfred B. DelBello Muscoot Farm, Sherwood House and Westchester Community College Vegetable Garden. Master Gardeners volunteer at many sites, including Stone Barns, John Jay Homestead, Lenior Preserve, Lasdon Arboretum, Native Plant Center, Pruyn Audubon Sanctuary, Sherwood House, and helped educate communities to reduce invasive weeds in public spaces.**

MGVs write a weekly column and other gardening articles for the Journal News and other Gannett publications (circulation: 110,320 in Westchester; 1,883,661 total). They also write for local community publications.

MGVs provided education and answered consumer gardening questions over the season at Q&A tables at the following farmer’s markets: Muscoot Farm, Ossining, Rye, White Plains and the White Plains Gedney Recycling Center.

MGVs and CCE staff provided education and answered consumer gardening questions at the following events:

- 4/6: Eastchester Community Garden
- 4/21: Ossining Earth Day
- 4/22: Bedford 2020 Earth Day
- 4/28: Croton Earth Day & Scarsdale Planting Day
- 4/28: Native Plant Center sale
- 5/19: Westchester 4-H Showcase at Alfred B. DelBello Muscoot Farm
- 5/19: and 5/20: Lasdon Plant sale
- 5/5: Dobbs Ferry Q&A
- 9/15: Mount Pleasant Day
- 9/22: Lewisboro Library Fair
- 9/23: Farm Fest Q&A
- 9/29: Eastchester Green Festival

The Master Gardener program provides educational opportunities for continuing education of our MGVs so they can provide the most current information to the public. Topics in 2018 included structural pest management, insect identification, site assessment basics, tomato leaf diseases, organic vegetable gardening, invasive plant identification, IPM for ticks & mosquitoes, environmentally friendly gardens, thinking critically about Botany, weeds and lawn care, species tulips, herbs, tree fruit and small fruit, Boxwood Blight, growing orchids, and confronting climate change.

2018 HOME GARDENING LECTURE SERIES

**Around the World With Annuals**
Wednesday, January 17, 2018

**Tree Care: Right Tree Right Place**
Wednesday, February 14, 2018

**Orchids Everywhere**
Wednesday, March 14, 2018

**Birds, Bees and Beautiful Native Plants**
Wednesday, April 11, 2018

**Essential Perennials for Terraces, Patios and Small Spaces**
Wednesday, May 16, 2018

**Guided Tour of the Bakwin Estate**
Wednesday, June 6, 2018

*Landscape Architect Health, Safety and Welfare credit hours were awarded.*
**A N N U A L  R E P O R T  2 0 1 8**

**members,**
understanding and appreciation of agriculture and Agriculture Literacy Week promotes a better

5th grade class in Off the Street, and the 6th
strengthen their skills. We offer robotics for the

had fun with science enrichment activities to

robotics, and biology.

having hands

Williams and Hamilton Elementary Schools in Mt.

Afternoons

offer after school programming during

Through our partnership with Westchester Jewish

Community Services for 4-H STEM projects, we offer after school programming during "Amazing Afternoons" and "Off the Street" in Edward Williams and Hamilton Elementary Schools in Mt. Vernon from November through March. 297 youth had hands-on science fun with physics, chemistry, robotics, and biology. 85 students in the 4th grade had fun with science enrichment activities to strengthen their skills. We offer robotics for the 5th grade class in Off the Street, and the 6th graders in Amazing Afternoons. The students programmed robots for specific tasks with volunteer 4-H Hands for one-on-one assistance. Youth leading youth is a 4-H model.

Agriculture Literacy Week promotes a better understanding and appreciation of agriculture and the food system. In March 2018, 7-H Club members, 1 working farmer, 2 County Legislators,