



**Finance Department**  
Nathan Kuder, Chief Financial Officer  
2300 Washington Street  
Roxbury, Massachusetts 02119

nkuder@bostonpublicschools.org  
617-635-9069

bostonpublicschools.org

---

MEMORANDUM

TO: Chairperson and Members  
Boston School Committee

FROM: Nathan Kuder  
Chief Financial Officer

SUBJECT: Grants for Approval

DATE: January 18, 2023

Attached please find the grants for approval by the School Committee on January 18, 2023. Full copies of the grant proposals are available for your review and have been filed with the Office of the Secretary to the School Committee.

Boston Public Schools

Mary Skipper, Superintendent

Boston School Committee

Jeri Robinson, Chair

City of Boston

Michelle Wu, Mayor



## GRANTS FOR SCHOOL COMMITTEE

January 18, 2023

Amount	FY	Grant Name	Status	Fund Manager	Focus Area(s)	Sites
\$244,500	2023	Early College FC461	New	Lydia Emmons	College & Career Readiness	5 Sites
\$181,800	2023	Microscope Anonymous Donation	New	Nicole Guttenberg	College and Career Readiness	Districtwide
\$336,000	2023	CommCorp: Career Technical Initiative (Round 2 & 3)	New	Kristen D'Avolio	Adult Education	Madison Park Adult Ed. Center
<b>\$762,300</b>		<b>Total</b>				

## SCHOOL COMMITTEE ACCEPTANCE FORM - BPS23623

Grant Name: Early College Support Grants (FC461).

Status: New

Grant Type: Entitlement

Start & End Dates: 12/1/2022 - 8/30/2023

Funding Source: Department of Elementary and Secondary Education

Grantor Contact: Kristin Hunt

Grantor Address: 75 Pleasant Street, Malden, MA

Grantor Phone: (781) 338-3000

Grantor Email: Kristin.E.Hunt@mass.gov

Lead BPS Department and/or School(s): Office of Secondary Schools

Boston Community Leadership Academy

Brighton High School

Dearborn STEM Academy

East Boston High School

Fenway High School

New Mission High School

BPS Program Manager: Lydia Emmons, Director of Early College Programs

Department Head/School Leader:

Boston Community Leadership Academy: Ondrea Johnston

Brighton High School: Andrew Bott

Dearborn STEM Academy: Darlene Marcano

East Boston High School: Phillip Brangiforte

Fenway High School: Geoff Walker

New Mission High School: Will Thomas

Annual Award Amount: Total Award Amount (if grant period more than a year): **\$244,500**

Carry-forward option: No

Approximate # of students (or teachers, central office staff) served: 850

How are these sites chosen?: Current Designated Early College Programs

Key External Partners (if any):

University of Massachusetts Boston

Bunker Hill Community College

Benjamin Franklin Cummings Institute of Technology

Fisher College

Purpose:

Through Early College Support Grant DESE provides planning support for schools applying for Early College designation. This support funds staff capacity, planning materials, transportation, and planning stipends across 6 secondary schools and ensures high quality program delivery.

Desired Outcomes:

1. Development and submission of 6 new early college applications submitted to DESE on January 16th, 2023
2. Designation and launch of 6 new Early College programs July 1, 2023

Specific, Measurable, Attainable, Realistic, and Time-bound (SMART) Goals

Goal #1: Enroll a cohort of Early College students at each participating high school by SY2024

Indicator: October SIMS Data

Goal #2: Ensure 75% of senior Early College cohort graduate with a minimum of 12 college credits in June 2026

Indicator: DESE Senior credit tracker and DHE HEIRS data analysis

Please specify how this grant aligns with the district's 20/25 Strategic Vision's Commitment(s) and Priority(s). Please List them below: (see attached – go to (page 59)

Early College pathways provide relevant, authentic and immersive education to all of our students. Through these programs we seek to increase access to college coursework for Boston Public Schools students and reduce the time and cost of a first credential of value. This directly aligns with the district's 20/25 Strategic Vision as it creates equitable opportunities for young people to pursue high quality college and career pathways

Accelerate Learning 2.1 “Redesign Secondary Schools”- in coordination with the “Accelerate Learning” commitment and priority identified in the 20/25 Strategic Vision, the Early College programs are expanded over the years so that BPS is always able to offer rigorous, college coursework to its students.

Active Partnerships 6.4 “Champion college and career awareness” - in coordination with the “Active Partnerships” commitment and priority identified in the 20/25 Strategic Vision, the Early College programs require deep higher ed partnerships that create opportunities for students to engage in college coursework with embedded wrap around supports.

## SCHOOL COMMITTEE ACCEPTANCE FORM – BPS23693

Grant Name: **Microscope Anonymous Donation**

Status: New

Grant Type: Private Donation

Start & End Dates: 10/1/22 - 4/30/23

Funding Source: **Private donation**

Grantor Contact: Anonymous

Lead BPS Department and/or School(s): Science, Technology, & Engineering Department

BPS Program Manager: Nicole D. Guttenberg, PhD, Science Program Director, K-12

Department Head/School Leader: Elizabeth Milewski, Executive Director of STEM

Total Award Amount: **\$ 181,800**, to purchase the the M150A 40X-640X Portable LED Monocular Student Microscope and MD130 1.3MP USB 2.0 Color CMOS Digital Eyepiece Microscope Camera from United Scope, LLC. Teachers will get a class set of 12 microscopes plus a digital camera.

Item	Item Cost	Number	Total
M150A 40X-640X Portable LED Monocular Student Microscope	\$72	2400	\$172,800
MD130 1.3MP USB 2.0 Color CMOS Digital Eyepiece Microscope Camera	\$45	200	\$9,000
			<b>\$181,800</b>

Carry-forward option: **None**

Approximate # of students (or teachers, central office staff) served: 2,832 students (MA DESE report card SY21), 103 6th Grade Teachers (BPS Data request SY21-22)

BPS district Sites: All 6th grade classrooms implementing the OpenSciEd Cells unit. Additionally, any high school STE teacher can request a classroom set of microscopes and digital camera.

How are these sites chosen? Combination of self-select (high school) and schools implementing OpenSciEd curriculum (middle school and 6th grade in K-6 schools)

Key External Partners (if any): None

Priorities:

The anonymous grantor is making this grant in honor of her late husband, who volunteered at Boston Public Schools. The desire to provide microscopes is directly tied to the legacy of anonymous grantor late husband because he routinely brought home faulty microscopes to repair so that they could remain in use. In that connection, donor seeks assurances that Boston Public Schools has a procedure in place to maintain the microscopes and repair any microscopes that are damaged.

While grantor does not seek any publicity for this grant, she understands that Boston Public Schools may have an interest in disclosing the grant to its personnel, students, or the general public. Accordingly, the donor requests that any communication regarding the grant made to or accessible by the general public be subject to her approval.

Addendum (added 09.28.2022):

The science department has arranged for one of our technicians to be trained by the vendor, United Scope, to repair the M150A 40X-640X Portable LED Monocular Student Microscope and MD130 1.3MP USB 2.0 Color CMOS Digital Eyepiece Microscope Camera.

A workshop will be scheduled and recorded for teachers on the proper use and care of the microscopes.

Addendum (added 01.05.2023):

The science department will provide a report for three years answering the following questions:

- How many schools, teachers, and students used the microscopes?
- In what ways were the microscopes used?
- In what ways and how well the two goals (see below) have been attained?

Sample student products and photo documentation of students using the microscopes will be included in the reports. The reports will be submitted at the end of the school year in June 2023, June 2024, and June 2025.

Purpose: The donation will support the implementation of the Cells and Systems unit within the OpenSciEd curriculum which BPS has adopted. In the unit, students investigate what the different parts of our body are made of, from the macro scale to the micro scale. They figure out that parts of our body are made of cells and that these cells work together for our body to function. In addition to using microscopes to observe plant and animal cells, students will learn the proper use of microscopes, which is an instrument they will engage with in their life science courses in high school. Additionally, we will provide microscopes for high school teachers and students to use in their upper level life science classes. The digital cameras will allow for teachers to project the images for whole class access and for students with visual impairments to independently access the microscope images.

Desired Outcomes: All 6th grade students will have access to the technology required to visually see cells and learn about them in support of the MA STE Standards and OpenSciEd curriculum. Students will have an increased understanding of cell structure & function and will therefore display proficiency on assessment questions connected to cell structure and function.

Specific, Measurable, Attainable, Realistic, and Time-bound (SMART) Goals

Goal #1: All 6th grade students will have access to the technology required to visually see cells in a real and relevant manner that allows them to better understand the MA STE Standards and OpenSciEd curriculum.

Indicator: Students will be able to properly use a microscope to observe microscopic images or organisms such as cells.

Goal #2: Students will have an increased understanding of cell structure & function.

Indicator: An Increased number of students displaying proficiency on assessment questions connected to cell structure and function.

Please specify how this grant aligns with the district's 20/25 Strategic Vision's Commitment (s) and Priority(s). Please List them below: (see attached – go to (page 59)

#2 Accelerate Learning: High Quality Schools and Joyful Classrooms District-Wide

2.5 Implement rigorous and consistent elementary learning expectations and curriculum that prepare all students for high school, including strong science and math programming

**SCHOOL COMMITTEE ACCEPTANCE FORM – BPS23694**

Grant Name: CommCorp: Career Technical Initiative (Round 2 and Round 3)

Status: Year 1 of 2

Grant Type: Competitive

Start & End Dates: 07/01/2021 to 08/30/2023 (This is a continuation and a restructuring of a former pay-for-performance grant)

Funding Source: Commonwealth Corporation

Grantor Contact: Meg Cummings, Program Manager  
Phone: (617) 717-6938  
[mcummings@commcorp.org](mailto:mcummings@commcorp.org)  
33 Harrison Avenue, 3rd Floor, Boston, MA 02111  
<https://commcorp.org/program/career-technical-initiative/>

Lead BPS Department and/or School(s): Department of Adult Education

BPS Fund Manager: Kristen D'Avolio, Senior Director

Department Head/School Leader: Kristen D'Avolio, Senior Director

Award Amount: \$336,000

Award Dates: 12/1/22-10/31/24

Carry-forward option: No

Approximate # of students: 28 Automotive, 28 Carpentry

Sites: Dept. of Adult Education/Boston Central Adult High School at Madison Park Technical Vocational High School Building Complex

### **Grant Description**

The Career Technical Initiative seeks to address the persistent need for skilled labor in construction, trades, and manufacturing. Commonwealth Corporation administers these funds in hopes of eliminating the skills gap facing employers by providing an opportunity for youth and adults to retrain for skilled occupations, as well as transforming vocational high schools into Career Technical Institutes that run three shifts a day to bring more high school students and adults into the program.

### **Expense Categories this Grant Pays For**

The grant will be used to pay for a CTI director, a part-time student support specialist, administrative support, fringe benefits for salaried employees, contracts and stipends for vocational teachers working after school hours, office and training supplies, computers, bus passes and other incentives for students (tools, boots, safety goggles, etc.).

### **Specific, Measurable, Attainable, Realistic, and Time-bound (SMART) Goals**

**Goal #:** By February 28, 2024, twenty-six automotive students will complete the full course and earn related industry credentials.

**Indicator:** Completion of 220 hours and passing scores on OSHA 10 and Hotworks.

**Goal #2:** By 10/15/24, twenty-two out of 28 students will be employed in an industry related job for 6 months after completion of the program.



**Indicator:** Employer affirmation letter or pay stubs.

**Goal #3:** By February 28, 2024, twenty-six carpentry students will complete the full course and earn related industry credentials.

**Indicator:** Completion of 220 hours and passing scores on OSHA 10 and Hotworks.

**Goal #4:** By 10/15/24, twenty-two out of 28 students will be employed in an industry related job for 6 months after completion of the program.

**Indicator:** Employer affirmation letter or pay stubs.

### **Strategic Plan Alignment**

These goals are tied to the BPS Strategic Goal Number One: Eliminate Opportunity and Achievement Gaps. By supporting Boston's adult residents in earning their high school diploma or learning English, BPS Adult Ed serves highly talented students who have been impacted by social, systemic and social barriers, and racism in and outside of school.