WELCOME!

LEXINGTON HIGH SCHOOL

Once again, please fill out and wear a name tag and sit at tables within DIFFERENT mixed groupings of:

- Students
- Teachers
- Parents
- Administrators
- Community Members
- School Board Members
- School Building Committee Members

SMMA newvistadesign

Educational Visioning

Ed Visioning Workshop Two

December 20, 2023

LEXINGTON HIGH SCHOOL

ENVISIONING THE NEW LEXINGTON HIGH SCHOOL FACILITY

SMMA

newvistadesign

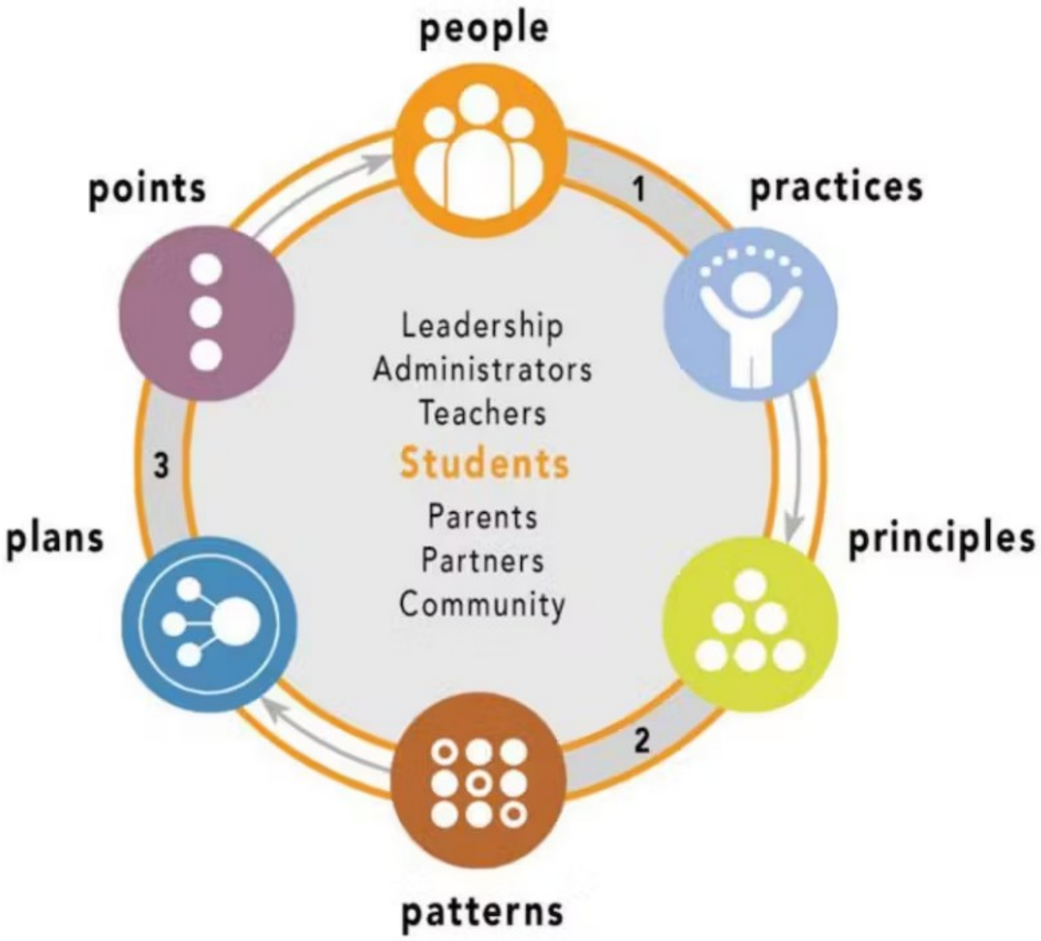
Workshop Two Agenda

1. Three Words *Word Cloud* (5 Min)
2. Learning Goals *Review* (15 min)
2. Implications of Strategic Plan Goals: *Tabletop Discussions* (25 min)
3. Design Patterns *Interactive Presentation* (30 min)
4. Design Patterns *Small Group Prioritization* (40 min)

The Visioning Process

Engaging, customizable, and effective

- key people
- desired practices
- guiding principles
- design patterns
- adjacency plans
- talking points

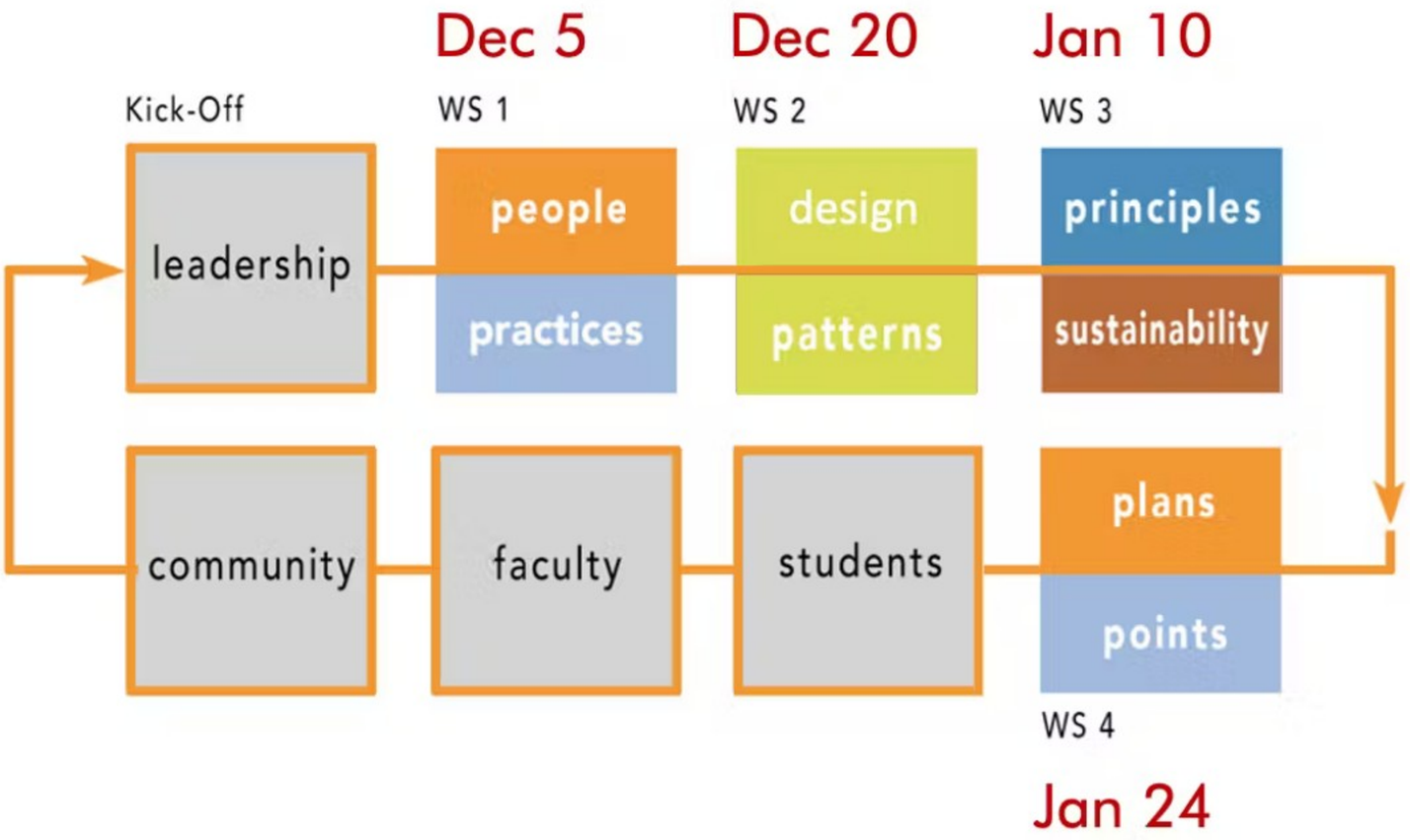


SMMA newvistadesign LEXINGTON HIGH SCHOOL

The Visioning Process

Engaging, customizable, and effective

- Leadership
- Teachers
- Specialists
- Students
- Parents
- Partners
- Community



SMMA newvistadesign LEXINGTON HIGH SCHOOL

Workshop One Notes

LEXINGTON HIGH SCHOOL

Educational Visioning Workshop One Notes 12.5.23

The Lexington High School (LHS) Educational Visioning Group (EVG) met for the first of four Educational Visioning Workshops from 3:30 – 5:30 PM on Tuesday, December 5, 2023. The EVG is a group of approximately 60 participants that includes LHS leadership, administrators, teachers, specialists, parents, students, community partners, and community members. Visioning Workshops are being facilitated by SMMA and New Vista Design, with the goal of leading participants through a step-by-step visioning process aimed at capturing their best thinking about LHS's current and future educational goals and priorities and connecting them to best practices and possibilities in future ready high school facility design. If you have questions about the workshops or would like to add additional priorities to the list below, please email them to David Stephen at david@newvistadesign.net

Project Priorities

The following Educational, Architectural, and Community Priorities for Lexington High School educational programs and facilities were brainstormed by workshop participants during the Educational Visioning Group Workshop One. Responses have been combined with the "Greatest Hopes" shared by participants at the start of the workshop and grouped by like-themes. This list will continue to develop throughout the upcoming Educational Visioning workshops.

Educational Priorities

Joy in Learning

- Happy students
- Fostering creativity in education, especially with AI on the horizon for the future of jobs
- More emphasis on trying to understand the content rather than the correct answers (grading rubrics that encourage understanding)
- Spaces and programs that promote and embrace 21st century skills like communication, critical thinking, creative problem solving

Cultural Responsiveness

- Education (and educational spaces) that affirms all the diverse identities of students in our school community
- Culturally responsive & community-based learning
- Envisioning approaches to academics, learning, and spaces and facilities through a lens that prioritizes connectivity, school culture, and community building as an essential foundation
- Opportunities for intercultural collaboration and communication
- Promote and create friendships between people of different gender identities

SMMA

SMMA newvistadesign LEXINGTON HIGH SCHOOL

Instructions

Go to

www.menti.com

Enter the code

8575 5831

Or use QR code

23

What three words best describe the culture of LHS?

34 responses

11

Future Ready Learning Goals 1.0

LHS Future Ready Learning Goals 1.0

1. Joy in Learning (45 votes)
   - Connecting to Joy
   - Exploring Varied Pathways and Interests
   - Student Centered Learning
   - Universal Design for Learning
   - Deeper and Project-Based Learning
   - Life Skills
2. Emotional Intelligence (60 votes)
   - Empathy and Caring
   - Social Reasoning and Perspective
   - Positive Teacher and Student Relationships
   - Skills to Connect with Others
   - Self and Others
   - Kindness and Respect
   - Taking Action
3. Curiosity, Creativity, and Risk Taking (60 votes)
   - Growth Mindset Toward Success
   - Managing Success and Failure
   - Making Meaning from Feedback
   - Productive Struggle
   - Find the Topic, Find the Question
   - Inventive Thinking
4. Cultural Awareness and Expression (55 votes)
   - Promoting and Maintaining Heritage
   - Multicultural Literacy and Global Awareness
   - Ability to Thrive in a Diverse Environment
   - Communicating in Mother Tongue and Across Other Languages
   - Cultural Competence
5. Initiative and Self-Direction (55 votes)
   - Independence and Entrepreneurship
   - Good Time Management and Learning Habits
   - Internal Motivation
   - Optimizing Effort
   - Seeking Knowledge
   - Self-Advocacy
   - Self-Discovery
6. Communication and Collaboration (70 votes)
   - Teaming and Interpersonal Skills
   - Effective Written and Oral Communication
   - Contributing Team Member
   - Digital Literacy
   - Leadership
7. Critical Thinking and Problem Solving (55 votes)
   - Ethical Decision Making
   - Quantitative and Mathematical Competency
   - Real World Applications
   - Taking Big Picture Views
8. Personal, Social, and Civic Responsibility (45 votes)
   - Commitment
   - Citizenship and Ethics
   - Open Mindedness
   - Positive Community Contributions
9. Agility and Adaptability (35 votes)
   - Cognitive Flexibility
   - Managing Complexity
   - Developing Skills for Lifelong Learning

What strikes you about these learning goals? What might you change, add, or delete for a version 2.0?

This list applies to the adults and the students in the school as we want to be a learning organization

Academic Excellence

Learning from our mistakes

More focus on resiliency in mental health and building a good support for students

It is a little lengthy.

under personal:Add a space about healthy life long habits (sleep, organization, etc.)

More explicit references to equity, many of the items under #4 and #8 don't give attention to how those goals mean different things for different people.

Feels like we're missing the importance of something practical, hands-on.

36

What strikes you about these learning goals? What might you change, add, or delete for a version 2.0?

Some words can be more specific. "Self discovery" is very conceptual and hard to work with architecturally. We can have something like discovery of personality, or artistic style, or learning methods

In personal Responsibility - its also about self agency around health and well being: mental and physical

Take out "entrepreneurship" - too commercial. Innovation would be better.

Add - Focus to Special Needs

Being resilient

Being socially aware

These also feel unranked, but the order makes them feel ranked. Maybe just have topics unnumbered.

Have a learning mindset

36

What strikes you about these learning goals? What might you change, add, or delete for a version 2.0?

Top 3 categories appear to be Communication & Collaboration, Emotional Intelligence, and Curiosity, Creativity, & Risk Taking

Cognitive flexibility

Collaboration being so high is a recognition that the challenges future generations need to face won't be solved by individual ingenuity but compromise and collective work

Equitable practices could/should be more forward.

How do we incorporate a feedback loop in all of these goals, for ourselves as individuals and as a system

A V2 will look like consolidated items on the listed, deduplicated.

Talks about the broad view of the graduate vision.Can we articulate the notion of "College and.... as in vocational training opportunities.Build a resiliency center

Challenging yourself

36

What strikes you about these learning goals? What might you change, add, or delete for a version 2.0?

How do we know when we are succeeding in any of these goals

These are truly reflective of our school culture and also areas for growth. I would amplify our need for even more personal, social, and civic responsibility.

I am shocked at the lack of votes for agility and adaptability. I believe it is highly important to be adaptable, as it is one of those things that sticks with you forever.

I like seeing emotional intelligence as an important learning goal. Could add equity

It feels like it places less value on joy in learning, and social-emotional relationships. Joy in learning should be a high priority, as it is an important factor in being able to achieve more.

Being aware

Categories 1 [Joy in Learning]; 5 [initiative and self-direction] and 3 Curiosity, creativity, and Risk-taking are ALL INTERRelated and can be "Grouped together" in a larger goal category -

Life Skills may be better placed under Personal, Social, and Civic Responsibilities.

36

What strikes you about these learning goals? What might you change, add, or delete for a version 2.0?

A lot of the categories overlap with others - maybe format the list differently in order to create a larger vision instead of so many separate categories.

under agility and adaptability - adding resilience, learning how to learn, learning/growing/thriving from initial failure

Add - Mental Health, Balance what you have on your plate. Life skills

1-3 = mission; 4 = DEI; 5-9 = habits of mind

On Initiave and Self-Direction - Learn how to take risks and benefit from previous mistakes.

There needs to be a better understanding of productive struggle and resilience

Make the best of your circumstances

Maintaining physical health for all ages and body types

36

What strikes you about these learning goals? What might you change, add, or delete for a version 2.0?

Ability to destress

All nine categories are relevant and thoughtful. That don't appear to be in a hierarchical context, each carries the same weight in terms of importance. I doubt I'd change anything.

STEM Literacy for all ages and abilities

These all seem to be aligned with broader 21st century learning, as opposed to antiquated approaches to learning that are less open and less effective with today's evolving student population

Also how do we incorporate evolution in our goals?

That joy of learning as a goal is the center of it all, and how everything else builds off of that

Understanding the history of others, not only modern conflicts and cultures but also how those cultures formed

I think that goals like Critical Thinking and Problem Solving and Self-Direction should be ranked higher as they are centered around goals like emotional intelligence and joy in learning

36

What strikes you about these learning goals? What might you change, add, or delete for a version 2.0?

Curiosity, critucal thinking, adaptability takes precedencerhen joy of learning happens

I think they're great! I like the whole success and failure idea. I think, under that hood, teaching kids not to attach themselves to letter grades is important.

Critical thinking - there is more to problem solving than mathematical competency. Ability to ask questions, to know when to ask questions; to know where to go to find information. To reflect on past

Creative expression?

Critical thinking - reflect on past practice and change as needed

The world issues (climate change, erosion in democratic values-practices, income inequality et al)do intrude into our learning spaces. How do we manage that. How do we incorporate it in learning goal

wondering about if managing success/failure better suited under agility and adaptability, perhaps with the addition of resilience

Understanding one's context, social awareness. What is managing complexity,

36

What strikes you about these learning goals? What might you change, add, or delete for a version 2.0?

Category 5 and 7 should be ranked higher. Success and achievement in academic classes breeds feelings of confidence and therefore happiness.

Academic curriculum should be the main focus for a college prep school like LHS

I like that you use the words Cultural Awareness and Expression over DEI, as I feel like DEI has become a bit of a buzz word, so it feels useful to have it spelled out differently.

How do we evaluate our practices to see if they are aligned to our goals or not. How does the building enable or hinder achievement of the goals

Self reflection

Feed the need: active brain is required to nourish and nurture

I don't really feel like Life Skills exactly belongs in Joy in Learning, maybe Critical Thinking and Problem Solving instead?

Preparing to handle yourself on a college campus is really important

36

What strikes you about these learning goals? What might you change, add, or delete for a version 2.0?

Need to feel safe

36

LEXINGTON
HIGH SCHOOL

Implications of LPS Strategic Plan

Programmatic and Architectural

Tabletop Discussions (20 min)

Discuss any (or all) of the following LPS Strategic Plan goals in terms of their programmatic and architectural implications for a renovated and/or new LHS facility

1. Diversity, Equity and Inclusion
2. Redefining Success
3. Students as Active Agents
4. Authentic Learning
5. Community Partnerships

Select someone to scribe and either email your thoughts to:
david@newvistadesign.net
or submit them via the Mentimeter prompts

Please share your group's thinking about the programmatic and architectural implications of LPS's strategic plan goals

Having a school that is SO compartmentalized makes it hard to maximize DEI Aspirations. For students with physical limitations that multi-building set up is tough.

Space for equipment. Maker space that could function, for science, robotics, rocketry. Would fall under redefining success, authentic learning and students as active agent.

How do we support the various clubs which need space to build things and store them during that process. Currently the Science Olympiad, Rocketry and Vex clubs have to work at residences

Exposing and expanding students' understanding and access to varied career paths

Real life applications for everyone

Physical spaces for non-traditional hands-on courses (e.g., wood shop, metal shop, home economics classrooms)

Student agency over their physical learning environment (flexible lighting, soft spaces)

an event space for cultural events that is accessible to the community

15

Please share your group's thinking about the programmatic and architectural implications of LPS's strategic plan goals

Community Partnerships- Area to fit people of all ages- 9-12 grades are all in the same space at same time, currently there is no such space

Lockable spaces so the facility can be utilized without restrictions by weekend schools.

How do we have quiet spaces as well as collaborative spaces. How does a student 'own' a space. Or an educator.

Our music, drama and art spaces are inadequate and have to be shared in ways that feel unsustainable

Assigned space for wide range of activities so things can be done at one time point without conflict.

Performing and visual arts spaces need to be rethought and allow space and collaboration where needed

Modification of student schedules and the credit system to reflect more hands-on learning (entrepreneurship, business, STEM, art, etc)

Larger meeting areas that are not ALWAYS Claimed [IDLC] are need for collaboration spaces

15

Please share your group's thinking about the programmatic and architectural implications of LPS's strategic plan goals

message boards that can help connect students and community members to events - bake sales, cultural events, plays, art shows, etc. Could also be TVs to electronically do so

Students are active agents, all students to have a voiceFor all 5 of the above - a centrally located art gallery for 20th century skills, problem solving and performing arts success. Also applicable

There is a lot of stuff indicated by the METCO program of their needs that should be focused on

An art gallery primarily serving creative interests, but available for all groups and students. A gymnasium large enough to accommodate the student body.

How do we include our LABBB and our students form Boston feel welcome and an integral part of the school community?

Accessibility to the school facility from the outside Adaptability of learning spaces for multipke groupings

I think we should have an innovation lab for students who want to build things which is lacked currently and an area where the entire school can fit in and have all school meetings or events.

How do we extend caring and grace towards our environment. The flora and fauna, the human neighbors who may be inconvenienced by school traffic etc.

15

Please share your group's thinking about the programmatic and architectural implications of LPS's strategic plan goals

Having multiple maker spaces, would tackle 2, 3, 4, and 5 - have a maker space accesible to the community, one to the arts department, one for STEAM

spaces that facilitates more movement throughout campus. Right now it is quite congested and students are stressed moving from class to class

Auditorium should be big enogh to involve all Students as Active Agents for example music concerts

Learning to incorporate college applications' role into students' purpose and passions

Spaces for design/CS/robotics/STEAM - lead to authentic learning / active learning. Could help us bring in the community as well.

I am concerned that specific usability issues will not be addressed. Concepts are too large.

Students learn through by bringing in the local artists and scientists from great local communitites5K sq foot gallery spaces like library, science and other fields

Computer pods that students can sign out to do work in and do independent studies, editing videos, etc.

15

Please share your group's thinking about the programmatic and architectural implications of LPS's strategic plan goals

School as a protected space - how do we allow for outside positive influences while controlling for potential harm.

Community and student entrances should not be separated

Within LHS there are social communities which are very vibrant and culturally rich. How do we create more integration points through use of space? For example the robotics groups vs the choral groups

High school used to have cafeterias in 4 places spread around campus which worked well.

Having clear indications of pathways throughout the school, having the school not feel like a maze - maybe color blind friendly color coded arrows to different areas or something like that

15

LEXINGTON
HIGH SCHOOL

Design Patterns

6

Design Patterns

Givens

- Welcoming Arrival
- Safety and Security
- Agile Classrooms
- Modular and Flexible Furniture
- Enrichment Spaces
- Safe Community Access
- Healthy Building
- Sustainability

Ed Plan Patterns

- Quadrangle Organization
- Wayfinding and Streetscapes
- Small Learning Communities
- Interdisciplinary Connections
- Circulation Use for Learning
- Commons Spaces
- Extended Learning Areas
- Breakout and Quiet Spaces
- Hands-On Learning Spaces
- Media Center Learning Commons
- Varied Presentation Venues
- Display and Exhibition
- Professional Work Areas
- Integrated Support Services
- Outdoor Connections and Learning
- Inclusive and Gender Specific Bathrooms

Set 3

- Greeting and Gatekeeping
- Heart of School
- Distributed Dining
- Branding and Identity
- History and Storytelling
- Biophilic Design
- STEM/STEAM and Makerspaces
- STEM/STEAM Adjacencies

Set 4

- Innovation Hubs
- Transparency and Connection
- Anywhere, Anytime Learning
- Distributed Resources
- Effective Storage
- Afterschool Spaces
- Building as Teacher
- Community Aesthetic

2

It’s the concept not the details….

Let's See What Sticks

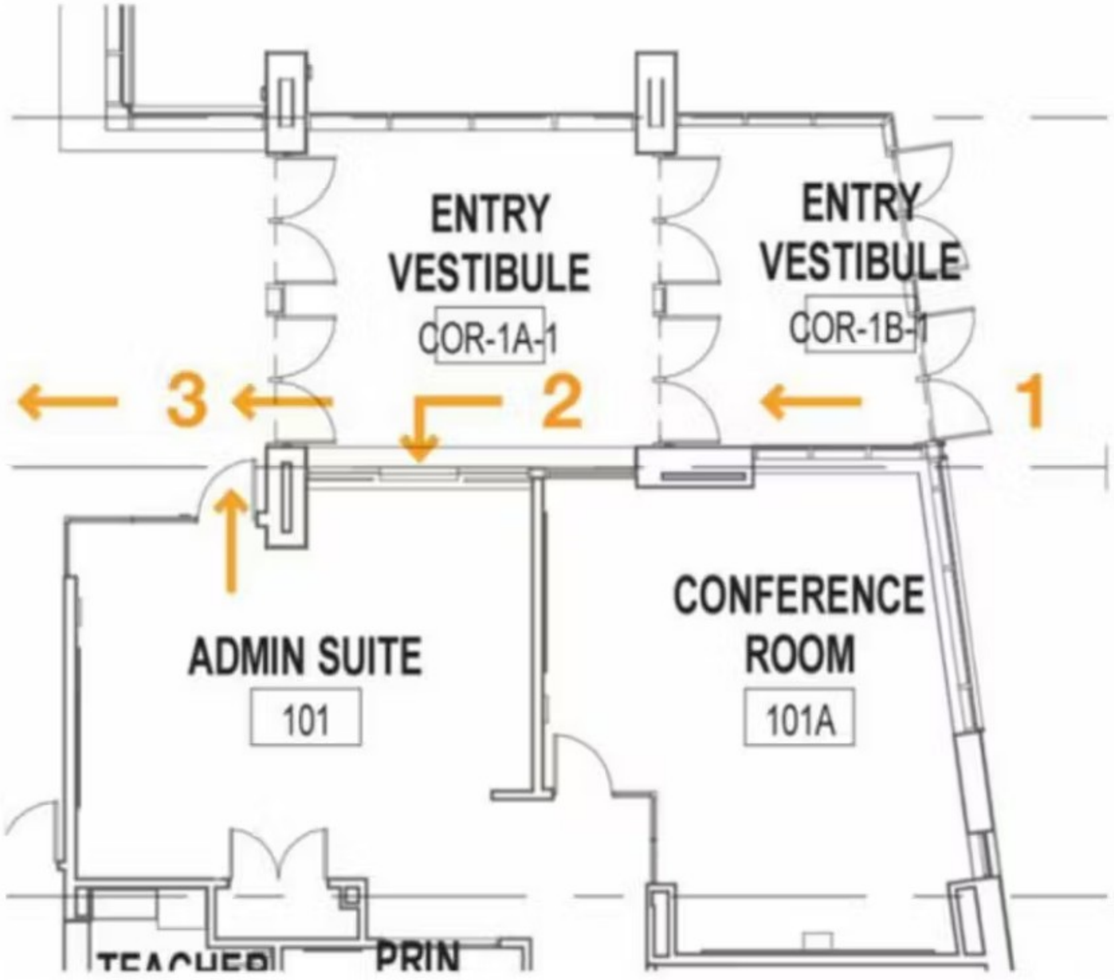
- There is a lot of overlap…
- You might like them all…
- You might want to change the language or add new design patterns…
- We want to share a lot of ideas out to see what rises to the top as priorities

Givens

Givens

Welcoming Arrival

Givens



Safety and Security

Sanford Regional Technical Center

Givens

Agile Classrooms

Givens

Modular and Flexible Furniture

Givens

Enrichment Spaces

Waltham High School – SMMA with New Vista

Somerville High School – SMMA with New Vista

Winthrop MHS

SMMA

Givens

Safe Community Access

Givens

Healthy Building

Givens

Sustainability

Fuller Middle School

Waltham High School – SMMA with New Vista

Ed Plan Patterns

Rate Every Slide

LOVE IT! GREAT IDEA NOT SO MUCH MAYBE

Instructions

Go to

www.menti.com

Enter the code

8575 5831

Or use QR code

9

Ed Plan Patterns

Quadrangle Organization

7 9 3 6

Ed Plan Patterns

Wayfinding and Streetscapes

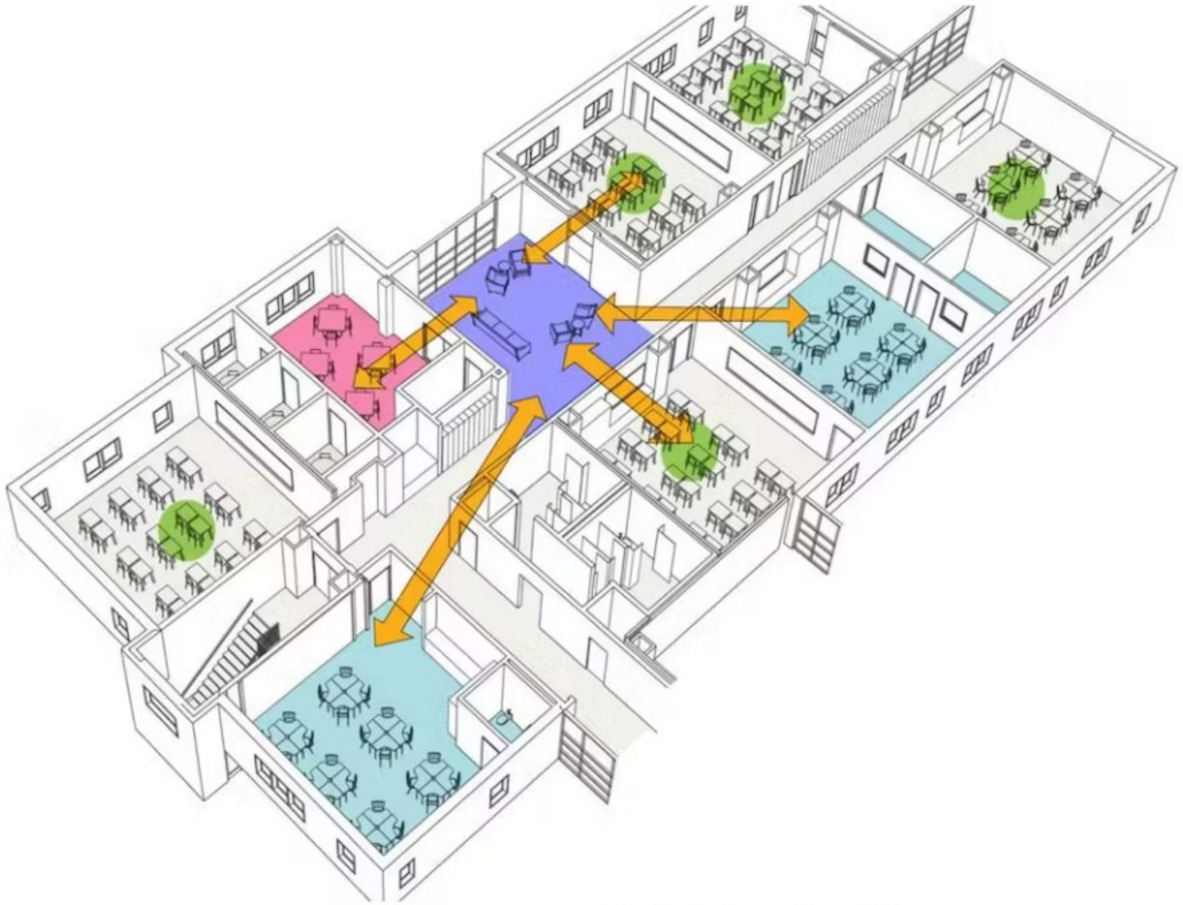
High Tech High

Lunenburg Middle High School

31 6 1 2

Ed Plan Patterns

Small Learning Communities



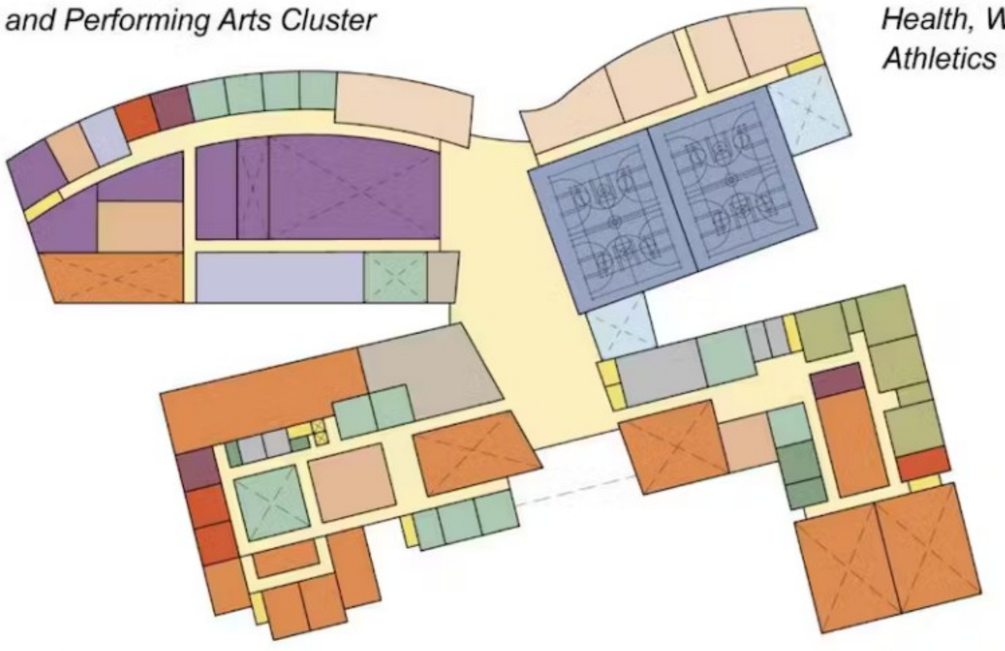
West Bridgewater MHS

16 20 1 2

Ed Plan Patterns

Interdisciplinary Connections

Denver School of Science and Tech



Waltham High School – SMMA with New Vista

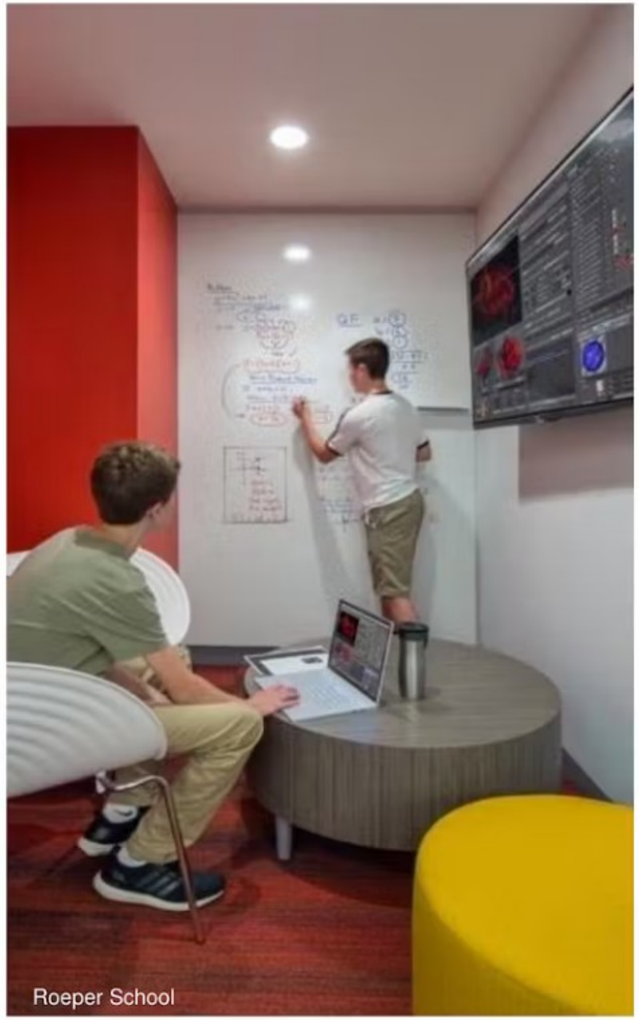
14 10 5 6

Ed Plan Patterns

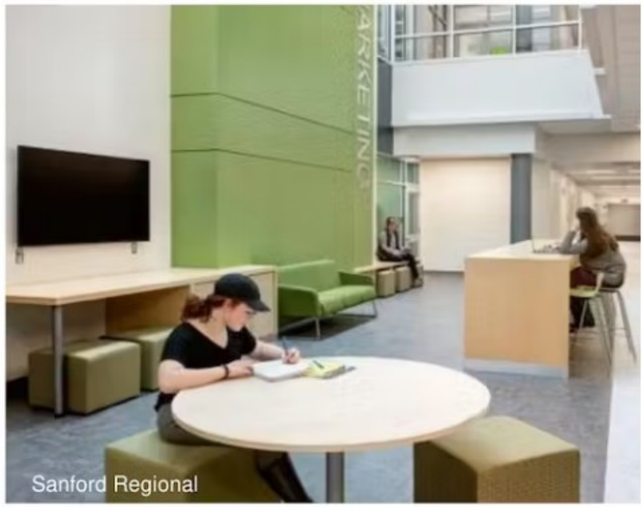
Circulation Use for Learning/Third Spaces

Gates Middle School

Portsmouth Middle School


Roeper School

Catholic Memorial MHS


Sanford Regional

16 12 3 1

Ed Plan Patterns

Commons Spaces

Dearborn STEM Academy

Jacobs High Tech High

HTH International

19 9 3

Ed Plan Patterns

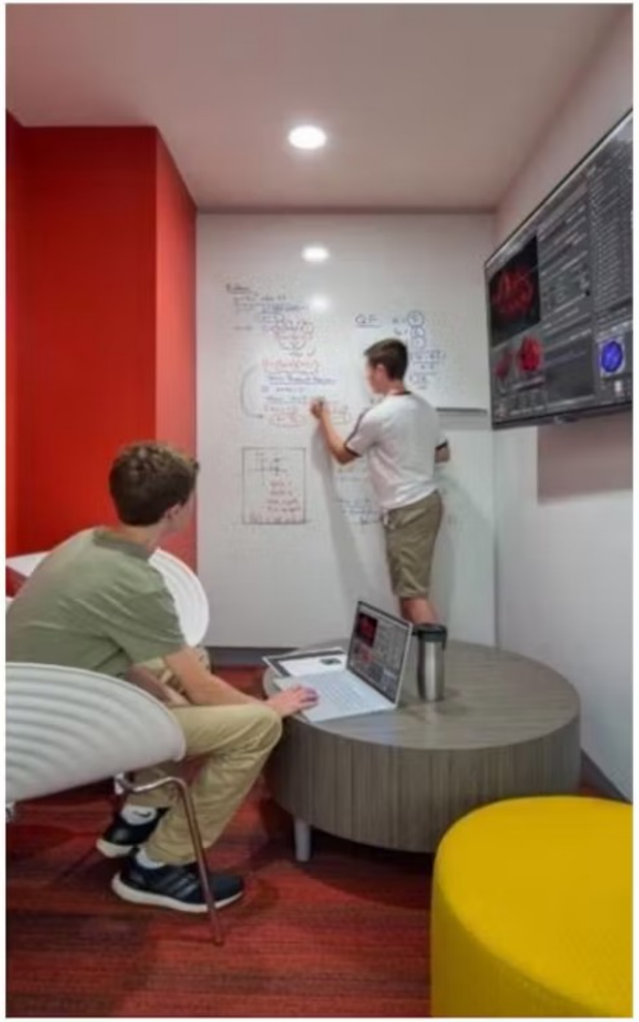
Extended Learning Areas

11 17 1 5

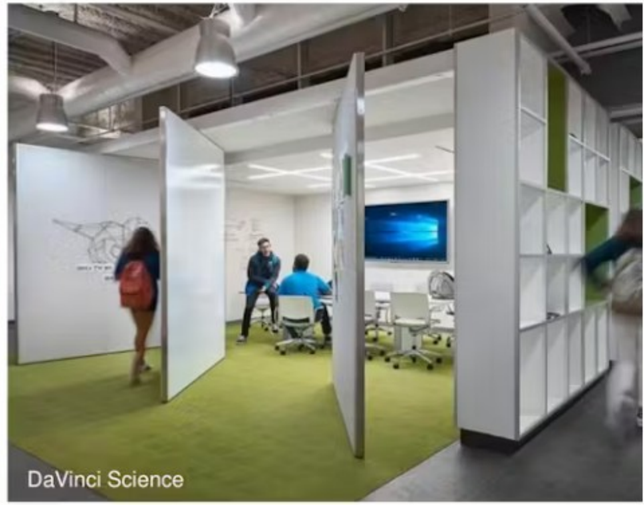
Ed Plan Patterns

Breakout and Quiet Spaces

The Roeper School



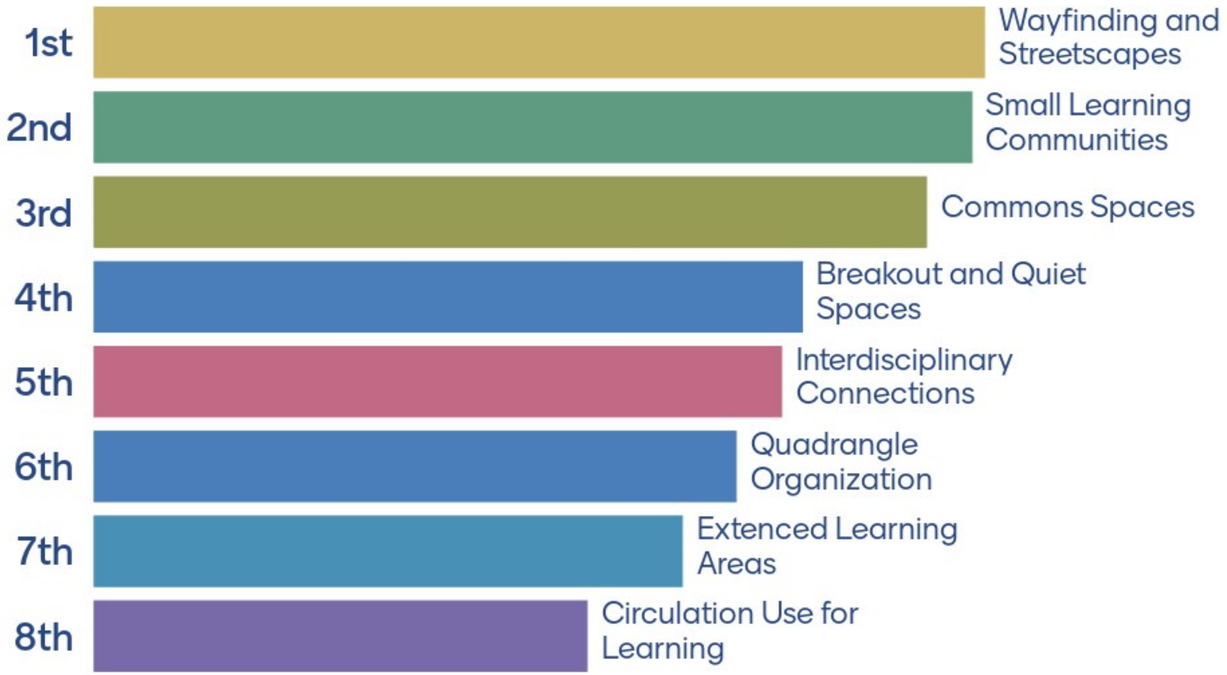
High Tech High


DaVinci Science

Beverly Middle School

17 14 1 2

Rank these Design Patterns in order of their importance to you?



42

Ed Plan Patterns

Hands On Learning Spaces

Essex Tech

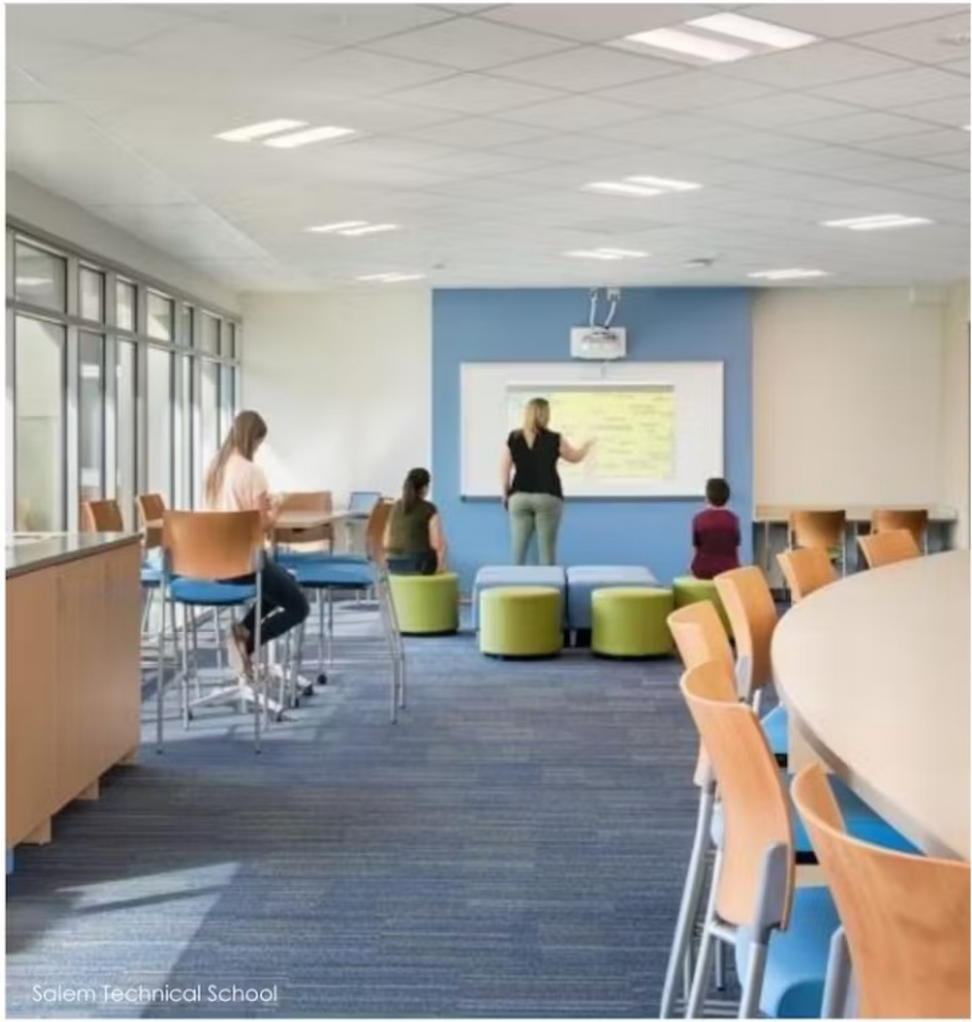
Somerville High School – SMMA with New Vista

26 8 1

Ed Plan Patterns

Media Center Learning Commons

Somerville High School – SMMA with New Vista


Salem Technical School

19 13 1

Ed Plan Patterns

Varied Presentation Venues

West Bridgewater MHS

Somerville HS – SMMA with New Vista

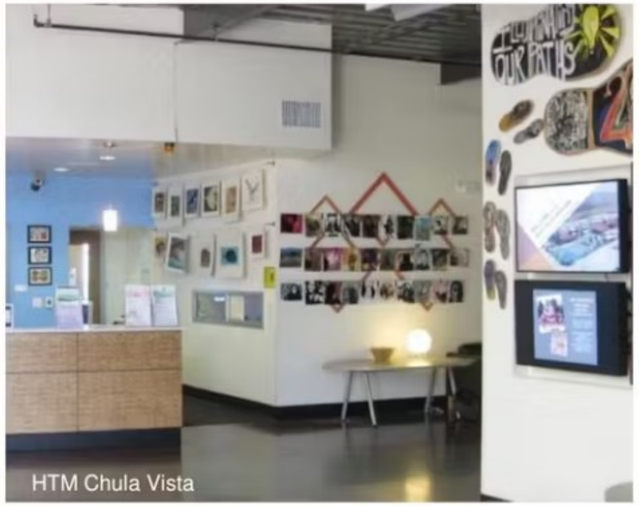
23 10 1 1

Ed Plan Patterns

Display and Exhibition

Somerville HS - SMMA

Somerville HS - SMMA


HTM Chula Vista

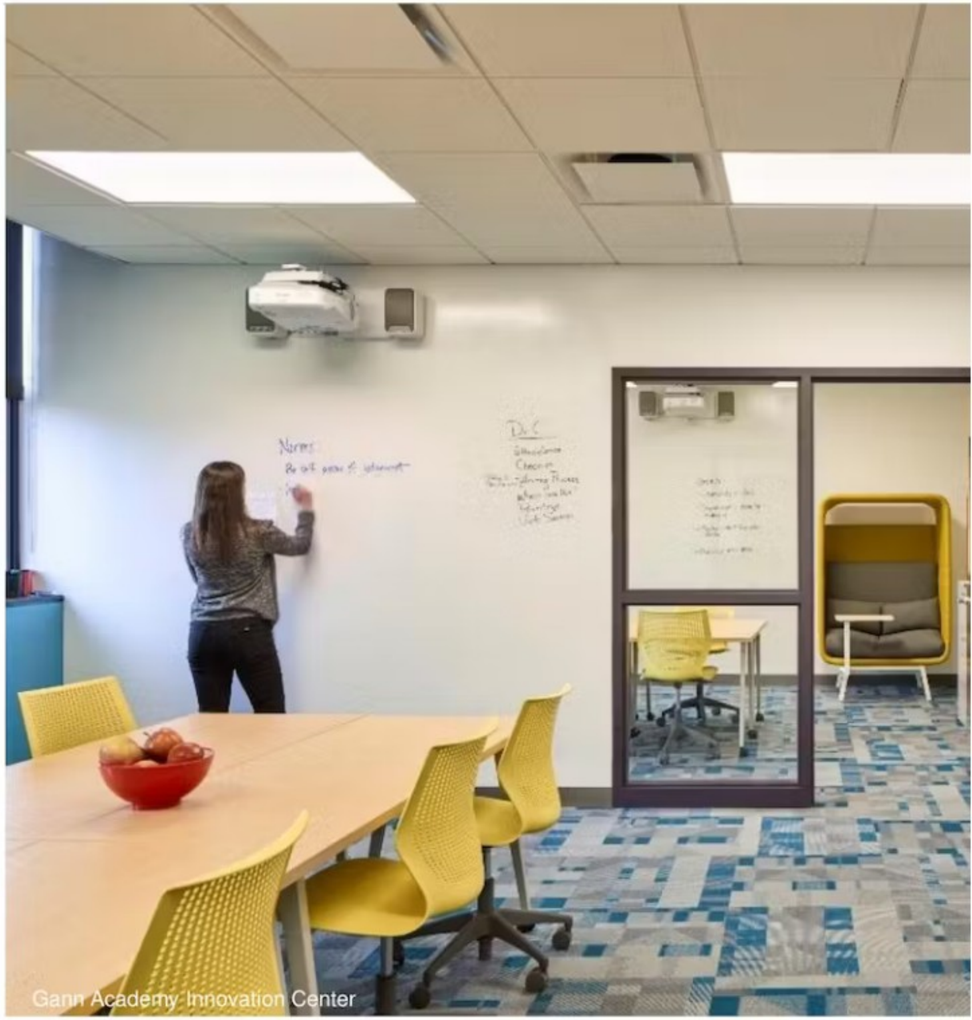
Boston Arts Academy

19 17 1 ?

Ed Plan Patterns

Professional Work Areas

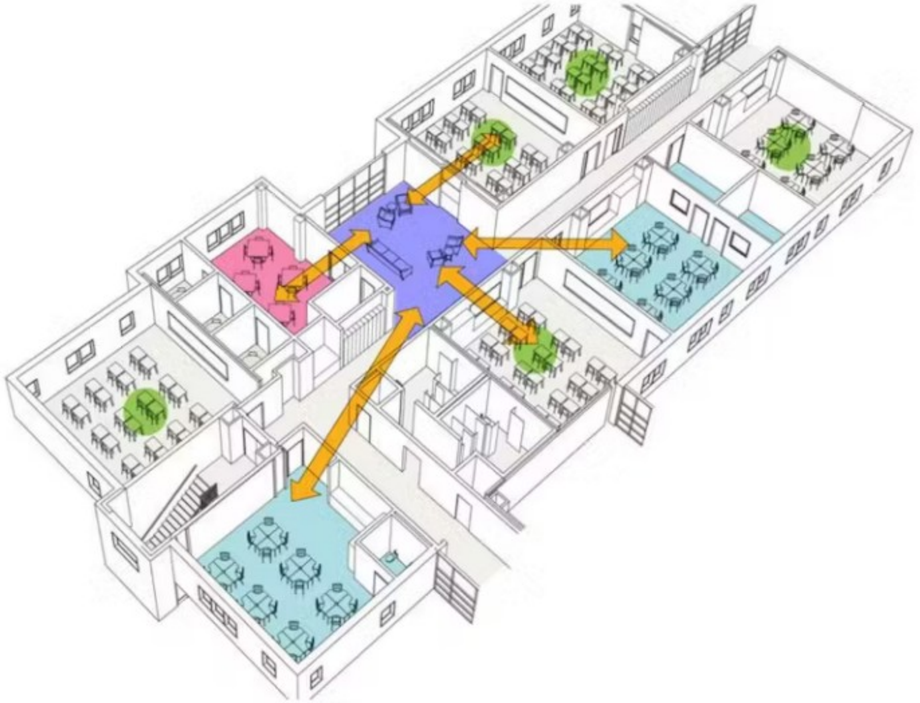
Boston Prep


Gann Academy Innovation Center

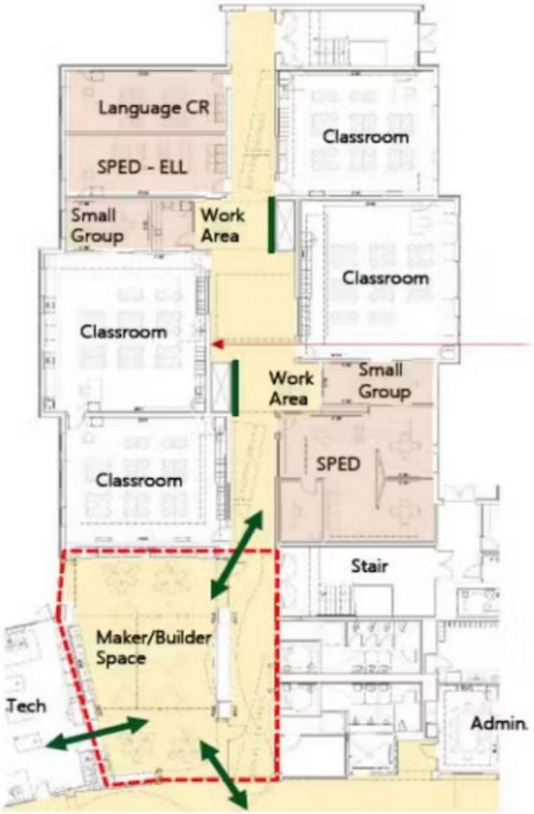
17 13 2

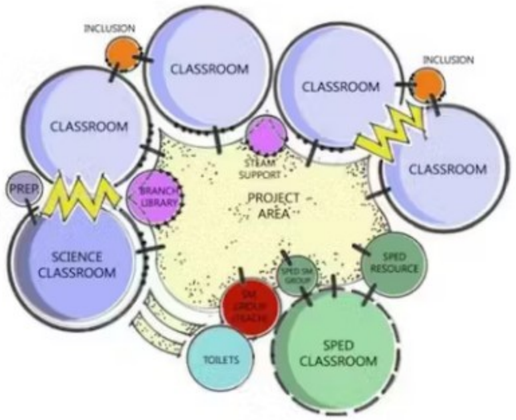
Ed Plan Patterns

Integrated Support Services



West Bridgewater MHS





Beverly Middle School

14 10 4

Ed Plan Patterns

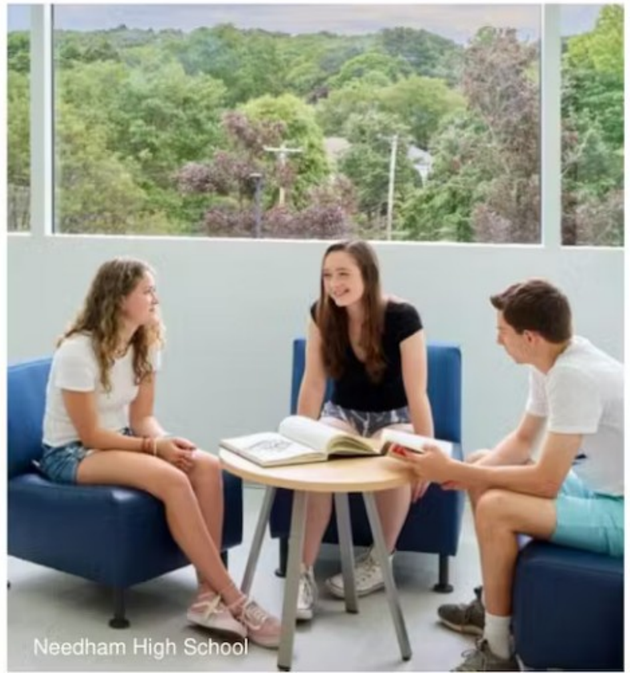
Outdoor Connections and Learning

North Middlesex HS - SMMA

Minuteman Tech

Somerville HS – SMMA with New Vista

Winthrop MHS

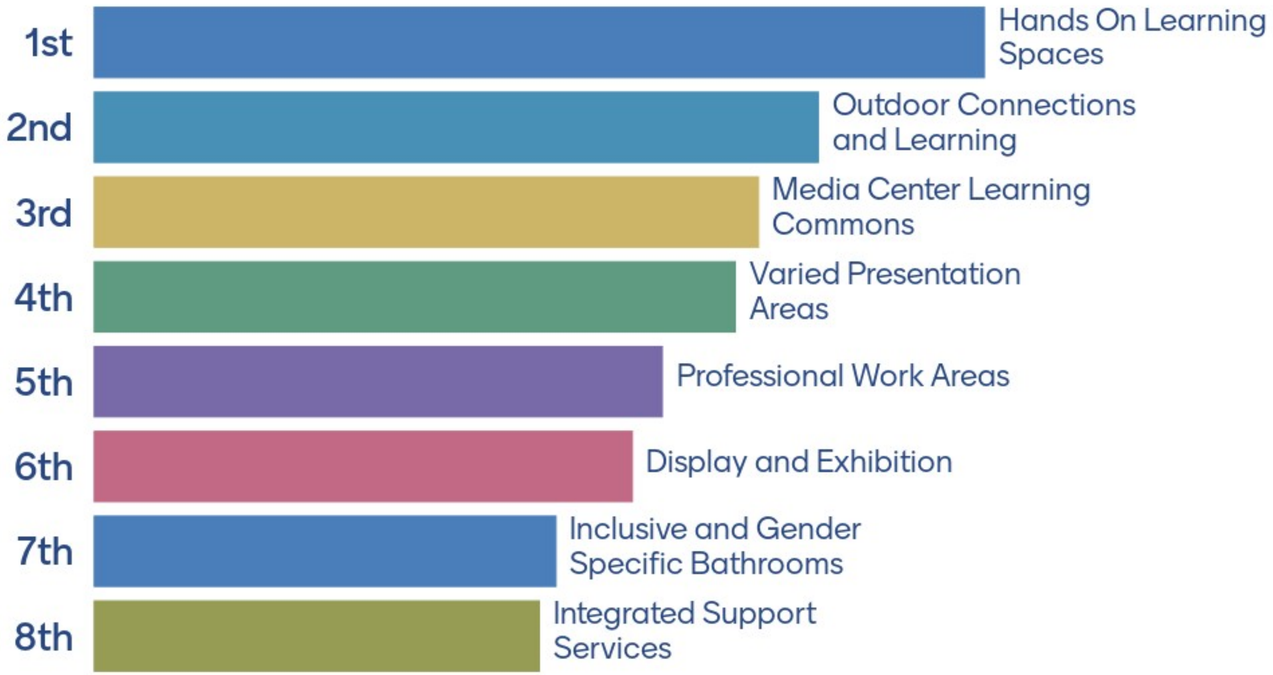

Needham High School

Ed Plan Patterns

Inclusive and Gender Specific Bathrooms

19 9 1

Rank these Design Patterns in order of their importance to you?



9

43

Set 3

Set 3

Greeting and Gatekeeping

Mount Greylock MHS

High Tech Middle

Gates Middle School

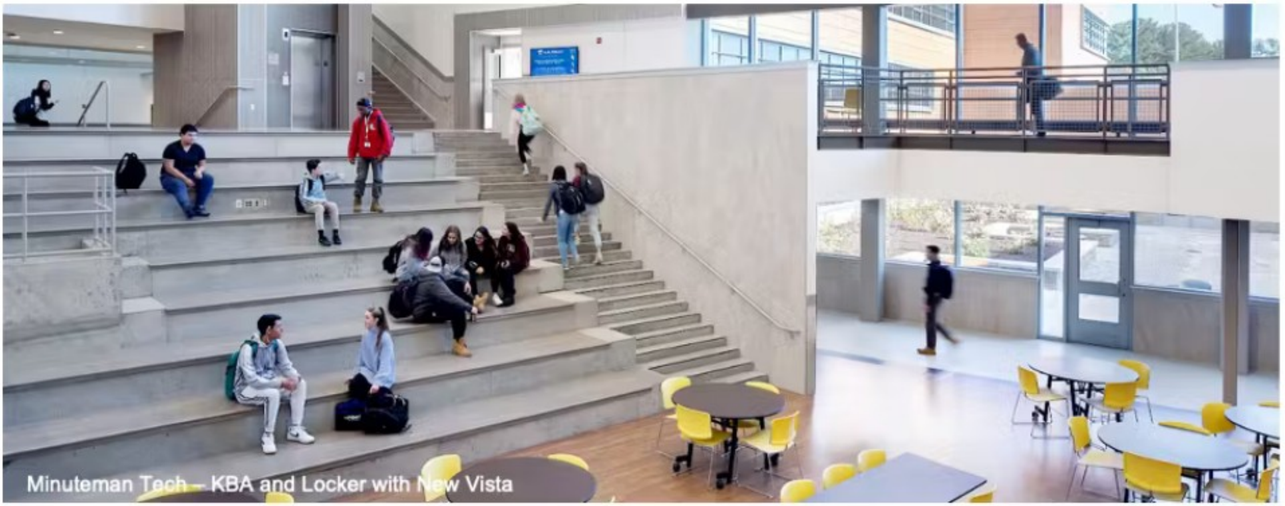
Set 3

Heart of School

12

Set 3

Distributed Dining


Minuteman Tech – KBA and Locker with New Vista

Salem Technical School – Lavellee Brensinger

KIPP Academy Lynn – Arrowstreet with New Vista

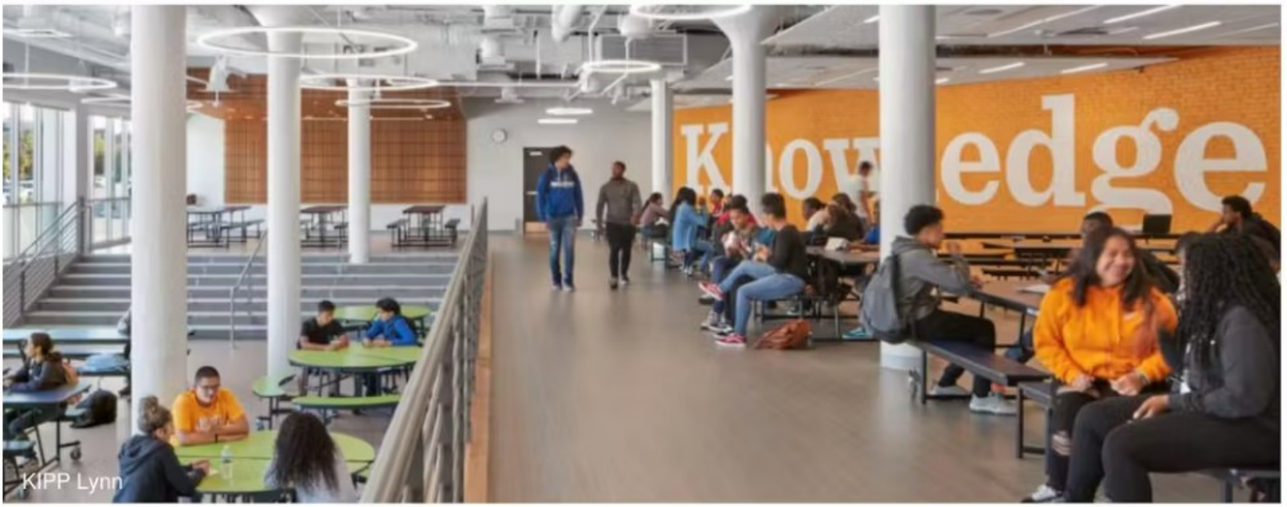
Edward Brooke Charter School – Arrowstreet with New Vista

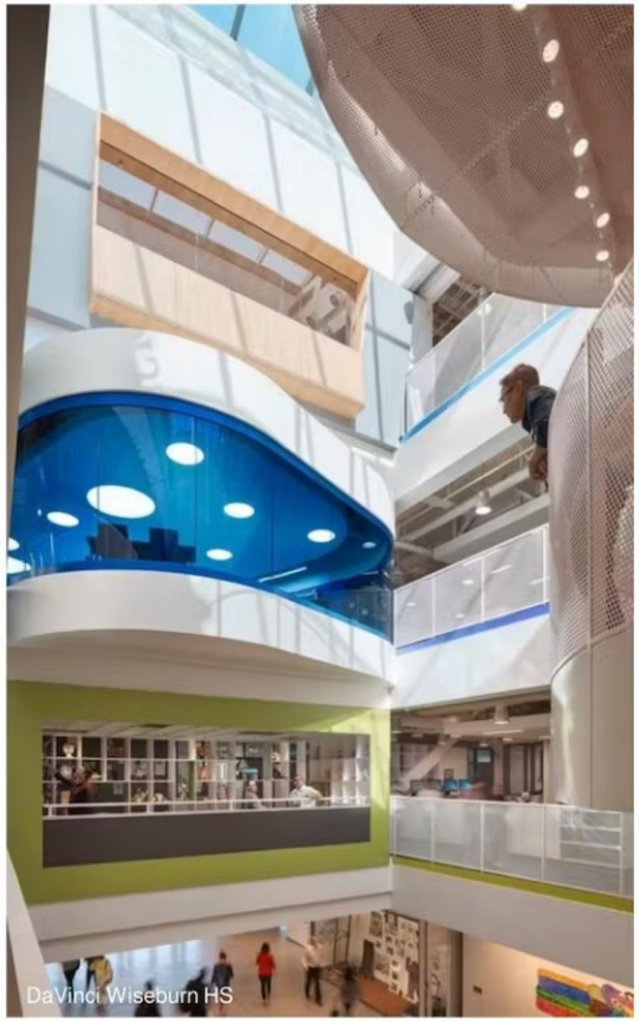
14

Set 3

Branding and Identity

Billerica HS


KIPP Lynn


DaVinci Wiseburn HS

Set 3

History and Storytelling

Abington High School – Ai3 with New Vista

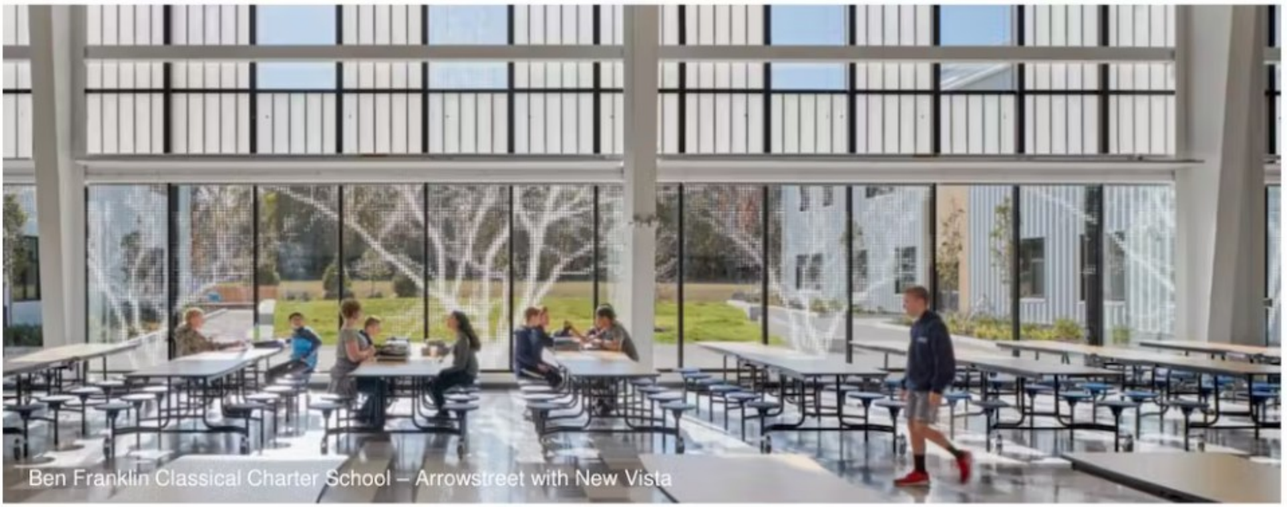
Fairfield Prep – Perkins Eastman

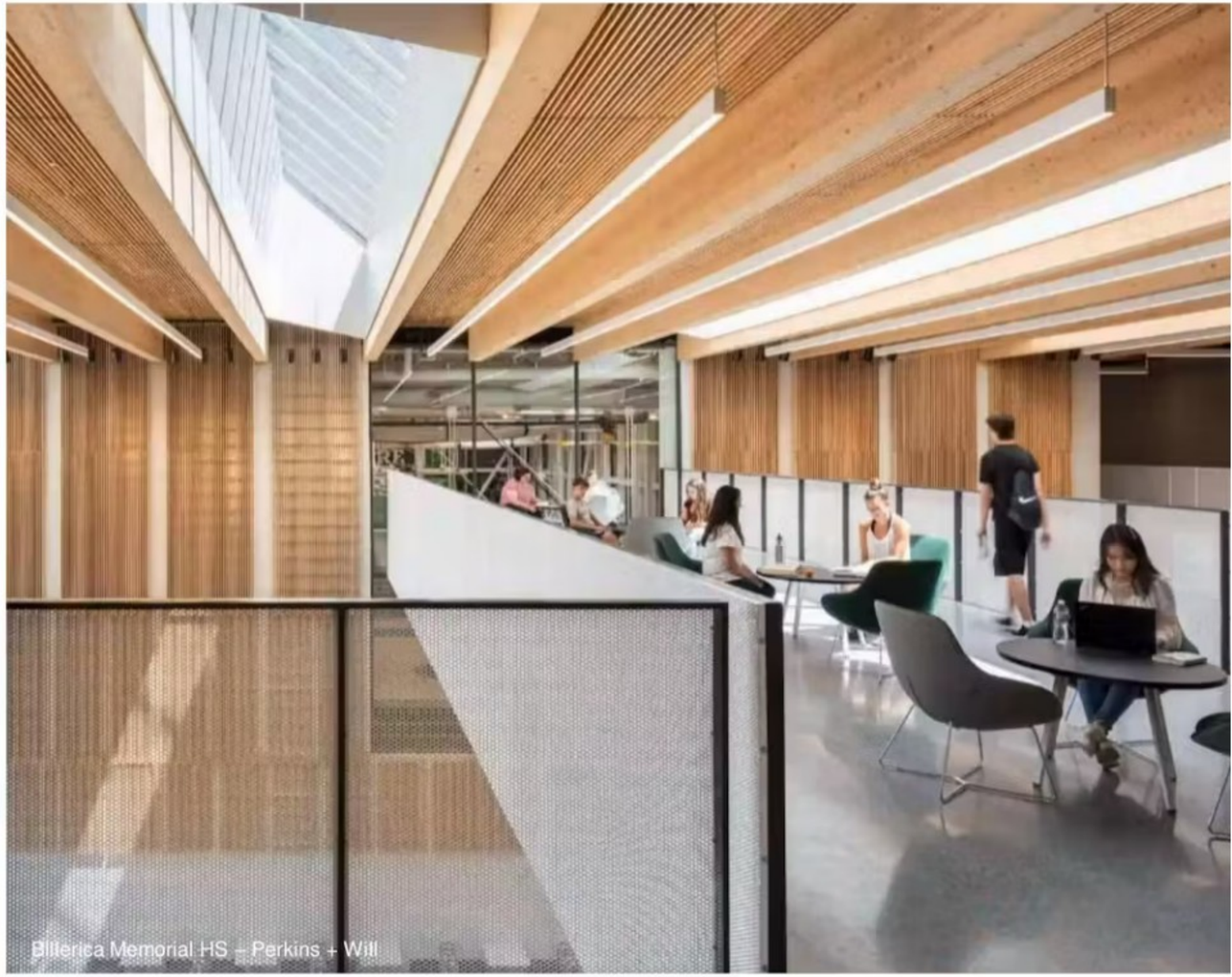
6

Set 3

Biophilic Design

Bancroft Mount Laurel School - KSS


Ben Franklin Classical Charter School – Arrowstreet with New Vista


Billerica Memorial HS – Perkins + Will

13

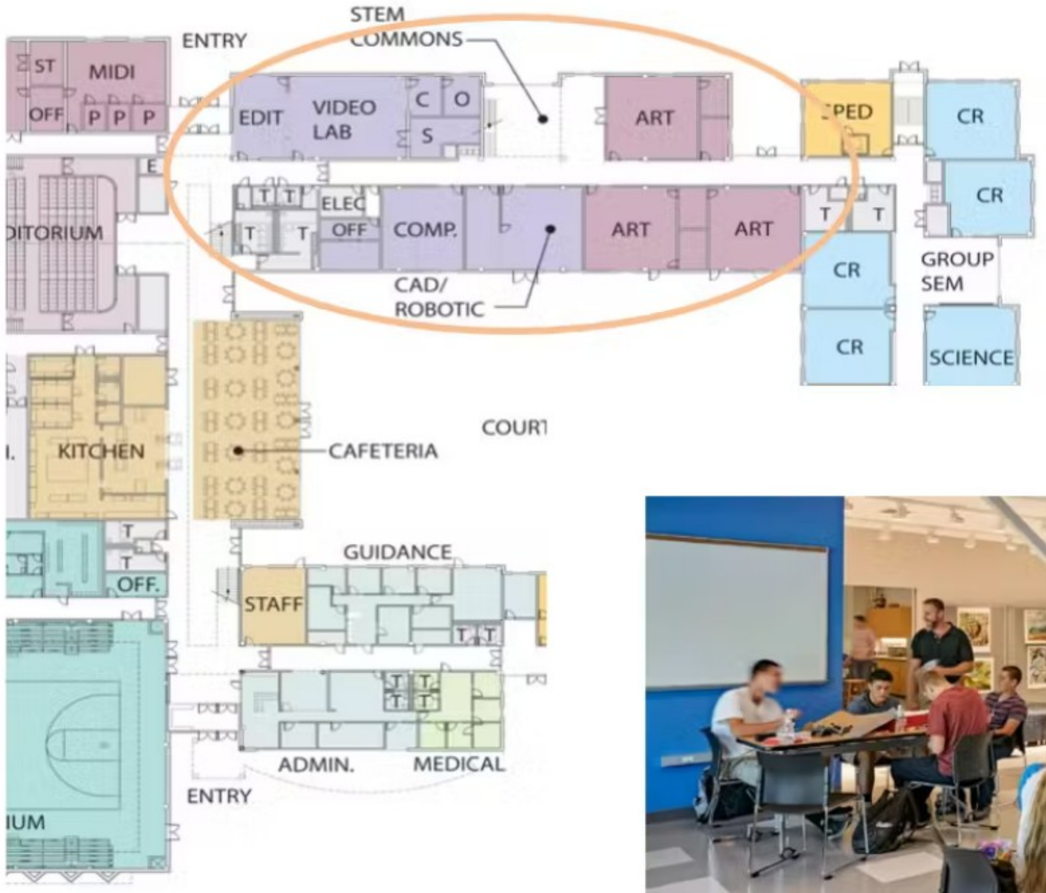
Set 3

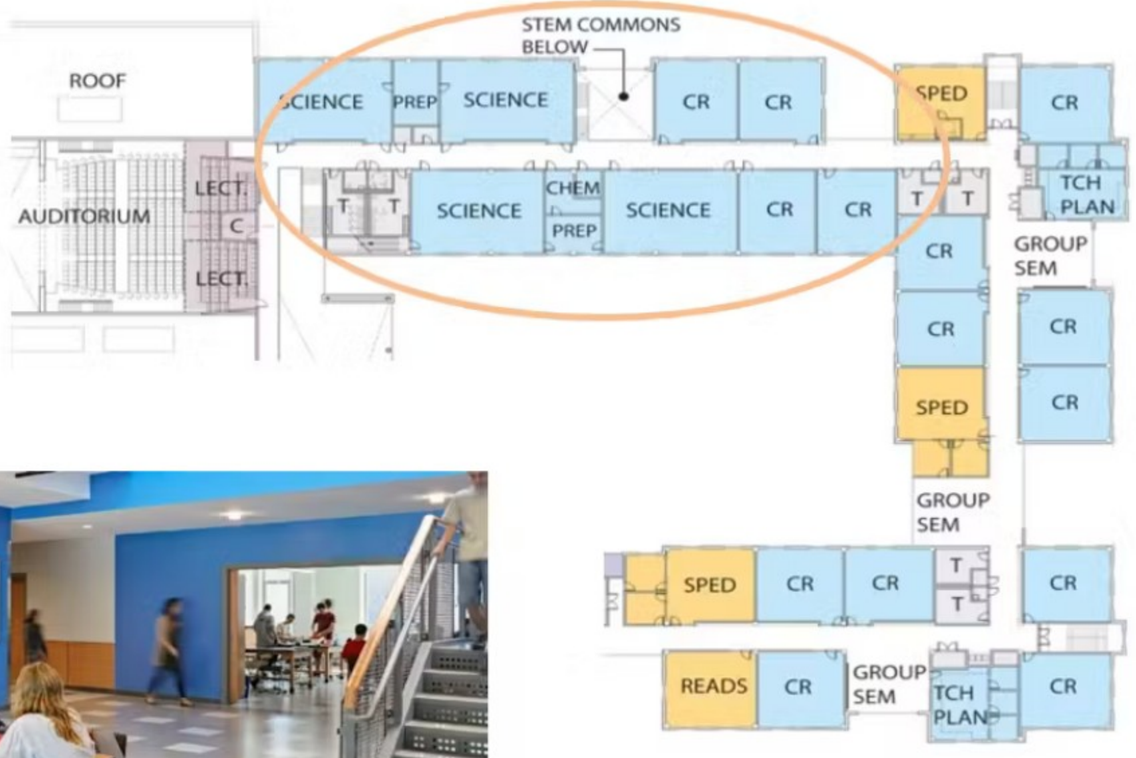
STEM/STEAM and Makerspaces

13

Set 3

STEM/STEAM Adjacencies



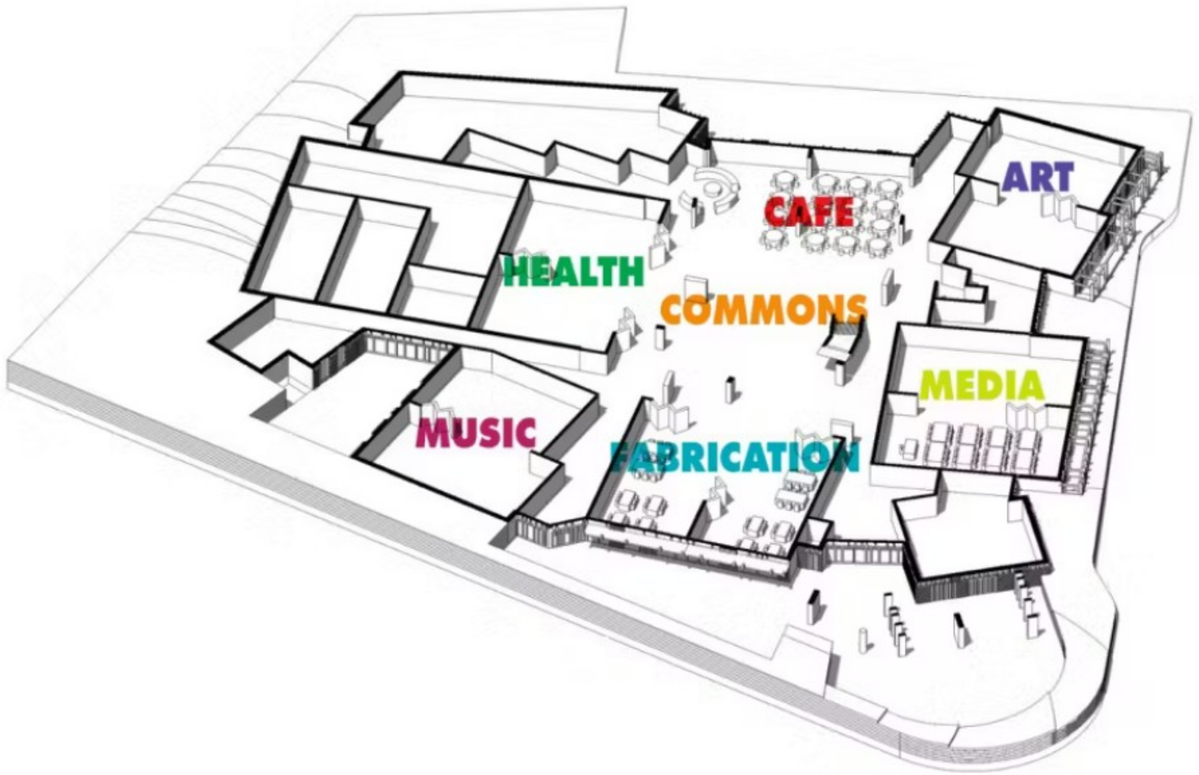


West Bridgewater MHS

Set 4

Set 4

Innovation Hubs

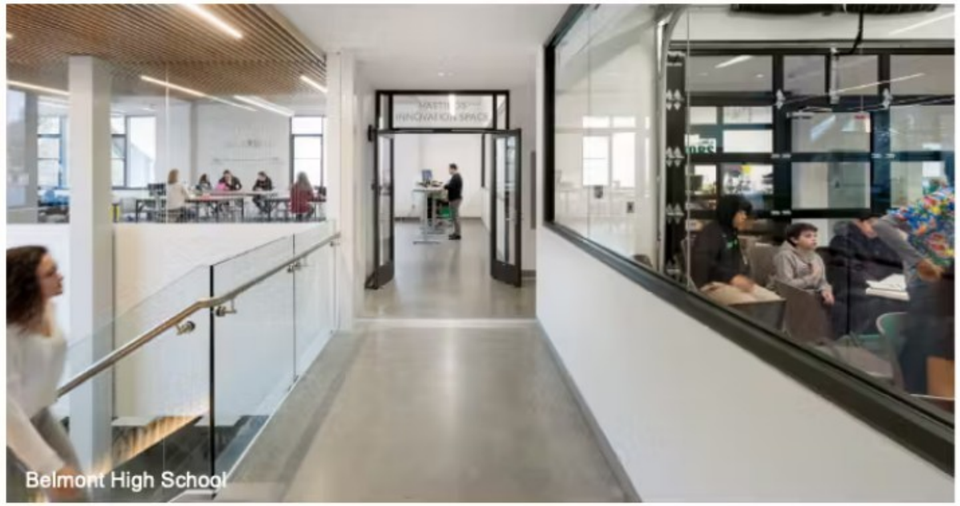


Dearborn STEM Academy – JLA with New Vista Design

Set 4

Transparency and Connection

Somerville High School - SMMA with New Vista


Belmont High School

Beverly Middle

Grandview Heights MHS

Essex Tech

10

Set 4

Anywhere, Anytime Learning

High Tech HS Los Angeles

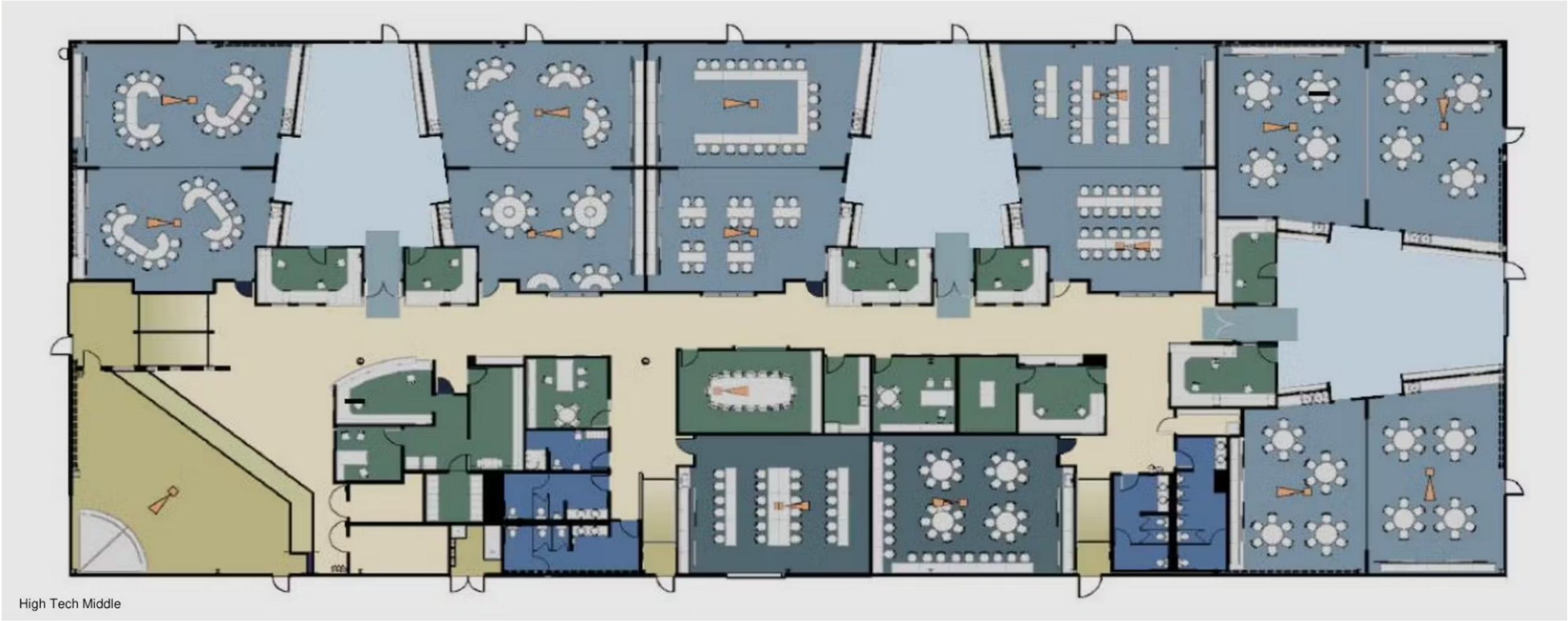
The Roeper School

Pentucket Regional MHS

8

Set 4

Distributed Resources



Set 4

Effective Storage

Dearborn STEM Academy – JLA with New Vista

Arlington High School – HMFH with New Vista

Beverly Middle School – Ai3

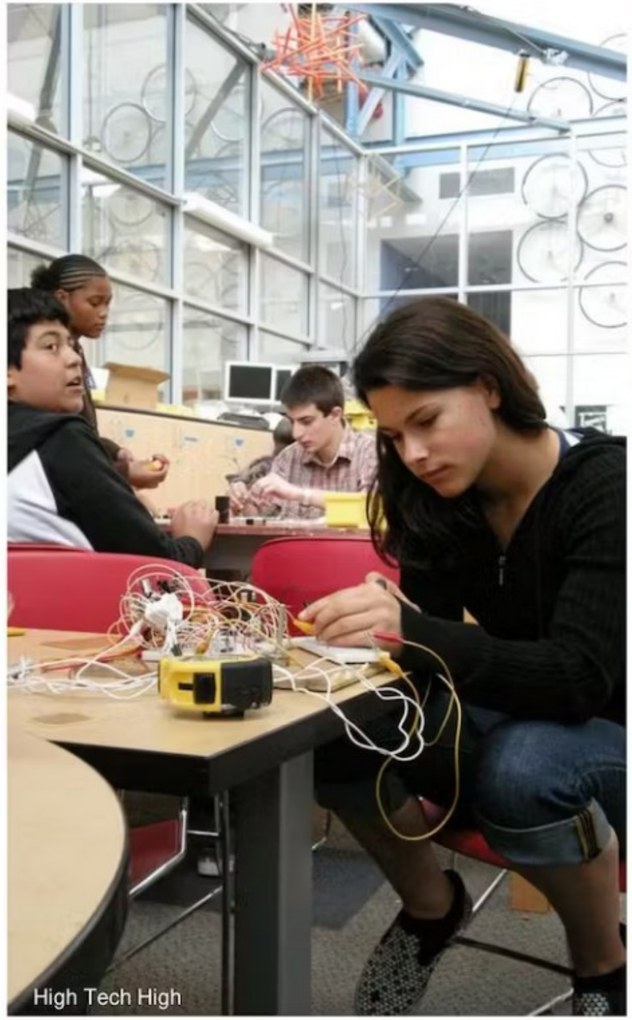
High Tech Middle – Studio E with New Vista

10

Set 4

Afterschool Spaces

Arlington High School


High Tech High

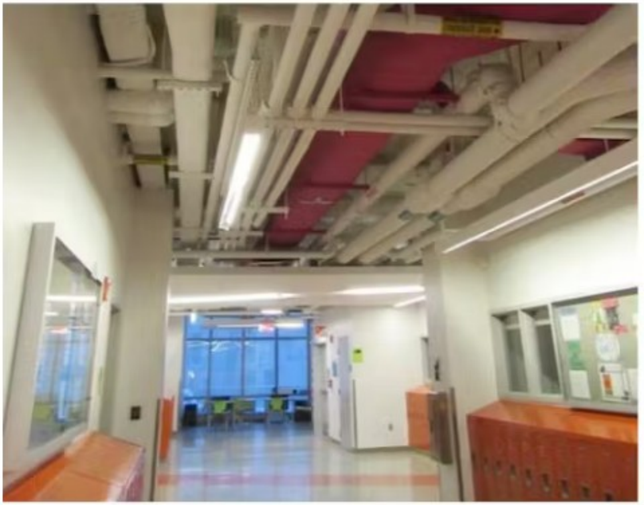
Needham High School

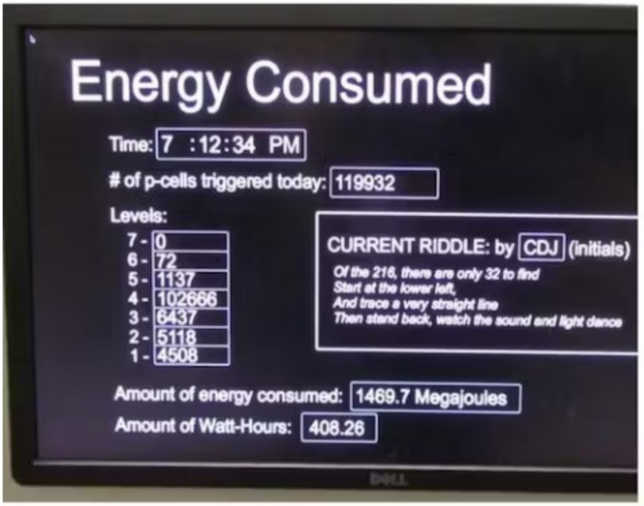
Boston Arts Academy

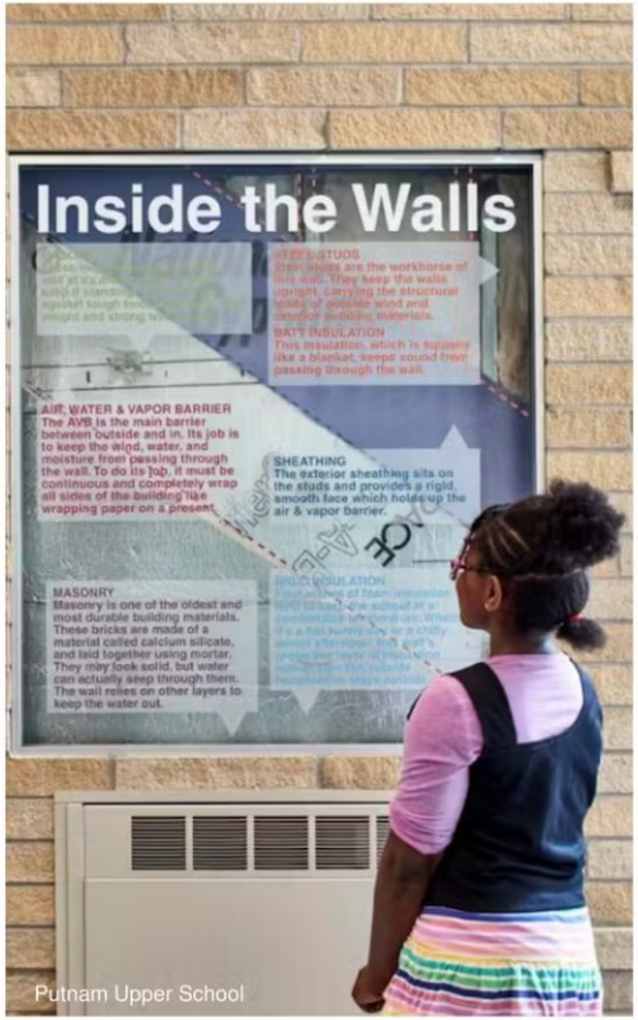
Boston Arts Academy

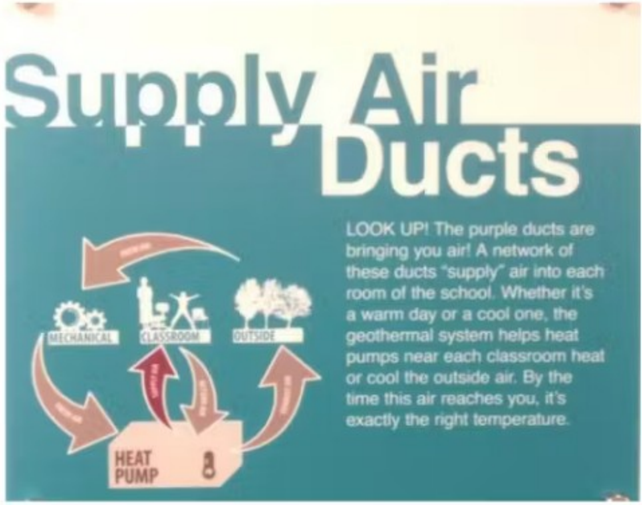
Set 4

Building as Teacher









5

Set 4

Community Aesthetic

Hunking K-8

Hildreth Elementary

Dearborn STEM Academy

12

Small Group Design Pattern Prioritization

- Individually review the Design Patterns PDF that was emailed to you, and/or collectively review the Design Patterns print out at your tables (10 min)
- Share your individual priority patterns, then make a group list of your top 10-12 Design Pattern priorities. Feel free to combine patterns, and make up your own (10 min)
- Cut out your priority patterns and tape them to the sheets provided, adding appropriate text to describe how you envision them being realized within a renovated and/or new LHS facility. You may also list any affiliated/connected design patterns that you see as important (10 min)
- Identify 4 “Power Patterns” that are your group’s top 4 priority Design Patterns (5 min)
- Create and describe at least 1 of your group’s own Custom LHS Design Patterns

LEXINGTON
HIGH SCHOOL

Q & A