

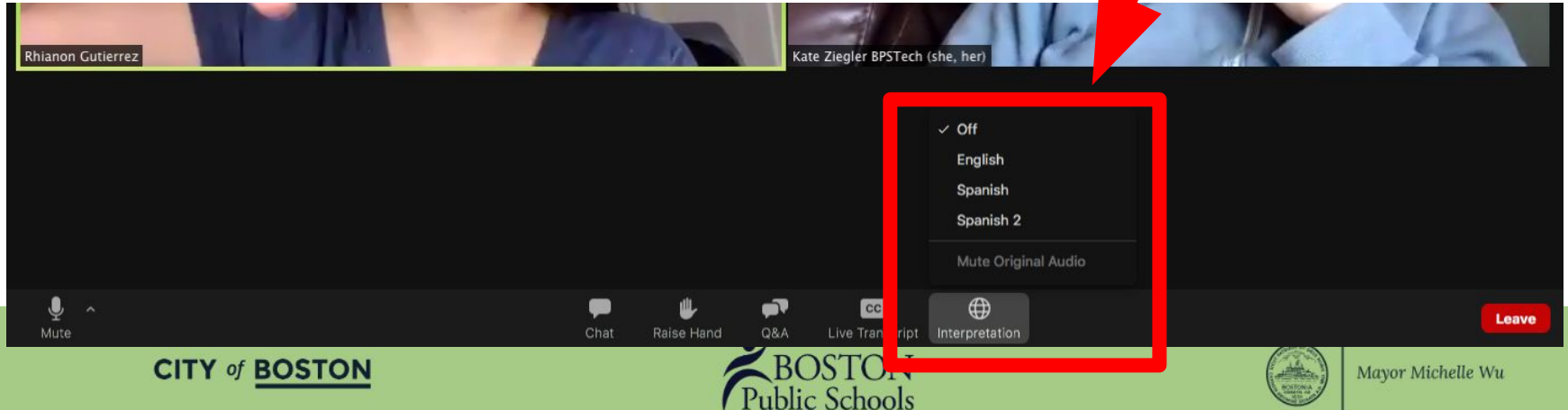
Panelist & Attendee View (Zoom Webinar Only)

Setup - Before Webinar

To ensure the best possible experience, please [update to the latest version of Zoom at this link](#).

During Webinar

Look for the interpretation (globe) icon at the bottom of your screen and select the language you want to hear.



The screenshot shows a Zoom webinar interface. At the top, there are two video thumbnails: one for Rhianon Gutierrez and one for Kate Ziegler BPSTech (she, her). Below the thumbnails is a dark control bar with icons for Mute, Chat, Raise Hand, Q&A, Live Transcript, and Interpretation. The Interpretation icon, which is a globe, is highlighted with a red box. A red arrow points from the text above to this icon. A dropdown menu is open from the Interpretation icon, showing options: Off (checked), English, Spanish, Spanish 2, and Mute Original Audio. At the bottom of the screen, there are logos for CITY of BOSTON, BOSTON Public Schools, and Mayor Michelle Wu.

Boston Public Schools Long-Term Facilities Planning

January 17, 2024



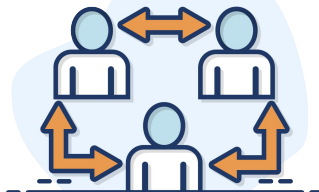
Building the Foundation for the Future of BPS

Inclusive Education

rigorous & culturally affirming learning experiences

supportive network of caring adults

wellness & enrichment



Long-Term Facilities Plan



physical spaces that support learning



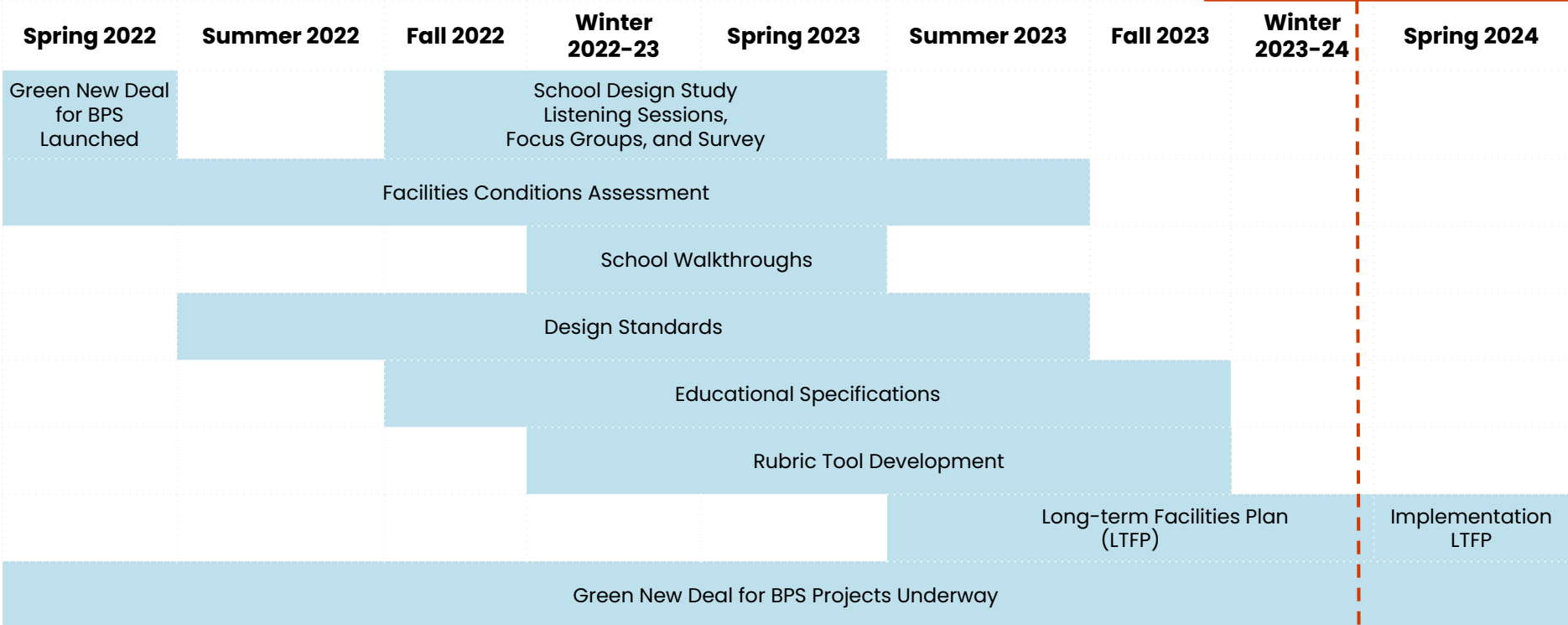
“This school looks exactly like it did when I came here and lived in this neighborhood. And that is a problem.”
– BPS Family Member

“BPS schools that are very small get less attention – it limits sports activity, and you can't represent your school.”
– BPS Student

“We're in an 1895 building and we do offer arts and music programs but we don't have the spaces for it so it's cobbled together to make it work. This is an opportunity to build those spaces.”
– BPS Teacher

Timeline

We are here:
LTFP complete, moving into implementation



10 major BPS capital projects are underway —

– as many as were built in the last 40 years combined

Carter School

Status: Under construction, estimated completion in winter 2025

- New facility will include:
 - therapeutic pool
 - sensory garden
 - rooftop classroom
 - better space designed for students with disabilities and complex learning needs
- Enrollment capacity will increase from 25 to 60 and allow for new early childhood programs.



Philbrick-Sumner (Irving building)

Status: Under construction, estimated opening in fall 2025

- Renovated Irving building will be fossil fuel-free, with completely re-done classrooms, pull-out spaces, and other interior spaces and a new accessible entrance
- Philbrick and Sumner schools will relocate and become a combined school starting in School Year 2025-26



Josiah Quincy Upper School

Status: Under construction, estimated opening in fall 2024

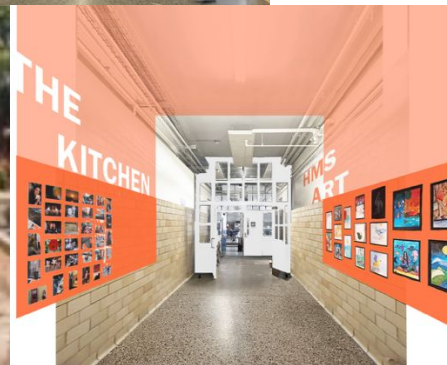
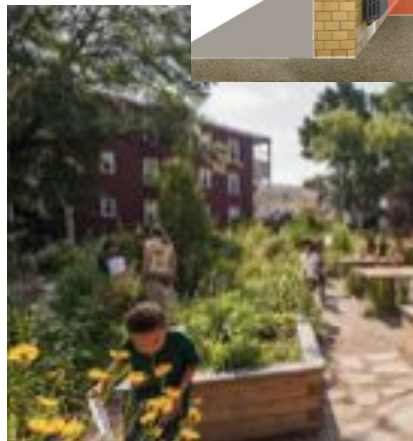
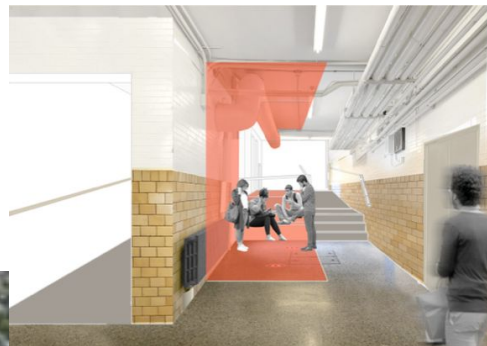
- New 6-story facility can accommodate 650 students and will include:
 - rooftop outdoor classroom and activity complex
 - media center
 - athletic and fitness areas
 - black box theater and auditorium
 - fresh air make-up system and enhanced filtration to mitigate air pollution from vehicle traffic on nearby highways



Horace Mann School for the Deaf & Hard of Hearing (Edwards building)

Status: Under construction, estimated opening in fall 2024

- Renovations are based on intentional design rooted in Deaf space principles to best support the HMS community.
- Exploring long-term site options across Boston through a siting study.



PJ Kennedy School

Status: Construction to begin this quarter

- Renovations will include:
 - Accessibility upgrades
 - A new entranceway
 - New and renovated interior space (e.g. pull-out spaces and staff planning rooms)
 - Updated playground, gardens, and greenspace
 - Air conditioning and new windows



White Stadium

Status: Construction to begin in spring 2024

- Revitalize White Stadium as a hub for BPS athletics and as a resource for local community groups.
- Includes improvement and modernization of existing spaces, including expanding the track to an 8-lane track and adding new program spaces.



Madison Park Technical Vocational High School

Status: Procuring an owner's project manager and a designer in spring 2024

- Completed a programming and feasibility study to reimagine an educational complex on Malcolm X Blvd as a world-class technical-vocational high school to serve students in grades 7-12 and adult learners
- The City is procuring an owner's project manager, with design expected to begin in the spring of 2024 and construction to begin in 2025



Mel H. King South End Academies

Status: Programming study currently under way

- Launched programming study to understand current facility conditions and develop an educational vision for renovated facilities
- Program vision prioritizes engaging, optimistic, relationship-based, trauma-informed, culturally responsive education focused on the individual needs of each student up to age 22



O'Bryant School of Math and Science / West Roxbury Education Complex

Status: Programming study ongoing

- Programming study launched at the O'Bryant with students, educators, staff, and other stakeholders to develop a program vision for an expanded science, technology, engineering and math high school, regardless of location
- Completed a feasibility study to understand the potential for a total gut renovation at the West Roxbury Education Complex



Shaw-Taylor

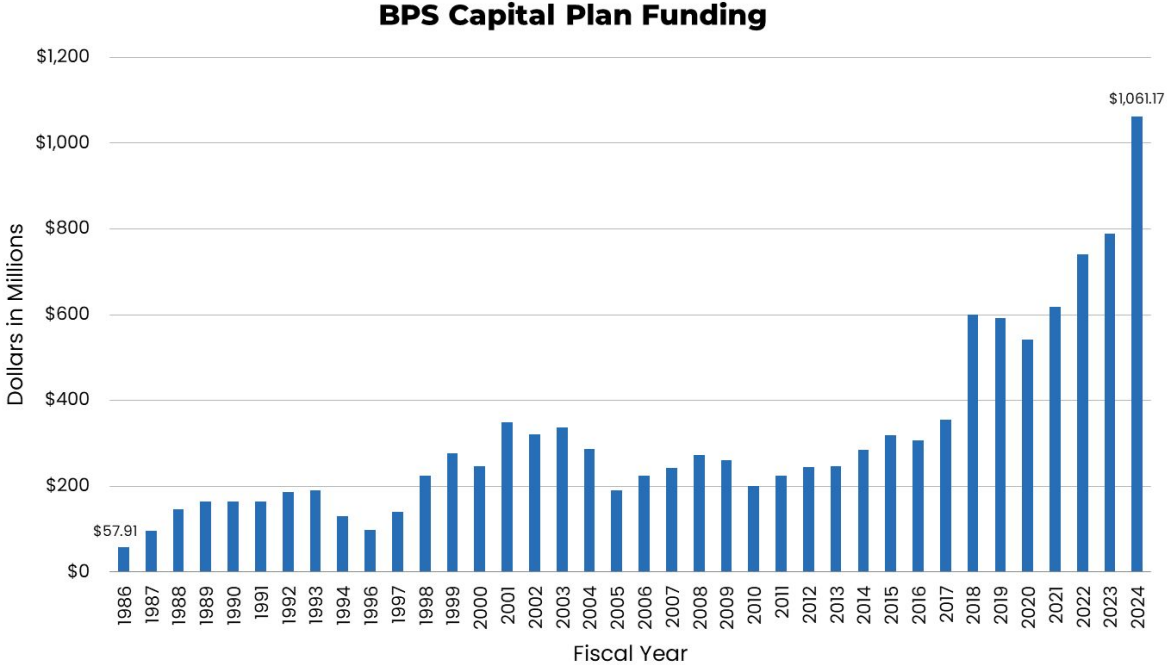
Status: Invited into MSBA Eligibility Period

- In December 2023, BPS was invited into the MSBA's Core Program Eligibility Period to build a new state-of-the-art elementary school that will serve the unified Shaw-Taylor community in Southern Dorchester/Mattapan. No site has been selected yet.
- The Shaw and Taylor will be a combined two-campus school starting in School Year 2024-25



BPS capital spending over time

The City of Boston is investing more in capital projects to support our students and educators



Why are we pursuing this work?

The physical footprint of Boston Public Schools does not support our vision for a high-quality education and student experience.

We have a unique opportunity to do right by our students – to invest in school buildings that support our collective vision of a high-quality student experience.

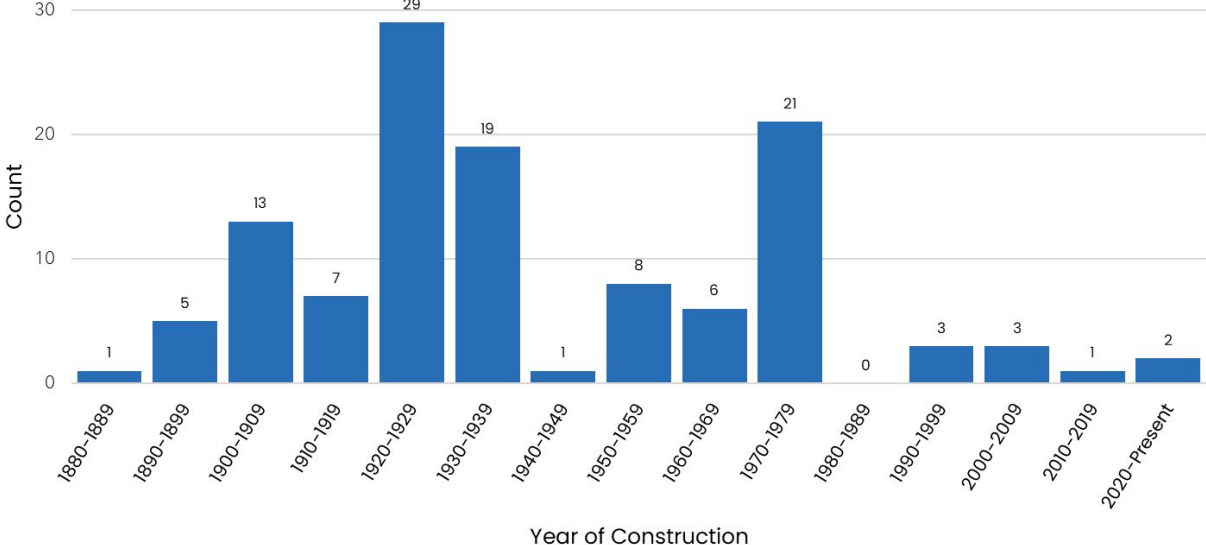
How old are our buildings?

Our buildings were largely built for a different era.

Nearly 2/3 of BPS schools were built more than 80 years ago.

BPS building age distribution

63% of BPS schools are more than 80 years old



Current State of BPS Buildings

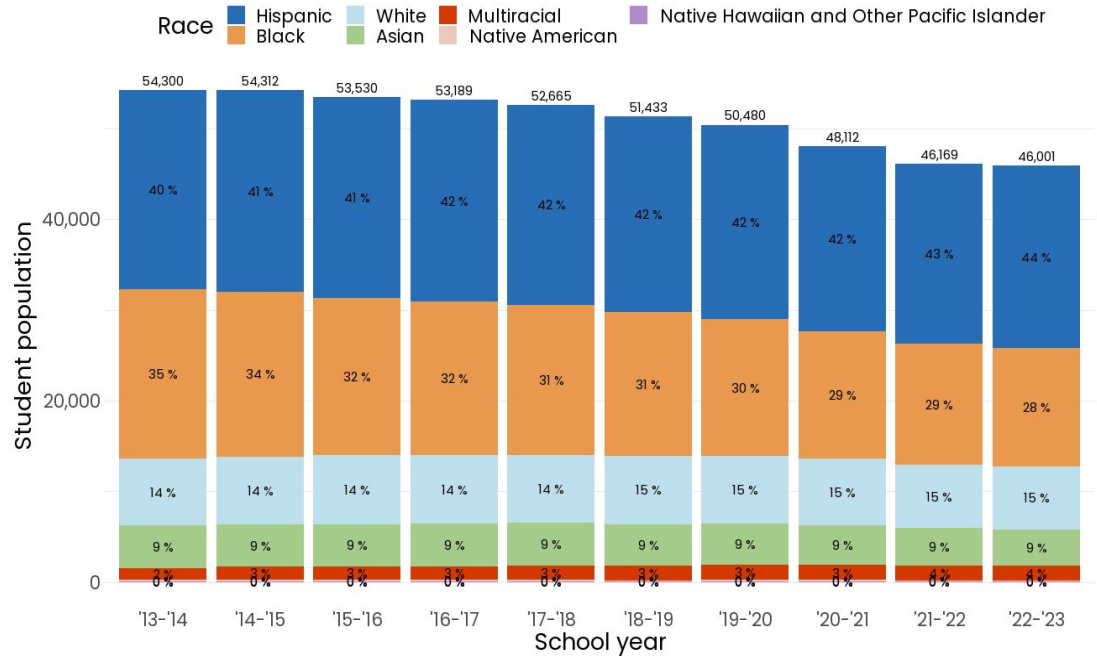
Approx. # of Students	Grade Span	Current Number
26,500	PreK-6	86 schools
22,000	7-12	33 schools

- **50%** of school buildings do not have auditoriums or cafeteriums
- **44%** of school buildings do not have full science labs
- **17%** of school buildings do not have art spaces
- **53%** of students with disabilities requiring substantially separate settings and **61%** of students in Sheltered English Immersion (SEI) or SLIFE programs, are concentrated in 5 high schools

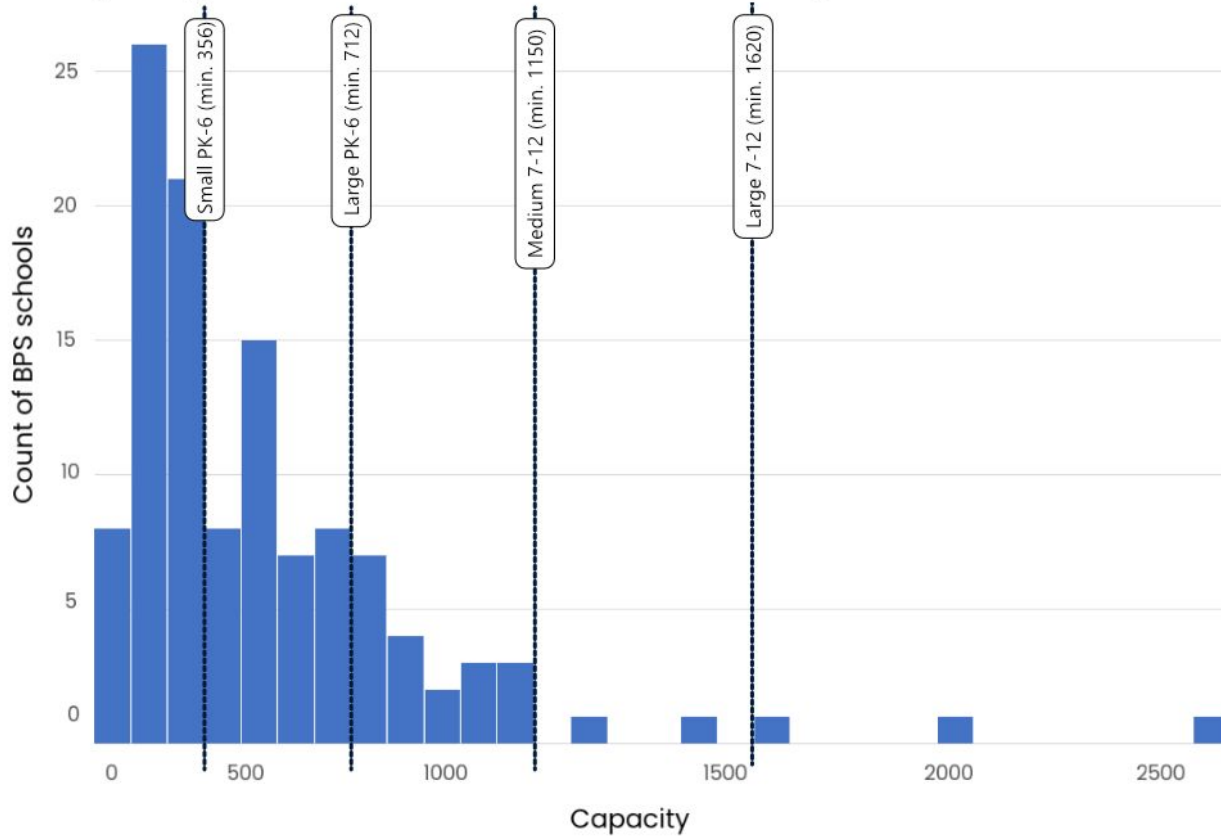
BPS Data Story

Despite a 10.7% decline in enrollment in the last 10 years, the number of BPS school buildings has only slightly decreased, stretching resources too thin and limiting programming opportunities for students.

BPS student population by race, 2013 - 2023



Capacity of Boston Public School buildings

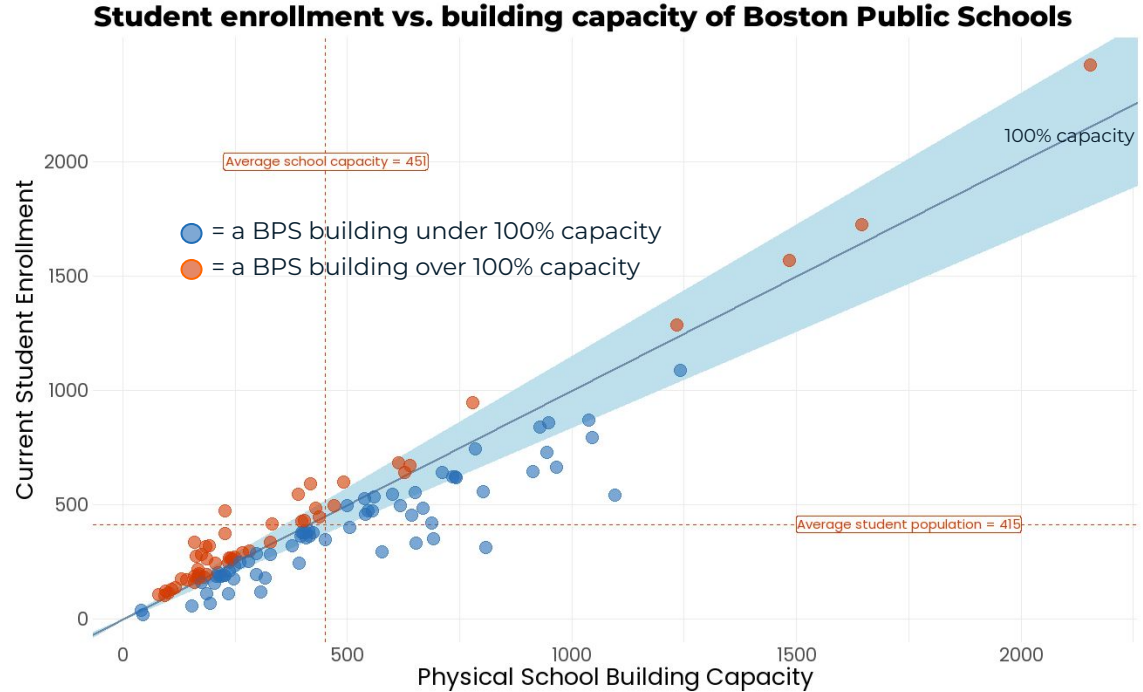


Too many of our buildings are too small to fit all of the spaces needed for a high-quality student experience.

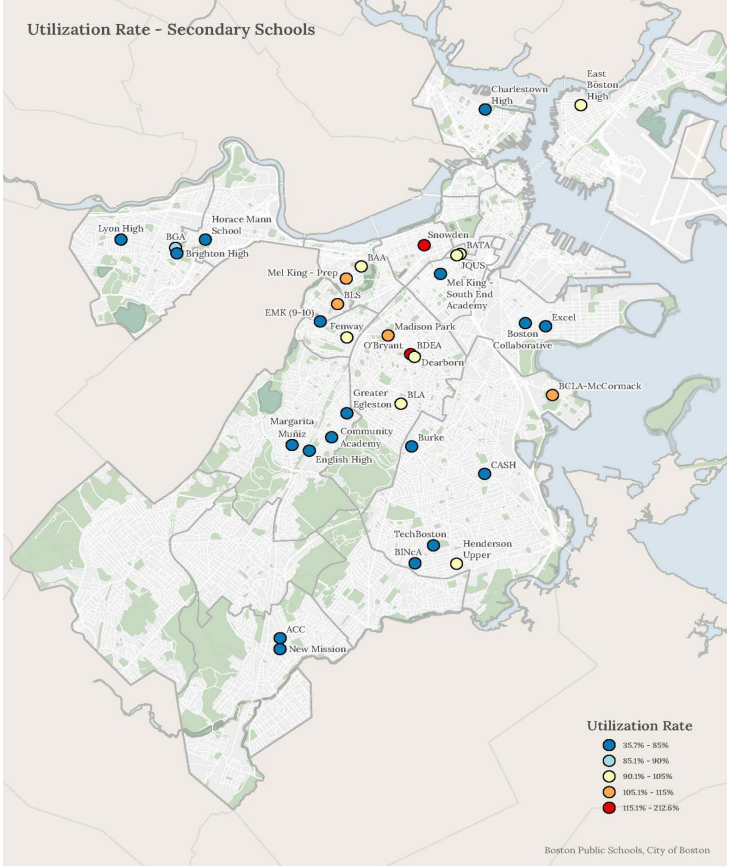
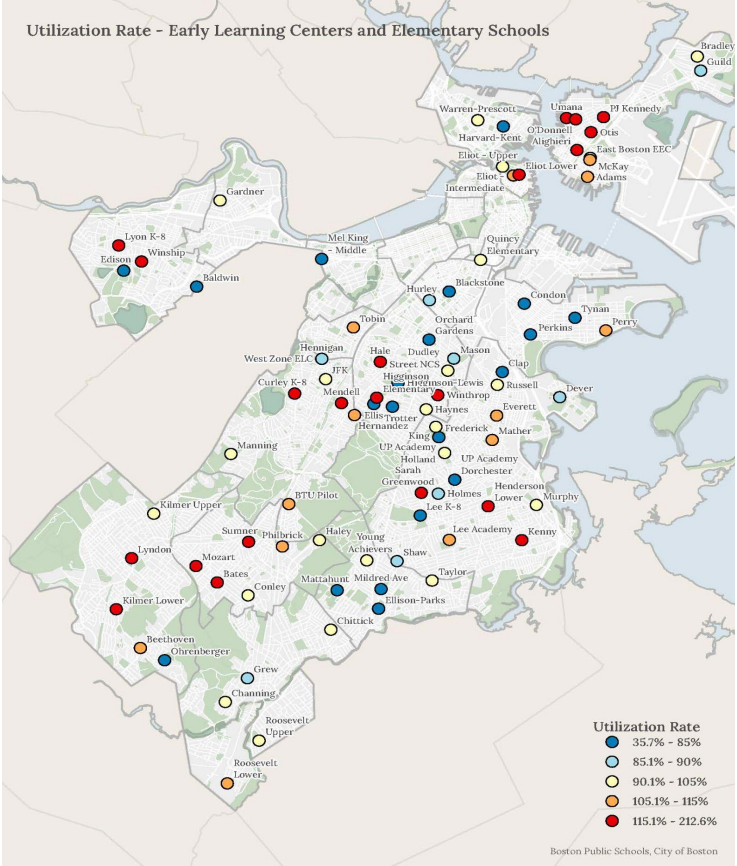
More than half (51%) of our school buildings have a total student capacity that is smaller than our smallest model.

How are our buildings currently utilized?

School buildings that are under-utilized – with far fewer students than the building’s capacity – may offer fewer resources for students, with a lower-quality student experience.



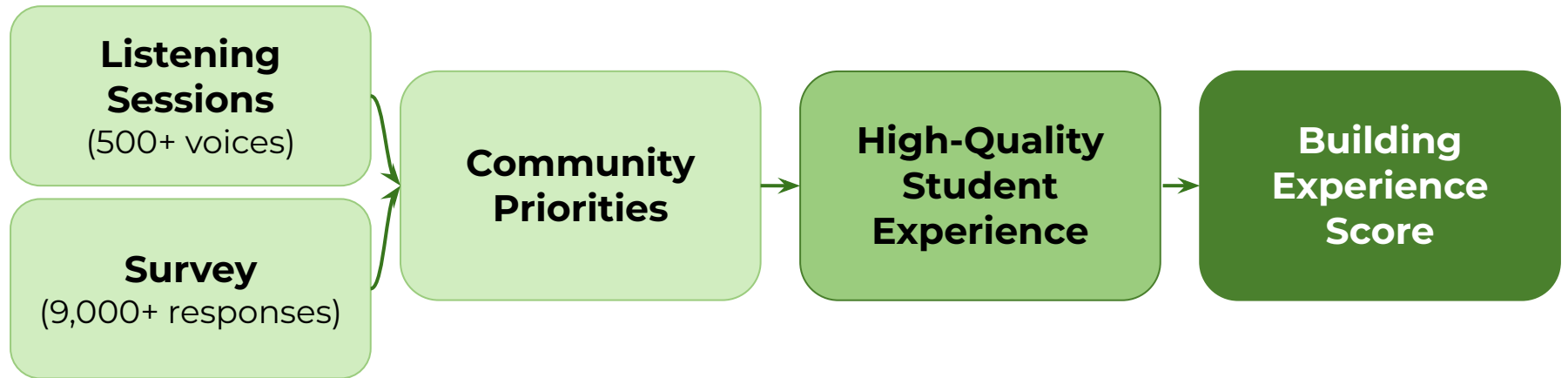
Utilization Rate of our School Buildings



Maps can be found at boston.gov/decision-making-rubric-dashboard

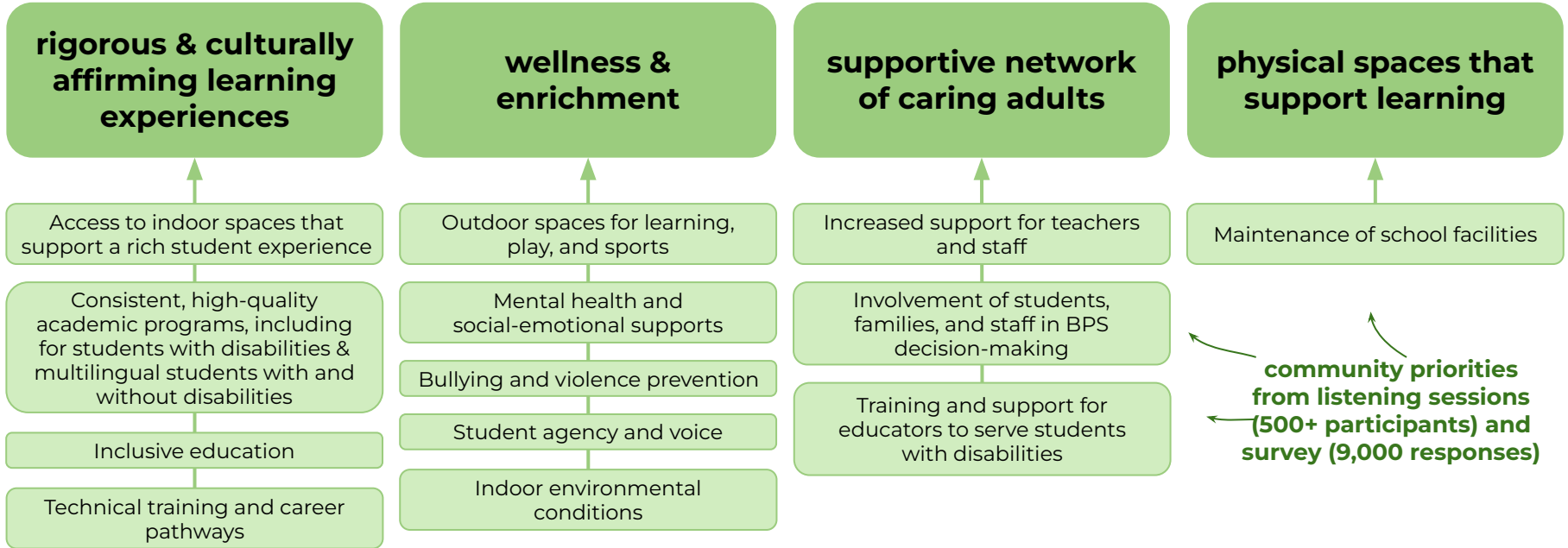
Current State: Measuring the High-Quality Student Experience

The **Building Experience Score** assesses how well our buildings can currently support the High-Quality Student Experience.



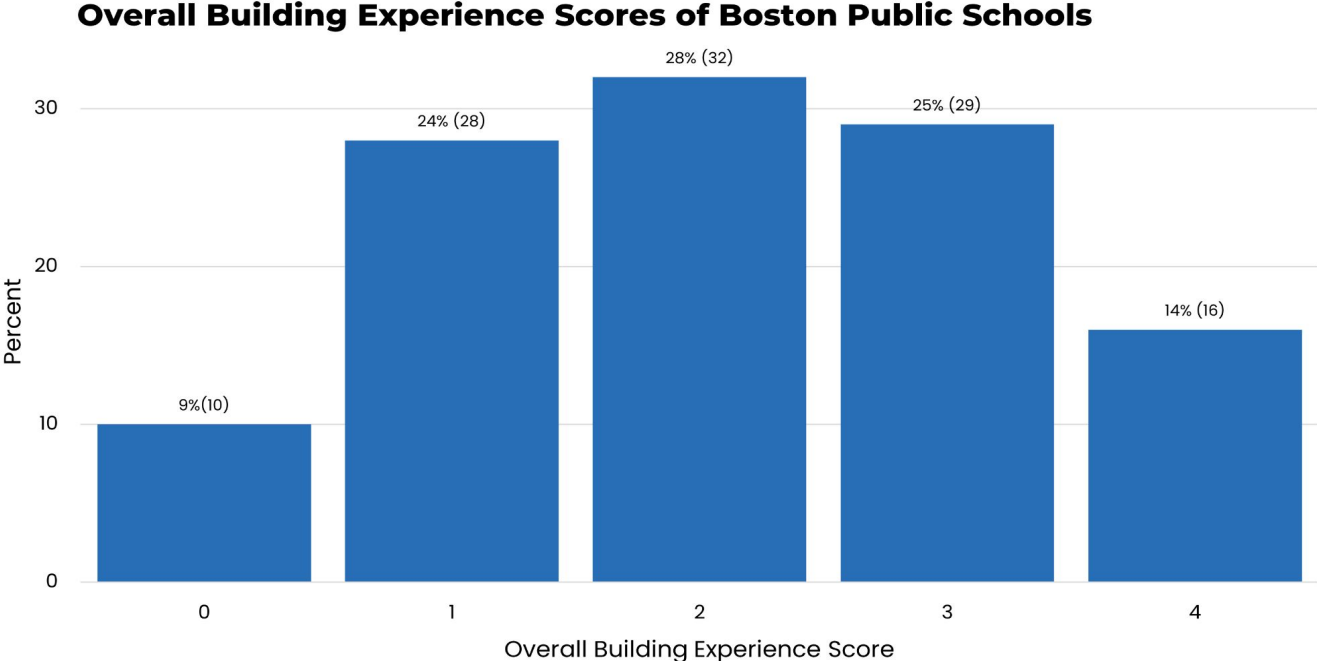
The High-Quality Student Experience

Community priorities defined the **High-Quality Student Experience**.



Building Experience Scores

4 out of 10 of our buildings have the capacity to support a high-quality student experience



Q&A (10 mins)

3-4 Questions

**We have the opportunity to
change BPS to better support
the High-Quality Student
Experience.**

“I would like to see state of the art classrooms for our students, also more after school programs: tutoring, student governments, music, and even sports...”
– BPS Family Member

“Schools should be the center of the community, like literally, they should have the space for the community to come together.”
– BPS Family Member

“It would be ideal for there to be a space for teachers and professional spaces. Collaborate on lesson plans, throw out ideas, and have an opportunity to share while you do your work.”
– BPS Teacher

Future State: What does it look like to support the High-Quality Student Experience?

Model Space Summaries define the ideal set of spaces needed for preK-6 and 7-12 school buildings to support the High-Quality Student Experience.

We developed **four Model Space Summaries**:

- Small PreK-6 (~356 students)
- Large PreK-6 (~712 students)
- *Small 7-12 (~650 students)**
- Medium 7-12 (~1150 students)
- Large 7-12 (~1620 students)

*"small" represents the size of many of our current buildings, but is not a Model Space Summary

Not every school building should or will fit a model, but **Model Space Summaries will serve as a guide for future new or renovated PreK-6 or 7-12 schools.**

Model Spaces offer students...

- Libraries, gyms, cafeterias & auditoriums
- Specialty classrooms for music, visual & performing arts
- Science labs, makerspaces & Career and Technical Education spaces
- Flexible spaces & mobile furniture
- Healthy, resilient & energy-efficient facilities
- Outdoor spaces for learning & play
- Spaces that support inclusive education
- Community-building & experiential learning



What could BPS be decades into the future if ALL of our schools fit a model?

Grade Span	Approx. # of Students	Current # of Schools	Possible Future Range
PreK-6	26,500	86 schools	40 - 80 schools
7-12	22,000	33 schools	19 - 24 schools

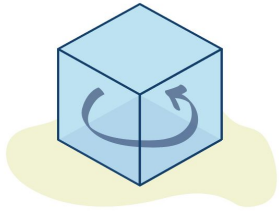
We are **not** closing half of our schools. The possible future range is the number of school buildings that could accommodate our current enrollment **if most of our school buildings fit a model.**

- The lower end of the range, if most buildings fit a large model
- The higher end of the range, if most buildings fit a small model

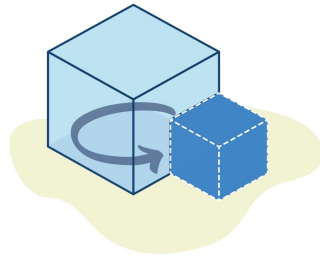
Not all schools will or should fit a model. We are committed to a diverse portfolio of schools that meets the diverse needs of our students.

How can our schools become “Model Spaces”?

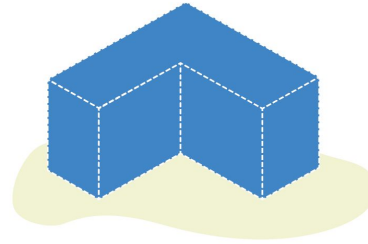
The rubric tool evaluates whether each school building/site could fit a model through the strategies below:



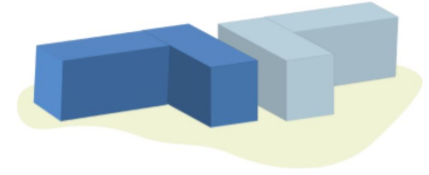
**renovation of
existing
building**



**addition &
renovation of
existing building**



**new building on
site**



**two-campus
school**

Closures and mergers will be considered when they allow more students to have access to the High-Quality Student Experience.

How does BPS maintain and support its schools?

Infrastructure planning & support:

- Facilities Condition Assessment** - An objective, detailed analysis of BPS building conditions, which will be used to determine infrastructure needs and make decisions about repairs, replacements, and renovations. The FCA is used in conjunction with Asset Essentials to address maintenance and repair and support smaller renovation projects.
- Current infrastructure projects** - Infrastructure repair and improvement projects that are recently completed, currently in design, or currently in construction are listed

Project Type	School	Status	Targeted Completion
Drinking Water Access Initiative - Package 3	Adams	Complete	2023
Playground surface replacement	Adams	Design	2024
Playground surface replacement	Alighieri	Design	2024
Drinking Water Access Initiative - Package 10	Another Course College	Not Started	2025
Drinking Water Access Initiative - Package 9	Baldwin Early Learning Pilot Academy	Design	2024/2025
Paving	Baldwin Early Learning Pilot Academy	Complete	2023
Masonry Project: Repointing and Lintel Repair	Baldwin Early Learning Pilot Academy	Complete	2023
Fence replacement	Baldwin Early Learning Pilot Academy	Complete	2023
Fire alarm and PA system upgrades	Barron Building	Construction	2024
Drinking Water Access Initiative - Package 9	Bates Elementary	Design	2024/2025
HVAC repairs	Bates Elementary	Design	2025

What's next?

What can students, families, and schools expect in the years to come?

- An annual cycle of proposals for major renovations, mergers, and closures that fit into a broader district vision to support a high-quality student experience
- A full academic year to support transition planning in most cases
- Support through school transitions
- Engagement and transparency in the process

Workshops in February

Workshop 1: East Boston, Charlestown, Fenway-Kenmore, Longwood, Back Bay, Chinatown, Beacon Hill, West End, North End, South End, Allston, Brighton, South Boston

Date: Saturday, February 3, 2024 **Time:** 10AM-12PM

Location: The Copley Library, 700 Boylston St, Boston, MA 02116

Workshop 2: All High Schools

Date: Monday, February 12, 2024 **Time:** 6PM-8PM

Location: Bruce C. Bolling Municipal Building, 2300 Washington St, Roxbury, MA 02119

[Register](#)

Workshops in March

Workshop 3: North Dorchester, Roxbury, Jamaica Plain, Mission Hill

Date: Saturday, March 2, 2024 **Time:** 10AM-12PM

Location: Shelburne Community Center, 2730 Washington St, Roxbury, MA 02119

Workshop 4: South Dorchester, Mattapan, Roslindale, Hyde Park, West Roxbury

Date: Saturday, March 9, 2024 **Time:** 10AM-12PM

Location: Hyde Park Community Center, 1179 River St, Hyde Park, MA 02136

[Register](#)

Late spring: Present proposals to School Committee for mergers, and closures

Questions or Feedback?

Thank you!

Appendix

Phase 1 Projects

Projects subject to change based on pending projects, cost, and labor and supply chain constraints

Project Type	Projects
Building Envelope	<ul style="list-style-type: none">● <i>Boston Latin Academy</i>- Exterior walls, insulated finishing, brickwork● <i>Murphy K-8 School</i> - Retaining wall, doors and roofing● <i>Boston Collaborative / UP Academy Boston</i> - Exterior walls, brick and block● <i>Mason Elementary School</i> - Retaining wall, concrete, roofing, ramps and stairs.● <i>Clap Elementary School</i> - Roofing, Exterior walls and brick
Building Infrastructure	<ul style="list-style-type: none">● <i>Lucy Stone (Leased to Roxbury Prep)</i> - Full study needed for in depth work including electrical, plumbing, and HVAC systems● <i>Murphy K-8 School</i> - HVAC● <i>Dickerman School (Leased to Roxbury Prep)</i> - Electricity, HVAC, and plumbing systems
Life and Safety Systems	<ul style="list-style-type: none">● <i>Barron Building</i> - Fire alarm panel replacement● <i>Curley K-8 School</i> - Fire alarm panel & PA replacement● <i>Hamilton Building (Leased to Bais Yaakov)</i> - Fire alarm panel & PA replacement● <i>Hurley K-8 School</i> - Fire alarm panel & PA replacement● <i>Tobin K-8 School</i>- Fire alarm panel & PA replacement

Merger Projects

Current Schools	Future State	Timeline
<p>P. A. Shaw Elementary School (K0-5)</p> <p>Taylor Elementary School (K0-5)</p>	<p>The combined Shaw-Taylor Elementary School will serve a preK-6 school community. Lower grades will be in the Shaw building, and upper grades will be served in the Taylor building. Long-term, the full school community will be brought together in a new facility.</p>	<p>This merger was approved by the Boston School Committee in spring 2023, and will go into effect at the beginning of School Year 2024-25.</p> <p>In December 2023, the Shaw-Taylor project was invited into the Massachusetts School Building Authority's Eligibility Period for the Core Program.</p>
<p>Philbrick Elementary School (K0-6)</p> <p>Sumner Elementary School (K1-6)</p>	<p>The combined Philbrick-Sumner Elementary School will serve a preK-6 school community. The school community will come together in the newly-renovated Irving building. Renovations are currently underway.</p>	<p>This merger was approved by the Boston School Committee in spring 2023. The merger will go into effect at the beginning of School Year 2025-26, after the completion of the renovation project at the Irving building.</p>
<p>UP Academy Dorchester (K-5)</p> <p>UP Academy Boston (6-8)</p>	<p>UP Academy Boston and UP Academy Dorchester will merge into a K-8 school on the UP Academy Dorchester campus.</p>	<p>Pending approval, this merger will go into effect at the beginning of School Year 2024-25.</p>

Grade Reconfigurations for SY24-25

School	Current Configuration	SY24-25 Configuration
Boston Green Academy	Grades 6-12	Grades 7-12
Edison School	Grades K1-8	Grades K1-6
Haley Pilot School	Grades K0-8	Grades K0-6, 8 (K0-6 in SY25-26)
Mather Elementary School	Grades K1-5	Grades K1-6
Margarita Muñiz Academy	Grades 9-12	Grades 7, 9-12 (add 8th in SY25-26)
TechBoston Academy	Grades 6-12	Grades 7-12
UP Academy Holland	Grades K0-5	Grades K0-6

Long Term Facilities Plan

The tools within the **Long Term Facilities Plan** will accelerate the future construction and renovation of BPS facilities when shared with contracted architecture & design firms by shortening the planning and design timelines, allowing construction to begin faster. Key pieces of the Long Term Facilities Plan include:

Educational Specifications, programming and design guidelines for new school construction and renovation projects

Building and Architectural Standards, technical design requirements for construction and renovation projects, which support the acceleration of future projects

Model Space Summaries, an ideal set of standard physical spaces, based on size of enrollment, that buildings should provide to support the High-Quality Student Experience. There are 4 model space summaries to serve as the foundation for future school construction & renovation. Slides 5-9 provide more detail.

Rubric, a tool that intakes a variety of demographic, neighborhood, and other data, including Building Experience Scores and Model Space Summaries, and shares the impact different investment decisions would have on students and communities. This tool will help us work through the trade-offs of investment decisions. Applying this tool, alongside community, is our focus in early 2024.

Long-Term Facilities Planning

December 2023 Long-Term Facilities Plan

Data
Facilities Condition Assessment
Community Priorities
Building Walkthroughs



Tools
Educational Specifications
Design Standards
Building Models
Rubric



Initial Decisions in 2024

Decisions *could* include:

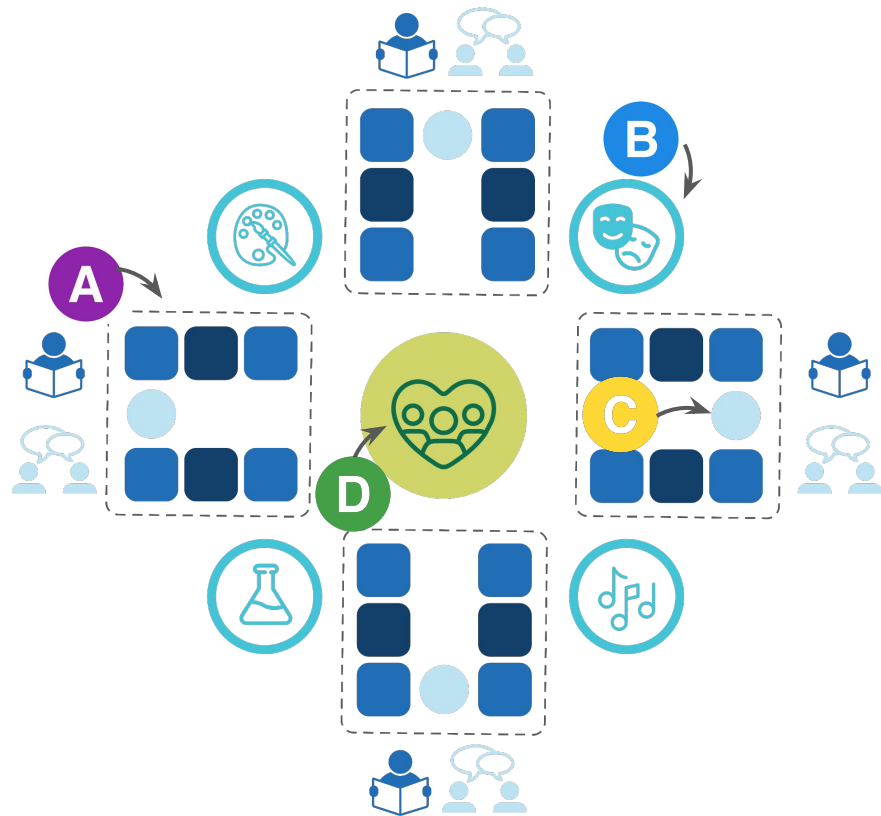
- New builds
- Renovations
- Expansions
- Smaller-scale investments
- Grade reconfigurations
- Mergers (including multiple-campus schools)
- Closures

Note: Not all categories will have decisions every year.

Model Space Summaries

Model Space Summaries are made up of **learning cohorts** (a group of students) that share new opportunities for learning, development, and collaboration

- A** More classrooms per grade, including general classrooms and substantially separate space
- B** More specialty classrooms for art, music, science, and Career & Technical Education
- C** More resources for therapeutic and pull-out spaces
- D** Community hub programming



How will the School Design Study help accelerate projects?

Essential tools to accelerate the pace at which projects are completed and increase equity and transparency:

- Model Space Summaries
- Education Specifications
- Architectural and Design Standards
- Rubric to Guide Decision-Making

Special thanks to our partners in the Public Facilities Department and the DLR Group.

What's the energy demand from BPS facilities?

BPS buildings use more energy on average than other US school districts.

The graph illustrates the 2022 Energy Use Intensity (EUI), with each bar representing an individual school.

EUI, measured in kilo British thermal units per square foot (kBtu/sq ft), quantifies a building's energy consumption relative to its size.

