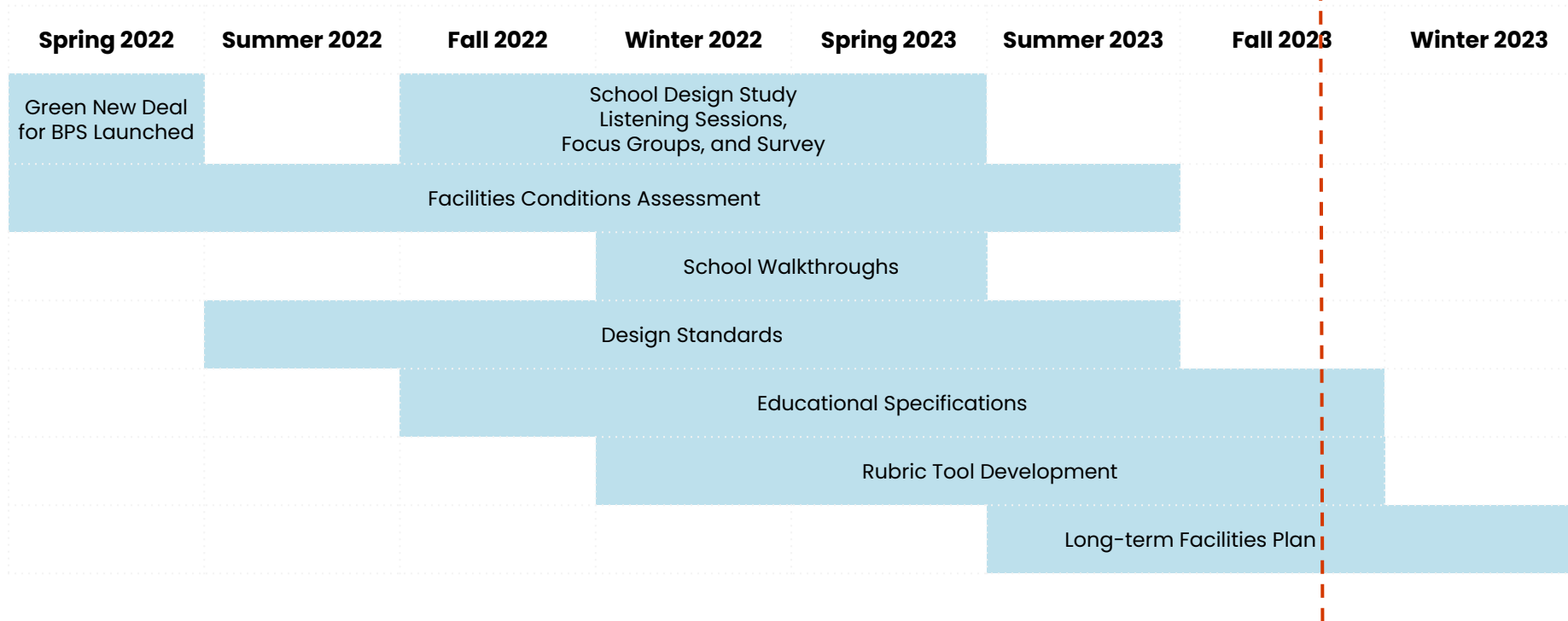


Boston Public Schools Long-Term Facilities Planning

November 2023

Timeline

We are here



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.

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

Building Models 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 different building models**:

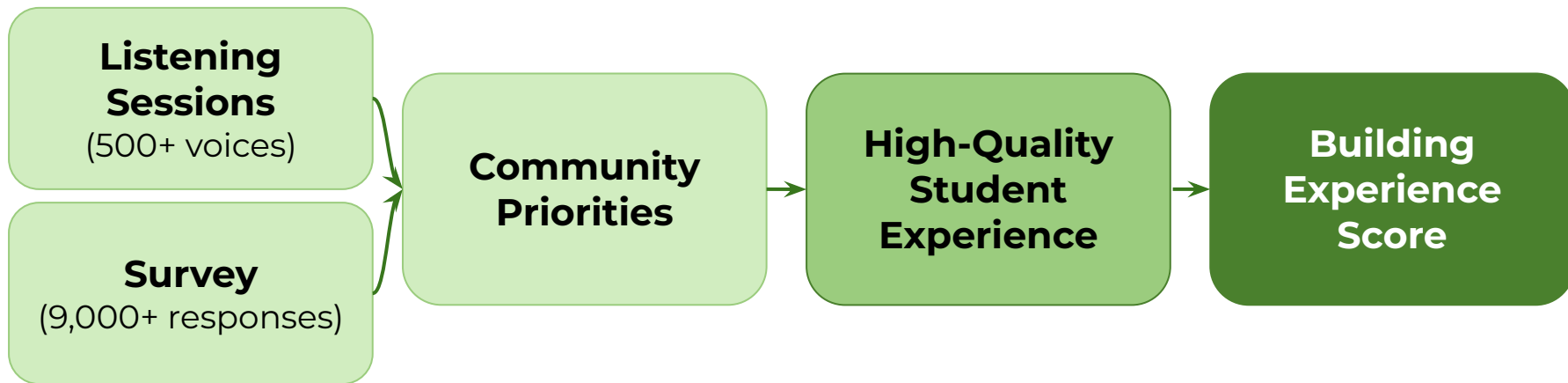
- Small PreK-6 (~356 students)
- Large PreK-6 (~712 students)
- Small 7-12 (~650 students)*
- Medium 7-12 (~1150 students)
- Large 7-12 (~1620 students)

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

*"small" represents the size of many of our current buildings, however is not a Building Model

Measuring the High-Quality Student Experience

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



Measuring the High-Quality Student Experience

The metrics that make up the **Building Experience Score** include data from school walkthroughs, site plans, and the Facilities Conditions Assessment.

rigorous & culturally affirming learning experiences

- Learning spaces - classrooms, science rooms, art rooms, breakout rooms, and small group rooms, etc.
- Public spaces - gyms, cafeterias, libraries/media centers, and auditoriums
- Average number of classrooms per grade

wellness & enrichment

- Outdoor learning, athletic, and play spaces
- Spaces for mental health, and social emotional support
- Student-centered spaces

supportive network of caring adults

- Teacher and staff spaces
- Family and community spaces

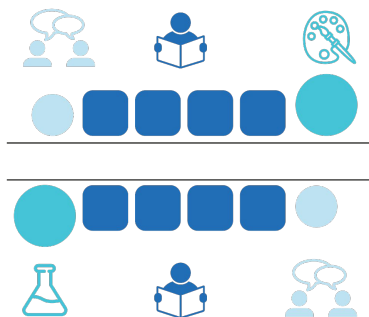
physical spaces that support learning

- Facilities condition (FCA)
- Modernization score (FCA)
- ADA compliance

Typical School Layouts

EXISTING SCHOOLS:

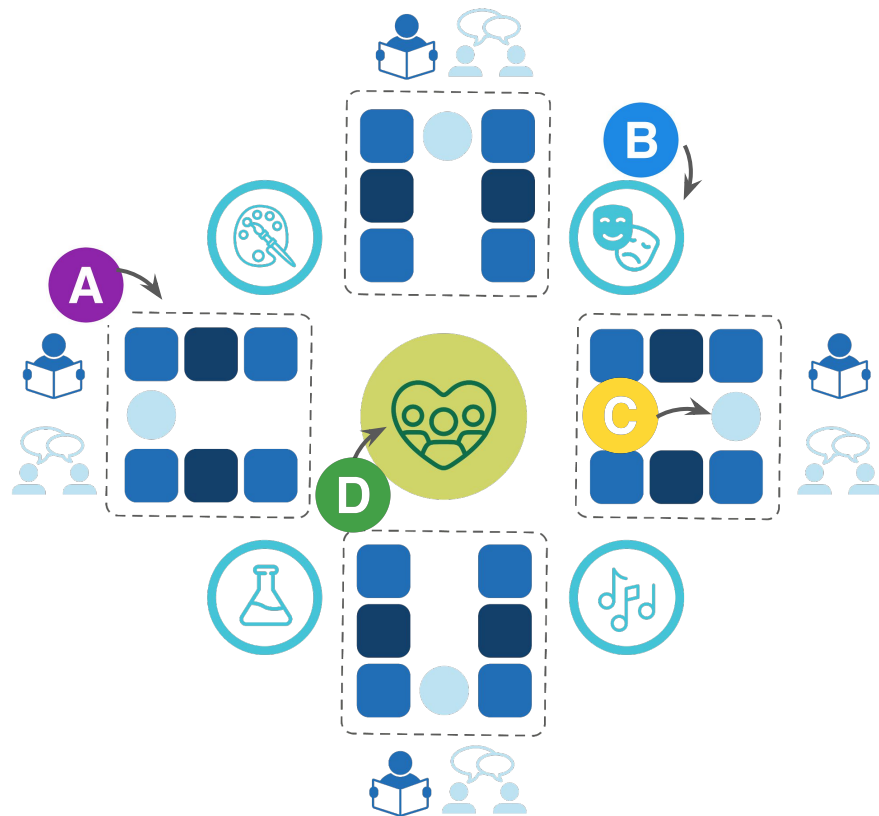
fewer classes per grade, limited specialty areas and support spaces



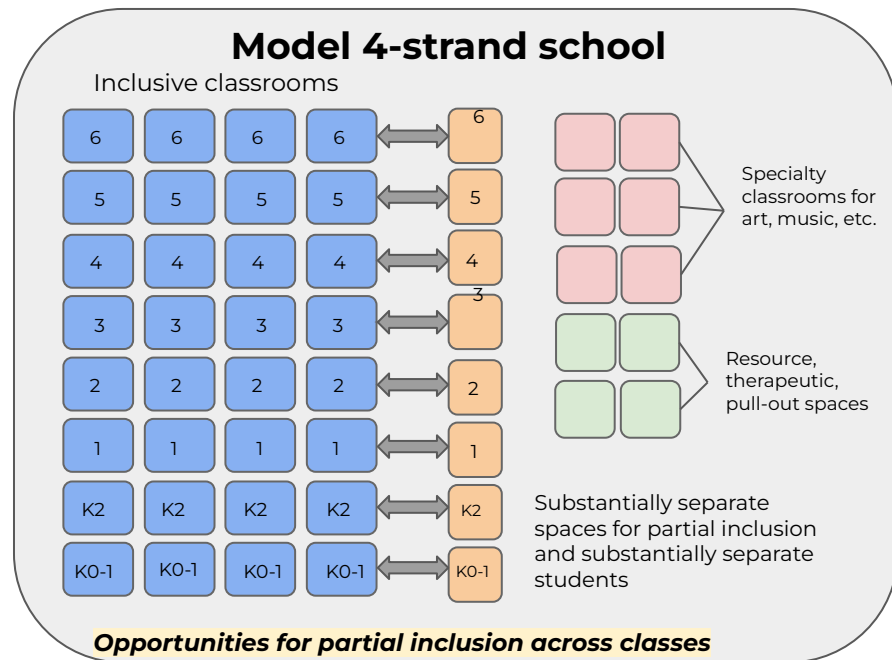
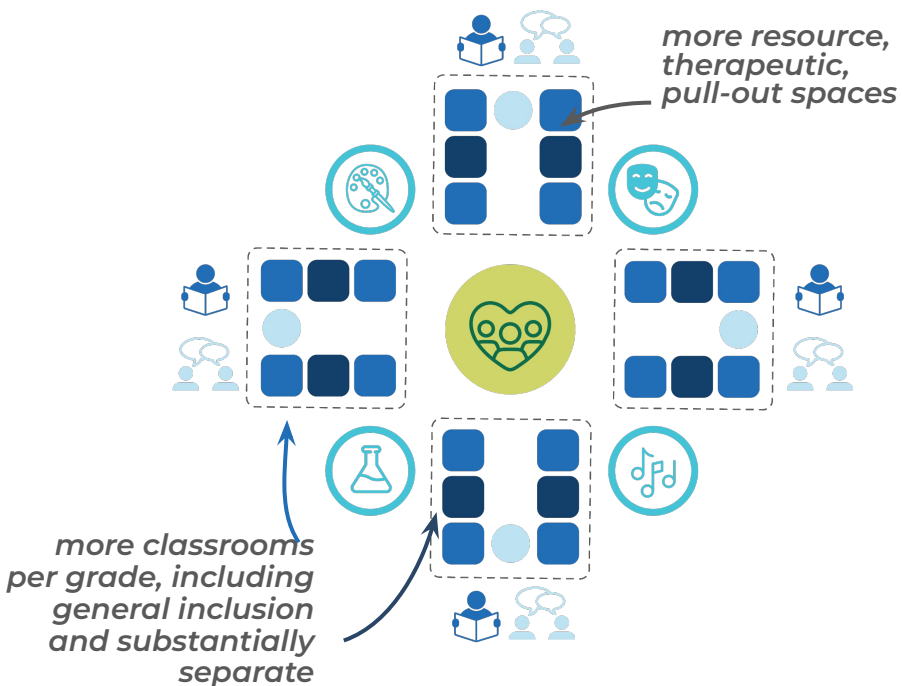
Building model

Building models 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 spaces
- 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



What could building models look like?



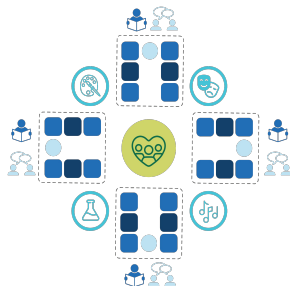
Building Models offer students...

- 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

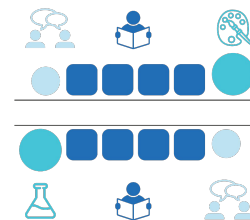


Building Models: What's possible?

Of the 119 BPS school buildings that we analyzed:



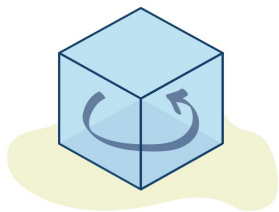
71 school buildings/sites
have the potential to fit at
least one building model



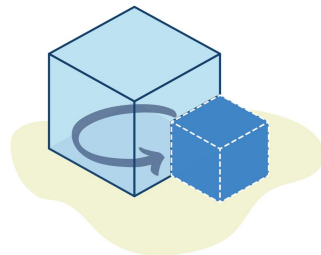
48 school buildings/sites
do not easily fit a building
model; more analysis is
required

How can our schools fit building models?

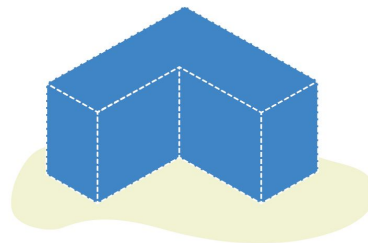
The rubric evaluates whether each school building/site could fit a building model through:



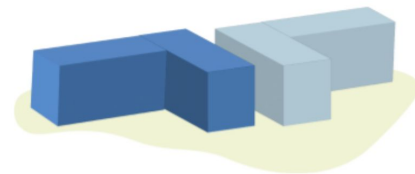
renovation of
existing
building



addition &
renovation of
existing building



new building on
site



two-campus
school

What is the rubric working towards?

The decision-making rubric is a tool to guide decisions on where we **invest** resources in **facilities** to support making the **BPS High-Quality Student Experience** a district-wide reality.

All **students and families** are able to access buildings that support the **High-Quality Student Experience close to home**.



WHAT & HOW?
**Facilities that support the
high-quality student experience**

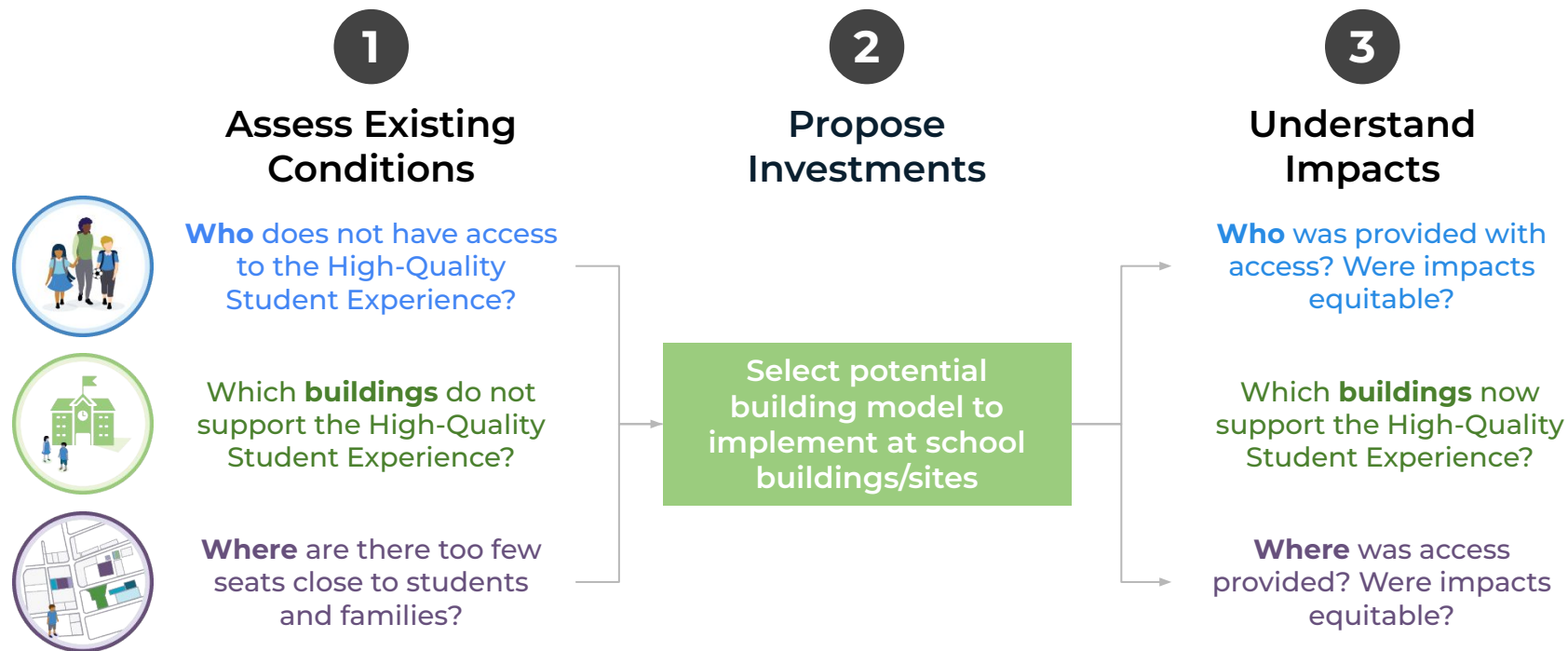


WHO?
**Students &
families**



WHERE?
Close to home

How does the rubric work?



Capacity to fit at least one building model

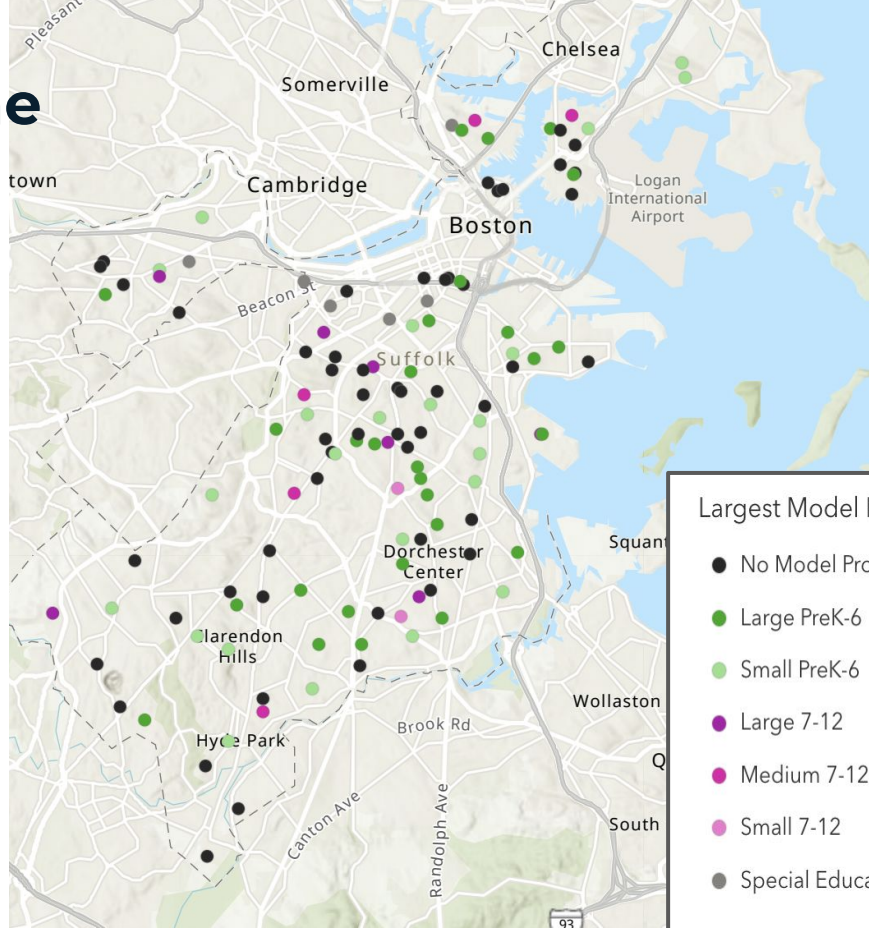
1

Assess Existing Conditions

Who does not have access to the High-Quality Student Experience?

Which **buildings** do not support the High-Quality Student Experience?

Where are there too few seats close to students and families?



Building Experience Score

1

Assess Existing Conditions



Who does not have access to the High-Quality Student Experience?

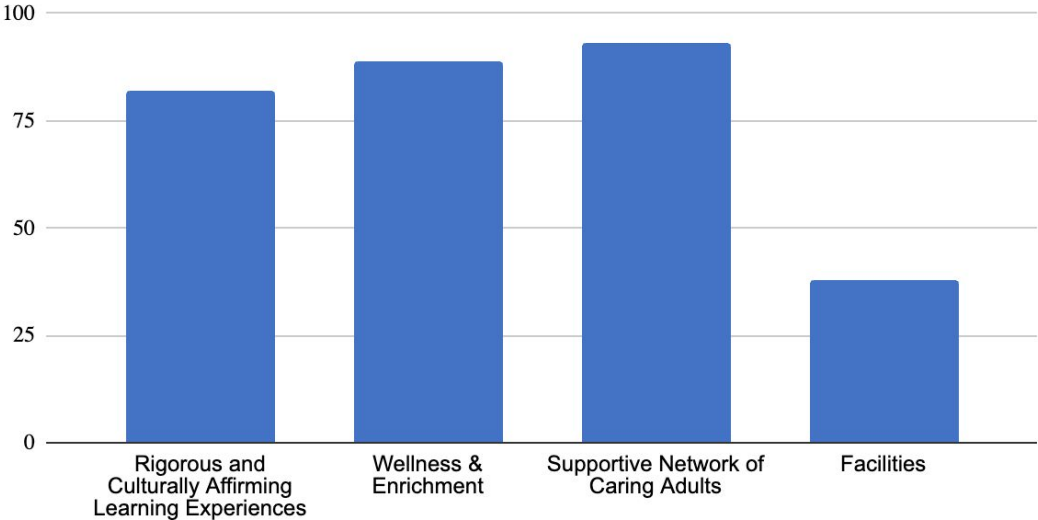


Which **buildings** do not support the High-Quality Student Experience?



Where are there too few seats close to students and families?

Number of schools that physically support each Building Experience category



How does the rubric work?

2

Propose Investments

Select potential building model to implement at school buildings/sites

The rubric only allows you to propose investments on sites that can fit a building model, selecting among the different possible building models.

East Boston Early ...	Expansion	No Change

East Boston High ...	Expansion	No Change

Eliot K-8 Inn...	Expansion	A_2b_Ideal 7-12

Eliot K-8 Innatio...	Expansion	No Change

Eliot K-8 Innatio...	Expansion	No Change

Eliot K-8 Innatio...	Expansion	No Change

Eliot K-8 Innatio...	Expansion	No Change

Guild Elementary ...	Expansion	No Change

Harvard-Kent Elem...	Expansion	No Change

How does the rubric work?

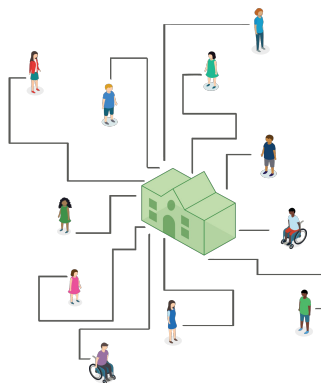
3

Understand impacts

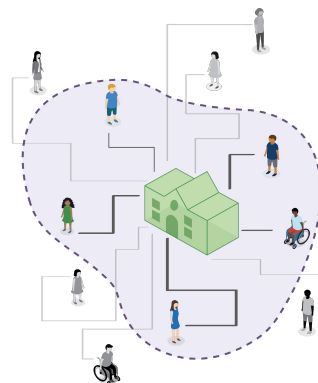
Who was provided with access? Were impacts equitable?

Which **buildings** now support the High-Quality Student Experience?

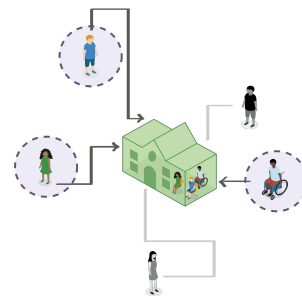
Where was access provided? Were impacts equitable?



route students to school buildings



determine students near each school building



identify building's capacity to serve nearby students

Disaggregated student data

race ethnicity language disability

STEP 3: UNDERSTAND IMPACTS

Run the above scenario through the rubric and record the results:

	STEP 1 Current State	STEP 3 Future State
# seats in buildings supporting the BPS High-Quality Student Experience (building supports a model program)		
# students able to access seats in buildings supporting the High-Quality Student Experience		
# students identified in OAG policy now able to access seats in buildings supporting the High-Quality Student Experience		
# school buildings supporting the High-Quality Student Experience located in High Opportunity Neighborhoods		

How well did your chosen investments achieve your desired results? Support your reflections with data/evidence.

PASO 3: COMPRENDER LOS IMPACTOS

Ejecute el escenario anterior a través de la rúbrica y registre los resultados:

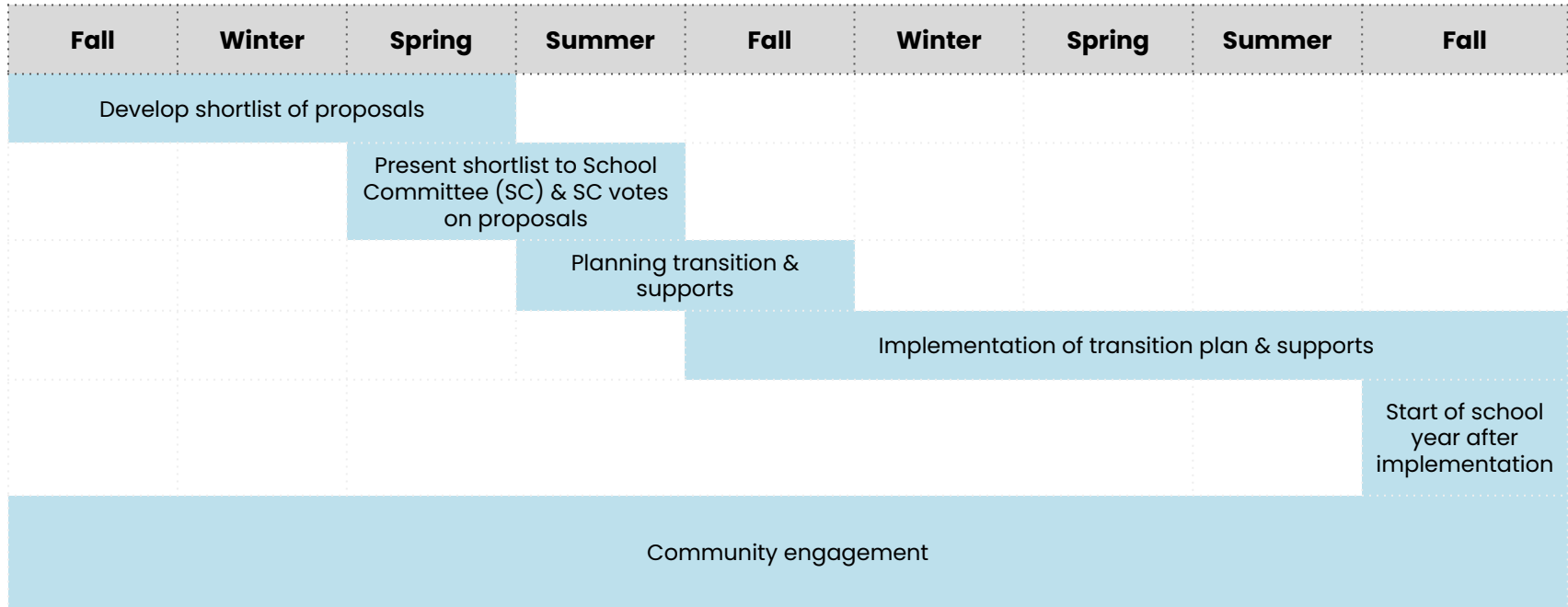
	PASO 1 Estado Actual	PASO 3 Estado Futuro
# asientos en edificios que apoyan la Experiencia Estudiantil de Alta Calidad de BPS (el edificio apoya un programa modelo)		
# estudiantes capaces de acceder a asientos en edificios que apoyan la Experiencia Estudiantil de Alta Calidad		
# estudiantes identificados en la política OAG ahora pueden acceder a asientos en los edificios que apoyan la Experiencia Estudiantil de Alta Calidad		
# edificios escolares que apoyen la Experiencia del Alumno de Alta Calidad situados en Barrios de Grandes Oportunidades		

¿En qué medida las inversiones elegidas han logrado los resultados deseados? Apoye sus reflexiones con datos/pruebas.

Timeline

Mergers and Closures*

DRAFT FOR DISCUSSION

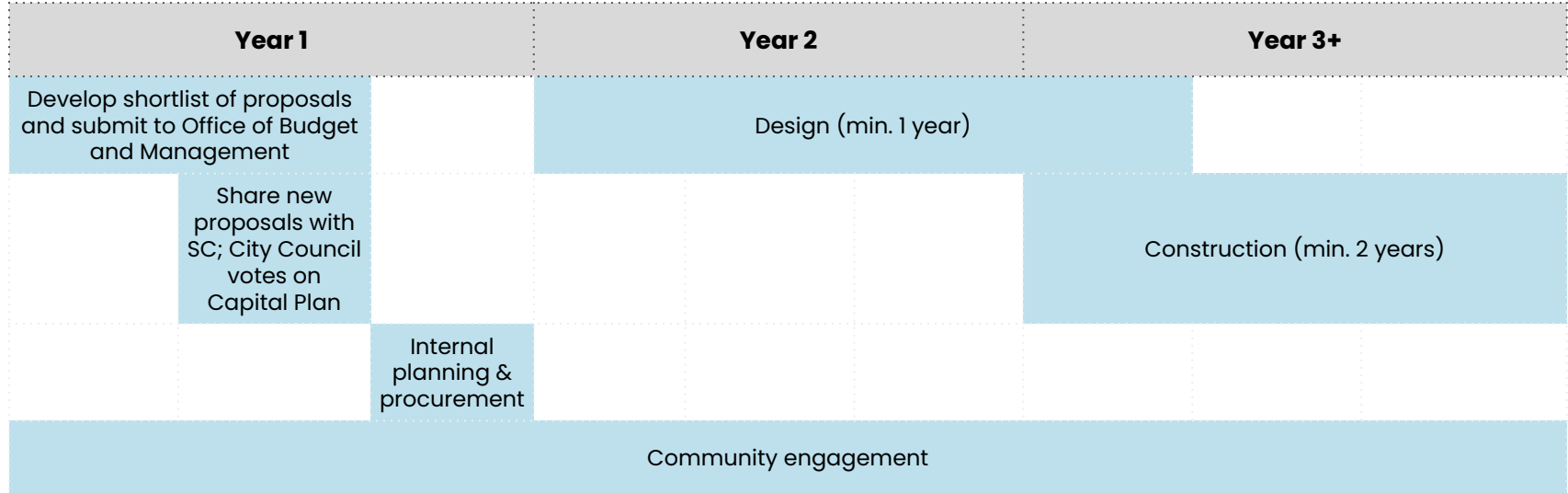


*mergers and closures go to SC vote

Timeline

New Builds and Renovations

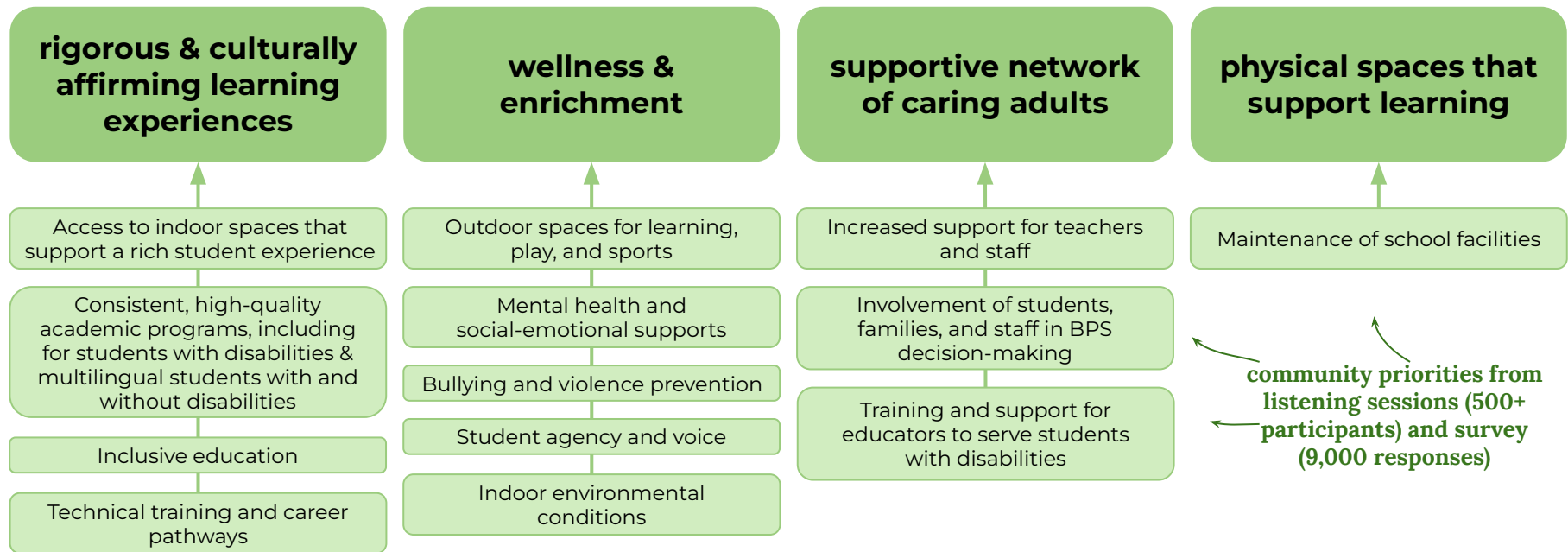
DRAFT FOR DISCUSSION



Appendix

The High-Quality Student Experience

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



Components of the School Design Study

Ed Specs & Design Standards make up our building models, which will serve as the foundation for future construction/renovation projects, shortening the timeline to get projects into design and construction.

Building Models outline the ideal set of spaces that PreK-6 and 7-12 buildings should provide to support the High-Quality Student Experience.

Decision-making rubric incorporates data on the current conditions of our buildings and the future potential to adopt a building model. It allows us to test investment scenarios and evaluate impacts, using disaggregated student data based on race, ethnicity, language, and disability.

Case studies are test fits on a selection of BPS sites to assess how the building models could be implemented through renovations, expansions, or new builds.