



Mayor's Youth Council & Youth Lead the Change

PROJECT OVERVIEW AND DESCRIPTION:

Heat For Success

Youth Proposal Developers: Axel Gonzalez and Amina Aitnouri

Year of Proposal: 2019

Amount of votes: 4,100

SHORT DESCRIPTION:

Updating and restoring heating systems in schools to give students a safe and comfortable learning environment and thrive in the winter climate, regardless of the outside weather.

INSPIRED BY IDEA(S):

YLC Themed Idea Submissions

-Idea No. 37

-Idea No. 54

-Idea No. 65

WHY IS THIS NEEDED?

As climate change progresses to dramatically change the world's environment, building temperature regulation equipment that once was barely adequate now no longer can accommodate the needs of many buildings in Boston, especially older buildings that have already struggled with maintaining a modernized and updated infrastructure. Boston schools traditionally had not been comfortable buildings to learn in, lacking appropriate temperature control and ventilation. During the warm seasons of the year, the buildings can reach temperatures that are a threat to the health of faculty members and students; in the winter, classrooms and community areas can reach very cold temperatures that interfere with the learning environment. Since there already is an ongoing fan project waiting to be implemented, this project will focus on expanding and improving schools' outdated heating system that would allow the school to serve its community comfortably and reduce the risk of temperature-related health incidents. Augmenting the heating system would enhance the learning and teaching experience of all of BLA's residents, and improve the quality of the learning environment that may be threatened with fluctuating climate change.

LONG DESCRIPTION

The project will focus on updating insulation, restoration, and replacing heating fixtures in classrooms. Fitting tamper-proof thermostatic radiator valves and lockable windows can go some way to prevent accidental tampering with temperature regulation, and can help keep the school warm during the winter months. Since the buildings are old, it is not possible to build central heating within them. For insulation, if insulation is lacking, it will



be added in order to better keep heat inside classrooms; individual classroom heaters will be updated or replaced if needed in order to allow the classroom to have proper heating in the winter months. The goal of updating and sustaining heaters is to create a more comfortable, safe, and progressive environment for students in winter months, which may impact their academics.

DATA AND RESEARCH USED

- <https://www.wbur.org/news/2019/07/21/heat-emergency-boston-temperatures>
- <https://randdmechanical.net/the-importance-of-air-conditioning-in-schools/>
- <https://www.apexaircon.com.au/blog/4-reasons-your-school-should-consider-air-conditioning>
- <https://www.bostonherald.com/2019/09/28/students-teachers-sweltering-in-boston-schools-with-no-ac/>

PICTURES

Very specific example of what we want it to look like





LOCATIONS

Boston Latin Academy, McKinley Middle School, McKinley Preparatory High, Samuel W. Mason Elementary School, William E. Channing Elementary School

CITY DEPARTMENT RESPONSIBLE

Boston Public Schools

FUNDING ALLOCATION

333K

Implementation Requirements

1. The Youth Lead the Change committee must be involved in the following:
 - a. Contractor selection
 - b. Project design proposal
 - c. Community input process
 - d. Final design selection, schematics, and implementation.
 - e. The spending of all allocated funds
2. Once the project is completed MYC / YLC must approve the following:
 - a. Change of use
 - b. Any policies that infringe upon a student's rights to use the space
3. This project must be implemented at a Boston Housing Authority space