

2024 MA FRESH Grant Report







Grant Tracks

The MA FRESH Grant awarded programs in four categories broken out for education programs running Child and Adult Care Food Programs (CACFP) and K-12 school districts running National School Lunch Programs (NSLP). Applicants received between \$3,000 and \$50,000 in one of the following funding categories:

- 1. New K-12 Farm to School Initiative
- 2. New Farm to Early Education Initiative
- 3. Expanding K-12 Farm to School Initiative
- 4. Expanding Farm to Early Education Initiative



Grant Requests & Awards

In 2024, the Massachusetts Department of Elementary and Secondary Education (DESE) continued allocating funds through the MA FRESH farm to school grant program. DESE received 87 applications with requests of over \$2.6 million. Twenty three projects received funding totaling nearly \$400,000.

The recipients of the 2024 MA FRESH grant come from communities across Massachusetts and include nine early education programs and fourteen K-12 programs.

K-12 Awardees

Codman Academy (Boston) Community Charter School of Cambridge Essex North Shore Agricultural and Technical School Greenfield Public Schools Haverhill Public Schools Holyoke Public Schools Lenox Public Schools Mashpee Public Schools Medway Public Schools Norfolk County Agricultural High School Prospect Hill Academy (Somerville) Salem Public Schools Webster Public Schools

Early Education Awardees

ABCD Head Start & Children's Service (Boston) Boys & Girls Club of Metro South Community Action Pioneer Valley Ellis Early Learning (Boston) Holyoke Chicopee Head Start MetroWest YMCA Mystic Valley YMCA PACE Head Start (New Bedford) Waltham Boys & Girls Club



2024 Program Highlights

57% of grantees reported that implementation of their grant proposal changed the way they prepared & served meals

- grantees collaborated with partner organizations
- **19%** of grantees experienced an increase in meal participation
- 27,000+ students impacted across Massachusetts

71% of grantees created or expanded school gardens



ABCD Head Start & Children's Services

Highlight #1

Provided food service staff training focused on culturally diverse meals, taste tests, and scratch cooking.

Highlight #2

Produced bilingual materials including culturally relevant family meals featuring garden produce.

Highlight #3

Purchased new kitchen equipment to enable more scratch cooking.

Overview

ABCD Head Start & Children's Services is building a new garden, investing in professional development for food service staff, and purchasing equipment to increase access to fresh produce for children and their families. The new garden will allow teachers to enhance their curriculum, access green space in an urban environment, and teach children about gardening and nutrition. Food service staff are increasing their knowledge and ability to prepare unprocessed food from the garden and are holding taste testing events for teachers, children, and families.





Program Enrollment

Staff Who Received Training 38



Boys & Girls Club of Metro South

"I had the opportunity to participate in a co-op at a hydroponic farm. I cultivated vegetables, maintained the farm, and engaged with children, educating them on the significance of hydroponics for both their personal nutrition and community. This was the highlight of my senior year."

- Cora A. (Age 18)

Highlight #1

Hosted events at the **Taunton Clubhouse Freight** Farm to raise community awareness of and appreciation for local foods.

Highlight #2

Developed tailored Freight Farms curriculum and educational activities for Taunton Clubhouse teens and pre-teens.

Highlight #3

Incorporated produce grown in the Freight Farms into Taunton Clubhouse meal service throughout the academic year.

Overview

The Boys & Girls Club of Metro South has expanded their innovative afterschool food system curricula, launched their third Freight Farm (a hydroponic growing system inside a shipping container), and provided co-ops and internships for high school students. The Taunton Clubhouse after school program supports comprehensive nutrition education programs, youth engagement, community food security, and development.





Program Enrollment 2500

Produce Harvested





STEM Education Hours 300

1500 Lbs





Codman Academy

"Learning about hydroponic systems helped establish STEM concepts among 4th grade students, increasing their critical thinking and teamwork abilities."

Highlight #1

Created student business development training via Codman Youth Farmers' Market.

Overview

Highlight #2

Developed seminar series with community partners to collaborate, develop, and enhance urban agriculture education.

- Beth, 4th Grade Teacher

Highlight #3

Developed new methods for students to provide feedback on meals.

Codman Academy is building a strong farm to school foundation through local product sourcing, kitchen staff training, and the installation of indoor growing systems via their new Urban Roots initiative. Through this initiative, Codman Academy is teaching urban agriculture curriculum to K-12 students, providing hands-on growing experiences to middle school students, and hosting a Controlled Environment Agriculture Readiness certification program for high school students to improve workforce readiness. When students complete the certification program they will be able to manage indoor growing systems and run the Codman Youth Farmers' Market.

Funds Received: \$46,322 (FY24: 13,922; FY25: 32,400)

School Enrollment



Community Partners

Green City Growers Holly Hill Farm Urban Farming Institute Oasis on Balou





Community Action Pioneer Valley

"Pairing the nutrition literacy materials with the cooking activities is helping expand the childrens' knowledge of where food comes from, how it is grown, and prepared."

- Jenn, Educator

Highlight #1 Increased participation of weekly nibbles snacks offered in classrooms by 50%. Highlight #2 Provided at least one locally sourced ingredient in snacks weekly.

Highlight #3 Expanded professional development opportunities for staff.

Overview

Community Action Pioneer Valley, Head Start & Early Learning Program is providing professional development for their food service staff and expanding their educational programming to promote food literacy and nutritional education for their students. Their weekly 'Nibbles Snack Activity' allows children to experience hands-on learning by preparing, cooking, and eating locally grown foods in the form of a nutritious snack.

Funds Received: \$8,550



Program Enrollment 283

Staff Professional Development

64 hours



"It was wonderful such а experience to attend the interactive workshops and facilitated discussions with other school nutrition professionals from across the state. We were able to establish new professional connections and learn more about the variety of resources available to help us procure and serve more local foods."

- Rachel, Food Service

Community Charter School of Cambridge

"I found the cooking class very interesting. This course gave me ideas of how to prepare things at home, for example, pasta and tacos. I also liked how we had to work as a group."

Highlight #1

Took students on field trips to local farms.

Highlight #2

Conducted a cooking class for students using local produce. -Isabella, Student

Highlight #3 Created a cookbook incorporating culturally significant food and local produce.

Overview

The Community Charter School of Cambridge is using FRESH Grant funding to highlight agricultural education, the use of local produce, and students' cultural culinary traditions. They are partnering with Land's Sake Farm (Weston, MA) to create opportunities for students to learn first hand about farm operations and see how produce is grown and harvested. The school is organizing cooking classes that take place at the Foundry in Cambridge using produce from Land's Sake. Students in these classes share family or cultural dishes they prepare and eat together.



000 WMW School Enrollment



Community Partner Land's Sake Farm



"It was so special seeing the way students joyously embraced the opportunity to learn more about nutrition and food, their reactions (and pride!) tasting their creations, and the amount of the fun they had with each other. Such a wonderful way to end the school year and I am so happy we were able to make this programming available!"

> Elizabeth Debraggio Dir. of Communications and Development

Ellis Early Learning

"Seeing a plant flower one day and coming back to see a bean or other vegetable on the same plant was so exciting for the children. They grew and tasted such an assortment of vegetables including Swiss chard, purple kohlrabi, chives, scallions, potatoes, and broccoli. It is wonderful for children to learn first-hand where food comes from and how it grows."

Claire McNally, Vice President for Programs

Highlight #1

Provided garden classes to preschool students.

Highlight #2 Classroom teachers incorporated garden lessons into the classroom. Highlight #3 Grew culturally responsive herbs in the garden to share with families.

Overview

Ellis Early Learning is promoting hands-on learning experiences related to food and nutrition. With help from Green City Growers, they are increasing guided exposure to their garden allowing for more engaged interdisciplinary learning that helps their students prioritize local and sustainable food options. Through this partnership, their students are working with urban agriculture experts in order to better understand where the food they eat comes from.

Funds Received: \$25,000



Program Enrollment



Community Partner Green City Growers





Essex North Shore Agricultural and Technical School

"I think its important that we use our growing space on campus to give back to both our cafeteria and all the communities we come from. Being able to harvest, wash, pack, and eat the food we've grown, using tools & facilities that make it safer, makes me more confident as a grower." -Ava, 11th Grade Horticulture Student

Highlight #1

Now feature at least 1 campus grown food and 1 locally grown food in school meals each week.

Highlight #2

Students trained in standard food safety protocols.

Highlight #3

Installed outdoor walk-in cooler for produce.

Overview

Essex North Shore Agricultural and Technical School is developing a robust food safety program by expanding their cooling space, building a vegetablewashing station, training staff and students, and more. These investments have allowed them to achieve the needed certification to safely serve their produce in the school cafeteria. Essex Tech students now have access to the freshest possible food and have become more involved in their local food system as food-literate citizens and eaters in their own communities.

Funds Received: \$50,000



District Enrollment





Produce Varieties Grown 42+





Greenfield Public Schools

"I really didn't think I'd like Fish Tacos with Peach Salsa because I don't like fish but I'm glad I tried it because it's really good!"

-2nd Grader

Highlight #1

Hosted taste tests at 3 elementary schools each month.

Highlight #2

Shared food security & literacy resources with elementary students & families.

Highlight #3

Coordinated farm field trips for elementary school students.

Overview

Greenfield Public Schools is collaborating with a local non-profit, Just Roots, to launch a new farm to school initiative in their elementary schools. All elementary students are participating in monthly taste tests of local foods following the Harvest of the Month program. Additionally, all third grade students will visit Just Roots, Greenfield's Community Farm for a curriculum-aligned Fall field trip along with two additional food literacy lessons during the 2024-2025 school year.

Funds Received: \$13,514.16 (FY24: \$3,017; FY25: \$10,497.16)



District Enrollment

Kon star

Community Partner
Just Roots



"I didn't know you could eat mint. I thought that was just for gum and toothpaste!"

-2nd Grader in response to trying June's Strawberry Mint Salad taste test

Haverhill Public Schools: Bartlett School & Assessment Center

"As a job coach, I'm able to work with our students on various job skills and life skills utilizing the hydroponic farm. Our students are learning about... creating a sustainable food source for our community. Having a working farm at our school helps us prepare our students with the tools they need to be successful in the future."

-Amy H., Teacher

Highlight #1

New hydroponic garden integrated into curriculum for students with autism.

Overview

Highlight #2

Provided experiential learning to students via hydroponic garden. Highlight #3 Students have increased understanding of the importance of fresh, local food in their diets.

The hydroponic garden project for the Bartlett School and Assessment Center, within Haverhill Public Schools, is increasing healthy eating habits among its students by growing a variety of nutrient-rich vegetables and herbs to integrate into their school food program. Grant funding is being used to provide students with hands-on participation in the garden's setup and maintenance. Students learn about plant growth, nutrition, and sustainability, fostering an appreciation for fresh produce. Their project offers a sensory-rich environment for students in this alternative learning community, encouraging healthy eating habits and empowering students to make informed food choices for a balanced diet.





Program Enrollment **47**



Community Partner Chris' Farm Stand





Holyoke Chicopee Head Start

"Is it ready to pick yet? I just want to take it home and show my mom." -Program Participant

Highlight #1

Provided professional development for early education teachers.

Highlight #2

Grew culturally relevant crops in the garden.

Highlight #3

Hosted community farmers' markets at program sites.

Overview

Holyoke Chicopee Head Start is expanding the use of existing gardens at two of their program sites to integrate gardening and healthy foods into year-round use within the school curriculum. With support from Mass Audubon, the schools are receiving professional development and resources to bolster nutrition and gardening education for students and promote family and community engagement. Increased garden use is allowing for more food to be integrated into school meals and a larger diversity of culturally relevant crops to be grown and shared with the community.

Funds Received: \$30,379 (FY24: \$18,645; FY25: \$11,734)



Program Enrollment 559



Community Partner Mass Audubon





Holyoke Public Schools

"I like nature stuff, and you like nature stuff, and I just feel really connected to nature when we plant stuff!"

-1st Grade Student

Highlight #1

Built a new school garden, and installed additional beds at existing gardens.

Highlight #2

Established taste tests within a classroom setting.

Highlight #3

Built 3 wheelchair accessible raised beds at Morgan Elementary.

Overview

Holyoke Public Schools is building new gardens and pre-existing gardens their six expanding at elementary schools. With help from FoodCorps Service Members, students are participating in the growing process, increasing their food literacy and sense of belonging in the school community, and developing their willingness to try new things. Funds are also being used to launch a classroom taste test program so students can try the food they are growing in the garden and give feedback on their preferences.





District Enrollment



Community Partner





Lenox Public Schools

"My class was thrilled to plant a variety of seeds and the students are eager to watch the seedlings grow."

- Karen Noyes, 3rd Grade Teacher

Highlight #1

Installed two hydroponic farms.

Highlight #2

Developed curriculum for incorporating hydroponics into classroom lessons. Highlight #3

Made a taste test plan for future lettuce harvested in the cafeteria.

Overview

Lenox Public Schools is using MA FRESH Grant funds for a new initiative to grow produce and serve it in their school cafeterias. After their first year participating in farm to school activities, they are excited to have obtained two Fork Farms Hydroponic systems, allowing students to be involved in the growing process and to open the door to more food systems conversations.

Funds Received: \$11,010



District Enrollment 740

Lbs of Produce Harvested Monthly 25



"OHHHH that's what that cool white thing is in the cafeteria! Are we going to be able to eat the food we grow? - 3rd grader

Mashpee Public Schools

Students saw the life cycle because they made it happen, from starting lettuce seeds indoors, to transplanting seedlings, and harvesting the lettuce. Teaching this way has more impact than reading about it in a book.

-Zach B, Environmental Science Teacher

Highlight #1

Harvested summer produce & distributed to families.

Highlight #2

Reviewed & updated nutrition curriculum.

Highlight #3

Taught sustainable farming practices via monthly garden lessons.

Overview

Mashpee Middle-High School, in collaboration with Barnstable County Coop. Ext. Office of Nutrition Education & Food Safety, Master Gardeners of Cape Cod, and The Brazilian Resource Center, is building and sustaining an educational farm. Produce grown on the farm reflects the diverse cultural backgrounds of the students and is integrated into the school cafeteria menu. The farm provides an opportunity for students to learn about food sovereignty and broaden their culinary horizons while elevating both their quality of life and academic achievements.

Funds Received: \$36,500 (FY24: \$33,400; FY25: \$3,100)

1453

District Enrollment



OOC

Community Partners Barnstable County Coop. Ext. Master Gardeners of Cape Cod The Brazilian Resource Center





Medway Public Schools

"The school farming program has been an incredible learning experience for my students. They not only gained hands-on knowledge about plant biology and ecology, but also developed a sense of responsibility and teamwork."

- 2nd Grade Teacher

Highlight #1

Provided school garden lessons for Grades 2 & 3.

Highlight #2 Held taste tests with local ingredients.

Highlight #3 Provided food system curriculum for Grades 2-4.

Overview

The Memorial School in Medway Public Schools is taking students on farm field trips, hosting produce tasting events featuring local crops like bok choy, zucchini, and kale, and holding a local food systems poster contest. They are including second to third grade students in programming this year in a schoolbased farming educational experience in partnership with Medway Community Farm.

Funds Received: \$7,000



District Enrollment 504



Community Partner Medway Community Farm



"Working in the school garden was so much fun! I got to dig in the dirt and pick fresh vegetables. It was cool to see where our food comes from and eat something I helped grow."

- Shae, 3rd Grade:

MetroWest YMCA

"As a supervisor, to see an outside party (John Stalker Institute) come in to educate our staff was incredible; they had our team learning crucial information for them to be successful and confident in their roles." - Maggie Lynch, Director of Nutrition Services

Highlight #1 Built 8 hoop gardens.

Highlight #2

Engaged students in weekly gardening & harvesting lessons.

Highlight #3

Hosted garden visits for families.

Overview

The MetroWest YMCA is enhancing its commitment to promoting holistic well-being by expanding their garden initiatives, growing produce, and fostering food education within their early learning centers. They are providing hands-on experiences, such as classroom taste tests, gardening lessons, and cooking classes in an effort to educate students and their families about the benefits of locally produced food. Beyond the classroom, they are training staff to prepare meals with unprocessed, local ingredients.

Funds Received: \$48,927 (FY24: \$28,583; FY25: \$20,344)



Program Enrollment



Community Partner Little Sprout Garden





Mystic Valley YMCA

"Hydroponics stimulates curiosity and encourages inquiry-based learning. A hydroponic garden provides a living laboratory where children can explore and find answers through observation and experimentation." -Wuying Hsiao, Director of Early Learning Center

Highlight #1

Installed hydroponic growing towers to expose youth to fresh & new vegetables.

Highlight #2

Involved high school students in the building of the hydroponic towers.

Highlight #3

Developed programming for preschool students using the hydroponic towers.

Overview

The Mystic Valley YMCA is providing hydroponic garden towers, which have provided real life applications for their child care, preschool, and after school participants. Many of their program participants come from low-income, diverse backgrounds and these towers have enabled them to explore plant life cycles and healthy eating habits by sharing and enjoying the harvest, which is also being used in cooking classes. The garden towers are also used in preschool programs to promote socialemotional development and teach STEAM principles.

Funds Received: \$8,675



Program Enrollment





Norfolk County Agricultural High School

"We are harvesting so much more than last year! I think we should add compost to the cafeteria this school year to cut down on food waste!"

- Kelsey, 11th Grade

Highlight #1

Increased volume of campus grown food used in cafeteria meals & donated to food pantries.

Highlight #2

Sustainable agriculture curriculum taught to all freshmen.

Highlight #3

Teachers received food safety certification training.

Overview

Norfolk County Agricultural High School is expanding the availability of their Abundance Garden produce to students and the greater community. They are installing a vegetable wash and pack area, and cold storage in their cafeteria, allowing them to fully utilize their garden by ensuring more fresh food gets into the cafeteria.



Funds Received: \$12,493



School Enrollment



PACE Head Start

"It has been a lift to get the garden grant up and going, but it has been exciting to see how engaged the educators and children are in the work. They are learning so much about growing their own food. I am sure that Mrs. Margaret is inspiring these preschoolers to be future gardeners and farmers!"

-Jill Fox, Head Start Director

Highlight #1

Provided nutrition curriculum for preschoolers, including cooking class and gardening activities.

Highlight #2

Created indoor space for off-season growing of vegetables.

Highlight #3

Collaborated with Bristol County Agricultural H.S. to establish internship program.

Overview

PACE Head Start is planting a community garden of fresh fruits and vegetables along with a small orchard. In partnership with Bristol County Agricultural High School, high school interns will work with students to plant and tend to the produce growing in the garden. The garden produce is used to supplement their meal program and is incorporated into culturally relevant recipes and family engagement opportunities.





Program Enrollment

Garden Produce Harvested 50 lbs.





Prospect Hill Academy

Highlight #1

Educators received professional development to incorporate food literacy into high school curriculum.

Highlight #2

Students worked with food service to incorporate local foods into meals.

Highlight #3

9th graders participated in 3-day visit to The Farm School.

Overview

Prospect Hill Academy is creating a farm to school program focusing on educating students about health, nutrition, and agricultural processes. Prospect Hill's 9th graders are piloting the program, providing them with transformational experiential learning opportunities, including a visit to the Farm School (Athol, MA) connecting them to the land and work that goes into planting, growing, and harvesting fresh produce. They will be sharing what they've learned with the entire school community.



WAN

School Enrollment



Community Partner
The Farm School



I see people, rocks, hay, trees, grass, shacks, logs, flowers water holes, ladders, bins, art, walls, dogs playing, tents, dirt, fences I hear wind, people, birds, gears, bugs, tapping noise, walking -Excerpt from Student Poem

Salem Public Schools

"Our early learners in kindergarten and pre-school were able to have hands-on experiences at New Entry Farm that connected their learning in the classroom and their lunch in the cafeteria to a beautiful local farm. Students went home over the summer and cared for their plants with intense care, even contacting their teachers to give them updates on how they were growing."

-Erica Flaherty, Salem Public Schools Science Coach

Highlight #1

Conducted plate waste survey & new foods surveys with students. Highlight #2 Conducted student nutrition knowledge assessments.

Highlight #3 Took 5th Graders on farm field trips.

Overview

Salem Public Schools used their funding to purchase school garden supplies, organize field trips at New Entry Sustainable Farming Project in Beverly, MA, and set up Harvest of the Month taste tests at every school in Salem to increase students' willingness to try new foods. To measure the success, Salem is tracking meal participation numbers. A plate waste study and nutrition knowledge assessment were given at the start of the grant period to serve as a baseline to assess students' knowledge of where their food comes from.

Funds Received: \$17,050



District Enrollment 3800



Community Partner New Entry Sustainable Farming Project





Waltham Boys & Girls Club

"I've watched the kids have a better understanding of where their food comes from. They have developed more of an appreciation for vegetables now that they have seen all stages of life cycles. As a result, I am seeing more kids eating salad greens and other vegetables at mealtime."

- Nicole McWeeney, Waltham Boys & Girls Club, Arts Coordinator

Highlight #1

Conducted weekly healthy cooking classes.

Highlight #2

Conducted weekly hands-on gardening sessions.

Highlight #3

Hosted produce sampling session at the facility.

Overview

Waltham Boys & Girls Club has implemented a handsprogram teaching healthy habits, science on environmental and teamwork. awareness. Participating youth visit Land's Sake Farm and experience how produce is grown, while building their knowledge of horticulture, food systems, and life cycles. The Club has also built and maintained an onsite garden where students learn about growing produce in an urban environment, and were able to use harvested produce in cooking lessons and taste tests.

Funds Received: \$25,000



Program Enrollment



Community Partner Land's Sake Farm





Webster Public Schools

"We love when the students drop off their lettuce harvests to the cafeteria because they are so proud and excited. This is a great way for us to supplement our salads on Fridays with the local lettuce we currently serve."

Coordinated cafeteria taste tests with classroom visits by guest speakers sharing Harvest of the Month resources.

Highlight #2

Recruited educators across departments to encourage farm to school community involvement.

-Stacey Easterling, Cafeteria Manager

Highlight #3

Collaborated with two working farms to create farm to school partnerships.

Overview

Webster Public Schools are strengthening their farm to school efforts by increasing school community involvement. They have accomplished this by electing educator liaisons to help connect the classroom and the cafeteria through farm to school. Webster has built a multi-purpose school garden benefiting all members of the school community, and now students are actively participating in ways that support their health and awareness of sustainability principles.

Funds Received: \$16,900 (FY24: \$11,900; FY25: \$5,000)

District Enrollment



Students Engaged in Garden Based Education

230





Westford Public Schools

"I loved trying kale and pea shoots. I'm going to ask my mom and dad to get some for our salads at home."

Highlight #1

Transformed a courtyard into an immersive school garden.

Highlight #2

Used the new garden to conduct gardenharvested taste tests within the cafeteria. -Taylor, 2nd Grade

Highlight #3

Established a system to measure students' age appropriate food literacy.

Overview

The multi-disciplinary team at Nabnasset School (Grades PK-2) are creating an inviting and highly visible garden-based learning lab for their community. The students are experiencing the wonder of how food is grown, and appreciating its impact on life systems. Through this initiative students have the opportunity to explore gardening, observe living things, and learn in a beautiful and peaceful landscape.

Funds Received: \$18,990 (FY24: \$16,190; FY25: \$2,800)



School EnrollIment



Community Partner Fresh Start Gardens O'Neil Landscape



