Educational Visioning

Ed Visioning Workshop One

December 5, 2023

LEXINGTON HIGH SCHOOL

ENVISIONING THE NEW LEXINGTON HIGH SCHOOL FACILITY

SMMA

newvistadesign

Workshop One Agenda

1. Visioning Overview (10 min)
2. Introductions and Greatest Hopes (15 min)
3. Priority Goal Setting *Activity* (30 min)

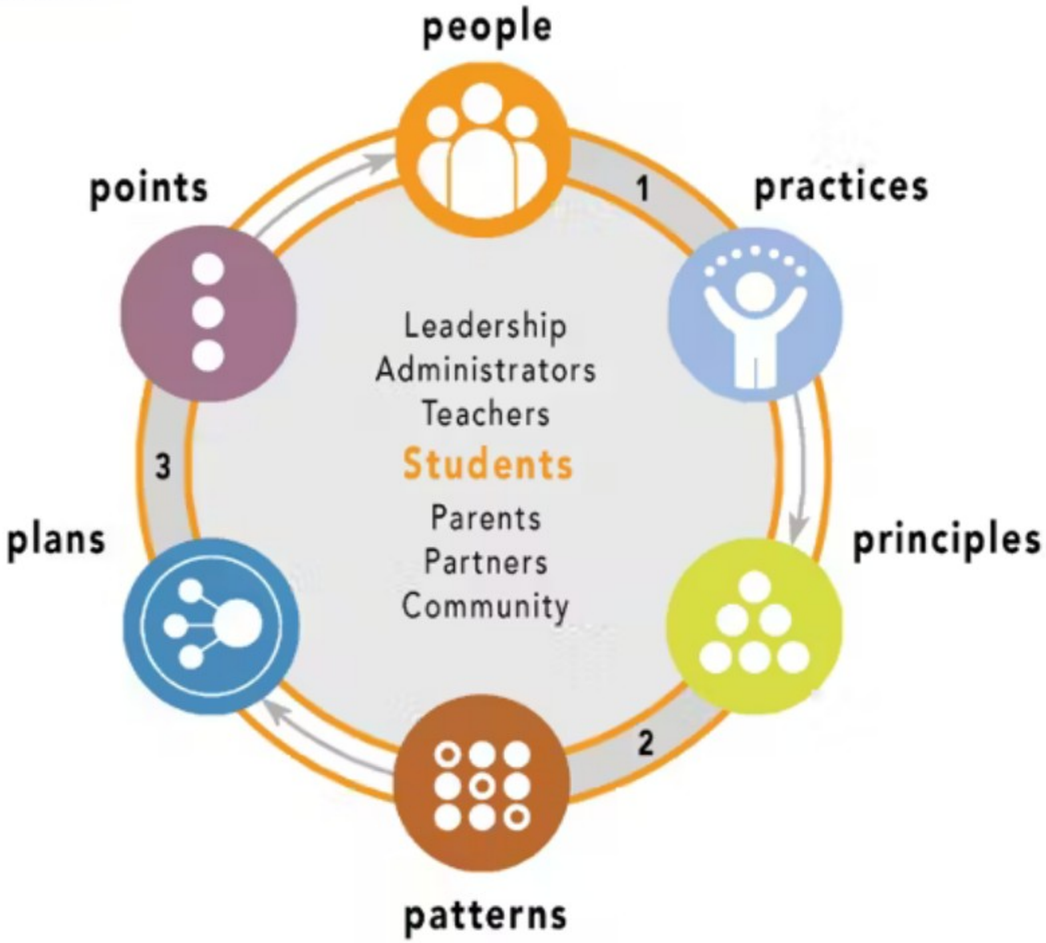
   BREAK

4. Future Ready Teaching and Learning (15 min)
5. Future Ready Learning Goals *Activity* (40 min)

The Visioning Process

Engaging, customizable, and effective

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



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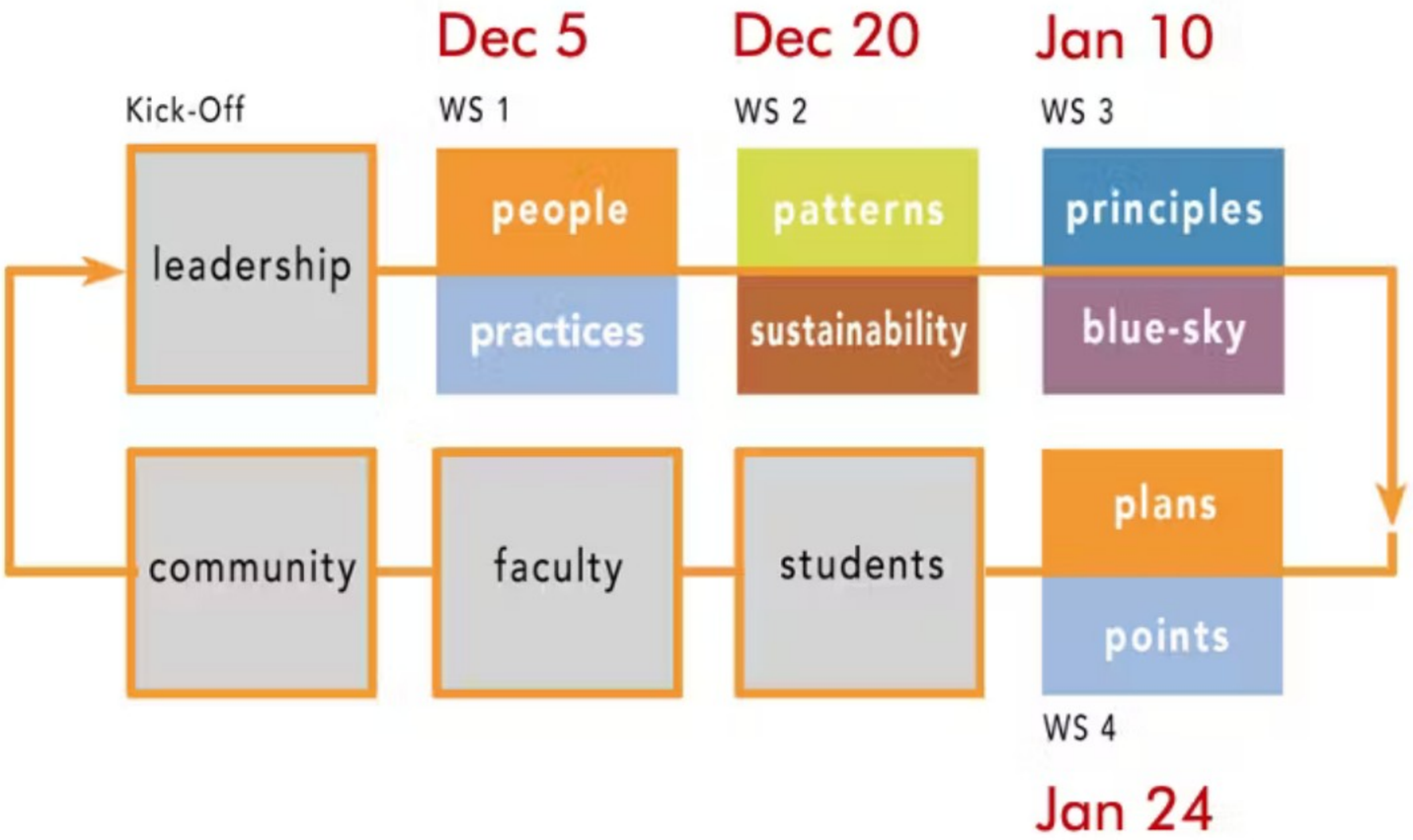
The Visioning Process

Engaging, customizable, and effective

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



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Developing a Narrative

- Educational vision
- Design priorities and goals
- Desired adjacencies
- Optimization of MSBA space template
- Educational Plan

Study Focus

As a result of a collaborative analysis of enrollment projections and space capacity needs for the proposed project at Lexington High School, the MSBA and Town of Lexington have agreed that the design of the proposed project shall be based on an enrollment of no more than 2,395 students in grades 9-12.

- Renovation
- Renovation Addition
- New Construction

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Who we are

- Students
- Teachers
- Parents
- Administrators
- Community Members
- School Board Members
- School Building Committee Members
- Student School Building Committee Members
- Design Team

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LEXINGTON
HIGH SCHOOL

Introductions

Greatest Hope – 2 minute Pair/Share

Instructions

43

Please share your greatest hope for the renovated and/or new LHS facility.

Project Based Learning

Flexibility and student choice

flexibility in learning! student choice & agency!

AP Classes should be available to all students

Interdisciplinary learning

Project Based Learning and learning experiences that allow passion projects or study outside of a traditional course structure/schedule

Project Based Learning and learning experiences that allow passion projects or study outside of a traditional course structure/schedule

Longlasting skills for curriculum

31

Please share your greatest hope for the renovated and/or new LHS facility.

Collaboration among different age groups

Cross DisciplinaryLifeskill swing spaceA resiliency space

Innovative drama, arts, and music space

Socratic dialogue space! Continue to empower the students to use their voices and share their world view in spaces that foster that.

More green spaces within and outside classes

Focus on presentation and communication skills

Creation of offerings that integrate science, math and tech with the Arts

"third spaces" for community building and community maintaining

31

Please share your greatest hope for the renovated and/or new LHS facility.

Collaboration

Encouraging students to try and fail.

Fostering creativity in education, especially with AI on the horizon for the future of jobs

Tech Enabled Curriculum, which emphasizes thinking about what they are learning over searching for information.

Increased EVERYTHING Variety - Kids are herded through 4 years with limited options it seems

Flexible technology and spaces that allow growth and change when tech changes over time

education (and educational spaces) that affirms all the diverse identities of students in our school community -- culturally responsive & community based learning

More group projects - student socialization

31

Please share your greatest hope for the renovated and/or new LHS facility.

Create a passion project for a designated time on a consistent basis for every student to explore their aspirations

The school is very strong in its respective departments, but interdisciplinary derpartments face a hard time getting both priority . Its really hard to access STEM reasources as a hummanities person.

Imagining what education would be 50 years from now:Collaborative education pedagogy enabled classrooms - students can collaborate across classrooms and subjects. Different countries and languages too

Multiple spaces for student design/creation (MakerSpace) that can be accessed by students in all "subjects". Specifically rooms with space for lots of computers that can be used by all (art, CS, etc)

Mental health awareness and wellness IS educational excellence

Better mental health facilities (counselors should be like a student's mentor)

We would like a building that would include enough flexible classrooms so that rooms are not overbooked during the scheduled day.

I'd like to have more career exploration and education so students get a better understanding of what they like and don't like.

Please share your greatest hope for the renovated and/or new LHS facility.

Have green spaces internal to the building where the eye and soul can rest

The new school should support the current LHS type of teaching with updates and with flexible spaces to allow experiments with new teaching concepts

Excellence in academic preparation for college and knowledge based work

Bring back some shop classes, hands on learning (metal, wood, home ec)

Envisioning approaches to academics, learning, and spaces and facilities through a lens that prioritizes connectivity, school culture, and community building as an essential foundation.

A variety of classrooms with unique characteristics for students to be able to work on more project based learning similar to workforce.

Better lab spaces

Robust music and performance artStrong science math Literary competence

Please share your greatest hope for the renovated and/or new LHS facility.

Collaborative spaces where students and staff can engage with and in their work

Hands on/project based learning

Project based learningCross-curricular collaborationFlexible spaces that allow students to work alone or in small or large groupsFlexible spaces that can support a variety of programming

Interdisciplinary learning places.

-.More Inclusion for Special Ed (design the rooms in a such a way) all are included.- More flexible plans instead of following rigid plans

Public speaking competence

Add a second auditorium so more students and community can participate in performing arts

flexible and multi-functional spaces (moveable furniture, spaces that can combined or made smaller)

Please share your greatest hope for the renovated and/or new LHS facility.

Curriculum that allows prioritizing what interests them than going in for everything.

Smaller class sizes, and more Socratic learning (especially in humanities)

Advanced science , Chen and biology, lab space to give early exposure to the research. Practical and visual experiments are worth of 1000 words and create excitement.Also, space for industry collabo.

Pear down content of classes, allow space for creativity and working in the classroom space. Process oriented learning. With AI we should focus on learning how to learn.

Some physical activity in the school which is more than just getting from point A to Point B. Why not a slide, a climbing wall?

differentiated learning that works for all students with different comfort and interest levels

Community education

The ability to maximize student interaction

31

Please share your greatest hope for the renovated and/or new LHS facility.

Walk between classes is enjoyable.

Sufficient space for staff to work -- small, medium and large spaces to collaborate in

Spaces that promote and embrace 21st century skills like communication, critical thinking, creative problem solving. State of the art facilities for real world learning experiences

Spaces for students and staff to just be, meditate, relax, breathe.

opportunities for intercultural collaboration and communication

Don't lose track of the basics while chasing shiny new objects

Better library system (encouraging students to read for fun)

Make math more fun (students think of math as a burden, and that should change)

31

Please share your greatest hope for the renovated and/or new LHS facility.

Space for crisis management.

Flexible spaces that can be used for collaboration amongst departments, educators, courses, etc - learning and connecting subjects rather than single lane education

Bring the community in (neighborhood, municipal, state and country) not to be siloed in just the curriculum, or the assignments that HAVE to be DONE!

Less emphasis on grades, more focus on growth

Lexington Community Education programs need space for their classes

Global awareness

Areas to showcase student work

Multiple spaces for students and staff to be, not just one large one, but multiple areas where different neurodivergent and sensory needs are met.

31

Please share your greatest hope for the renovated and/or new LHS facility.

Preservation of Historical connections

Tiles and noise reflectors not to be used in cafeteri

Sensory/special ed rooms that are actually sensory friendly (I don't go to the high school, but as a student with special needs, the special ed classrooms at DMS are uh... :|)

form should follow function. not the other way around.

Spaces where students can work or spaces where students and teachers can meet.

The greener the better, please the planet is cooking.

That the hallways or outside walks not be terribly crowded between classes

Preserve the open space feel of the campus, with better flow and security.

31

Please share your greatest hope for the renovated and/or new LHS facility.

How will technology affect what is required of the building? For example kids in colleges are using electric scooters to get around. Do we need parking for scooters or the next form of transportation?

spaces for student+teacher collaboration that are inviting and promote positive relationships/interaction... and computer lab spaces because Chromebooks are not great for design/art/CS/etc

Preserve the central courtyard idea in some way

More flexible classroom and public spaces for student art displays, small performances.

Interdisciplinary pods Adjacent

Closer installations - change the sports field to be more inclusive for sports including soccer, and field hockey and to be closer to the school so that students don't have to walk after a long day

Attractive and inspiring to students, staff and prospective home buyers.

Multi purpose spaces that can serve as large group meeting spaces or event spaces. When there are guest speakers there needs to be a space that is big enough to serve all involved.

31

Please share your greatest hope for the renovated and/or new LHS facility.

Outdoor learning!! — Rooftop gardens, outdoor classroom spaces, activity areas to socialize and understand one another

Lots of light!Student spaces where open campus is not an issueParking and general access pathways for students to get from one space to anotherAn all school gathering space

Ensure performance space and cafeteria space can accommodate the full population

What about if food is delivered and consumed in a very different way in 50 years? Should the cafeteria spaces only be food delivery spaces or should we think about how a large space can be repurposed

Space where the entire school to meet together, at the same time.

How can spaces be celebratory? More than just functional?

Multiple, certainly more than one, elevators

Perimeter safety and security but open and welcoming once in. How do we manage both ends of how we make students walking in feel?

31

Please share your greatest hope for the renovated and/or new LHS facility.

For the community to feel comfortable and accepted

A pool

A pool

intergenerational spaces (childcare / senior programs)

Consider building a space that could host graduation (inside or out). Being able to graduate in town would be a huge benefit

Fitness center/pool/wellness studios that both the school community and the larger Lex community can use.

Ensure performance space (auditorium) is big enough to accommodate community performances

Enhance identity and attractiveness of Lexington to people who pass by

Please share your greatest hope for the renovated and/or new LHS facility.

Separate performing arts center that can be used separately by communityFlexible areas for outside groups

Ability for the community to use the auditorium, gym, or other facilities when they are not being used by the school or school groups (seven days a week)

A large enough auditorium that can fit the entire LHS community and can be used for town events as well.

Create spaces where students can find similar interests with each other or a time after school to connect with one another.

if the building is only used for 180 days for only 8 hours a day but we heat and cool it for an entire year. Its a lot of energy use. Can we make it less energy intensive?

A lifeskill space where community can come in to present about their business/career pathways and provide internship opportunities.

The outside design and architecture should fit well with the town. A more historic, traditional design would be nice

Can the IT resources of the high school be available to others? What about the library resources, the cafeteria kitchens etc?

Please share your greatest hope for the renovated and/or new LHS facility.

Less school more learning

Fast, frugal, effective and high impact on perceived value of the community.

Restorative / Circle practice spaces

Big hallways

Growth mindset

31

Building Upon the LHS Ed Plan

- Community Planning Processes
  - Involving various community stakeholders + experts
  - Provided community input from The Ed Plan > The Ed Program
- 2017-18: Educational Vision + Visioning Team
- 2018-19: New LPS Strategic Plan
- 2018-21: Facilities Master Plan + Master Planning Compendium
  - Master Planning Advisory Committee (MPAC)
- 2020-21: Identification of unmet needs by LPS
  - Departments, educators
- Ed Plan born out of work + input of LPS Community

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Supporting the LPS

10-Year Strategic Plan

LHS Innovation Plan

- Diversity, Equity and Inclusion
- Redefining Success
- Students as Active Agents
- Authentic Learning
- Community Partnerships

Executive Summary of the Strategic Plan of the Lexington Public Schools

Redefining Success

Lexington Public Schools has expanded its definition of success beyond traditional notions of student achievement. We continue to provide rich academic opportunities and excellence in teaching, but we now recognize that our students' future success requires much more. Our educators cultivate essential personal qualities, such as a curious and questioning attitude, a caring and compassionate spirit, and a lifelong joy of learning. Our students think deeply and value civil discourse and informed debate. They seek to create, innovate, and work collaboratively. They explore different cultures, ideas and beliefs, care for themselves and others, and protect our world and its inhabitants. Our staff readily embrace our families and community members as vital partners in developing these qualities and skills. Moreover, we value the process of teaching and learning, though not easily measured by traditional achievement outcomes. This expanded definition of success, anchored in our core values, is now reflected in a well-rounded and comprehensive approach to assessing the achievement of our students, staff, and schools.

Lexington Public Schools has expanded its definition of success beyond traditional notions of student achievement.

Students as Active Agents

Students are primary agents in their own learning. Through dynamic, interactive learning experiences and deep inquiry, students are genuinely engaged and active participants. They contribute to thoughtful discourse, and apply knowledge and skills to novel situations. Students voice their opinions, choose their learning pathways, and help shape their experiences and school culture. As modeled by the adults throughout our school system, students embrace education as a process where taking risks, making mistakes, and encountering failure are an inherent part of learning. We value progress over perfection, and educators, in partnership with families, assist students in becoming increasingly independent and responsible for their own learning. Students experience higher levels of engagement and a greater sense of enjoyment by actively participating in their own learning. Students know their schools are places where their ideas are honored and challenged, exploration and discovery are supported and encouraged, and they feel safe and secure.

Students voice their opinions, choose their learning pathways, and help shape their experiences and school culture.

Authentic Learning Experiences

Learning is authentic and connected to the real world, allowing students to apply knowledge and skills in context. It prepares them for their futures as employees, leaders, citizens, and productive contributors in the world. When educators make learning relevant and meaningful, students experience higher levels of engagement, curiosity, and joy. Students apply their conceptual understanding, engage in healthy debate, and work to solve open-ended real-world problems in and out of school. Independent and collaborative skills are practiced regularly. Supported by administrators, our educators continuously pursue non-traditional methods to improve real-world connections by engaging in internships and externships with mentors, career professionals, local experts, community members, and partnerships with outside organizations. Interdisciplinary inquiry is encouraged and occurs throughout a student's PK-12 education. Students gain extensive experience

Students make meaning by applying knowledge and skills to realistic situations, and they are prepared for their future as employees, leaders, citizens, and stewards of our world.

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Lexington's Core Values and the implications they hold for the design of the renovated and/or new LHS facility

Joy in learning; curiosity in life; and compassion in all we do.

- Social Emotional and Mental Health
- Diversity, Equity, and Inclusion
- College and Career Planning
- Hands on Learning
- Life Skills

LEXINGTON'S CORE VALUES

We all Belong

Use Your Mind

Be Curious & Have Fun

Care for Yourself & Others

Do Your Part

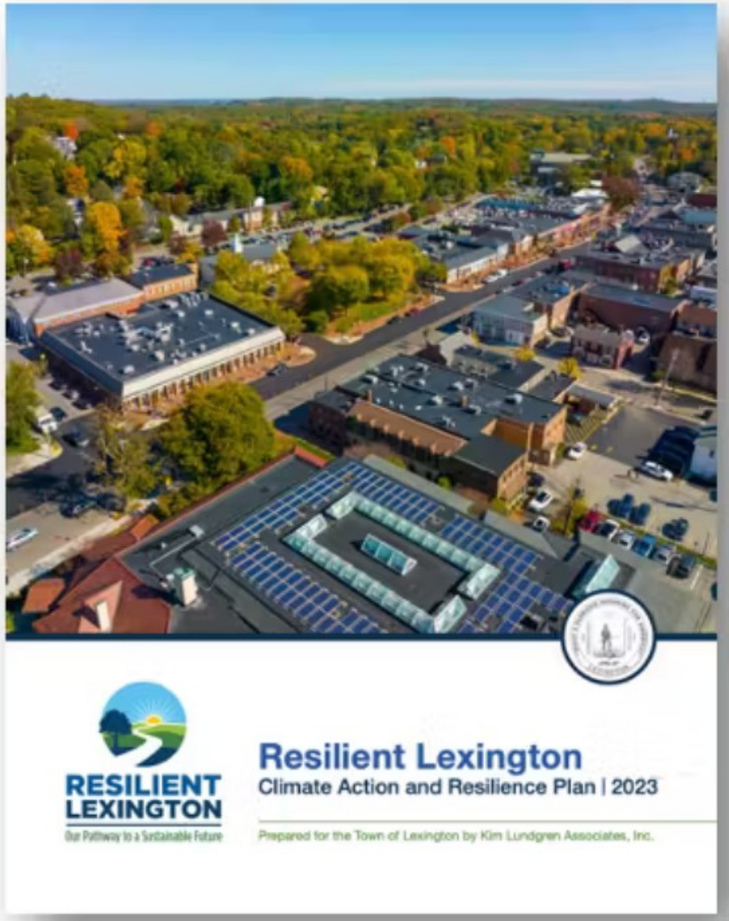
Be Courgeous

Embrace Your Revolutionary Spirit

You are Enough

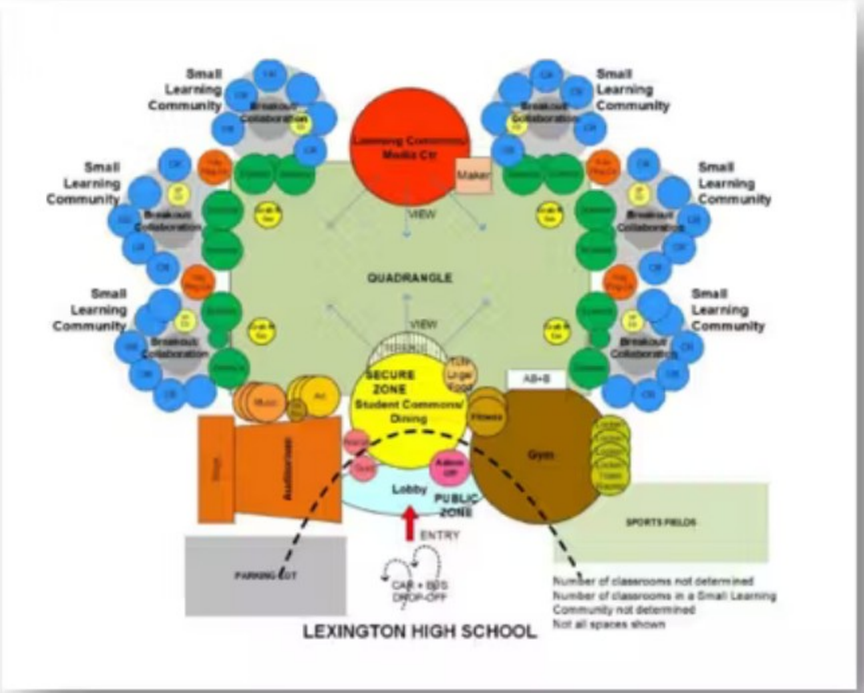
Resilient Lexington
Climate Action and Resilience Plan

- Net Zero or Net Positive
- Geothermal Wells
- LEED Gold or Platinum
- Consider Passive House
- Building Efficiency and Electrification - 100% electrified school building
- Renewable Energy
- Sustainable Transportation



Educational Visioning 2017

- Quadrangle Organization
- Small Learning Communities
- Suites of Classrooms and Spaces
- Circulation Used for Learning
- Flexible Classroom Spaces
- Support for Hands-On Learning
- Interdisciplinary Possibilities
- Teacher Planning Centers

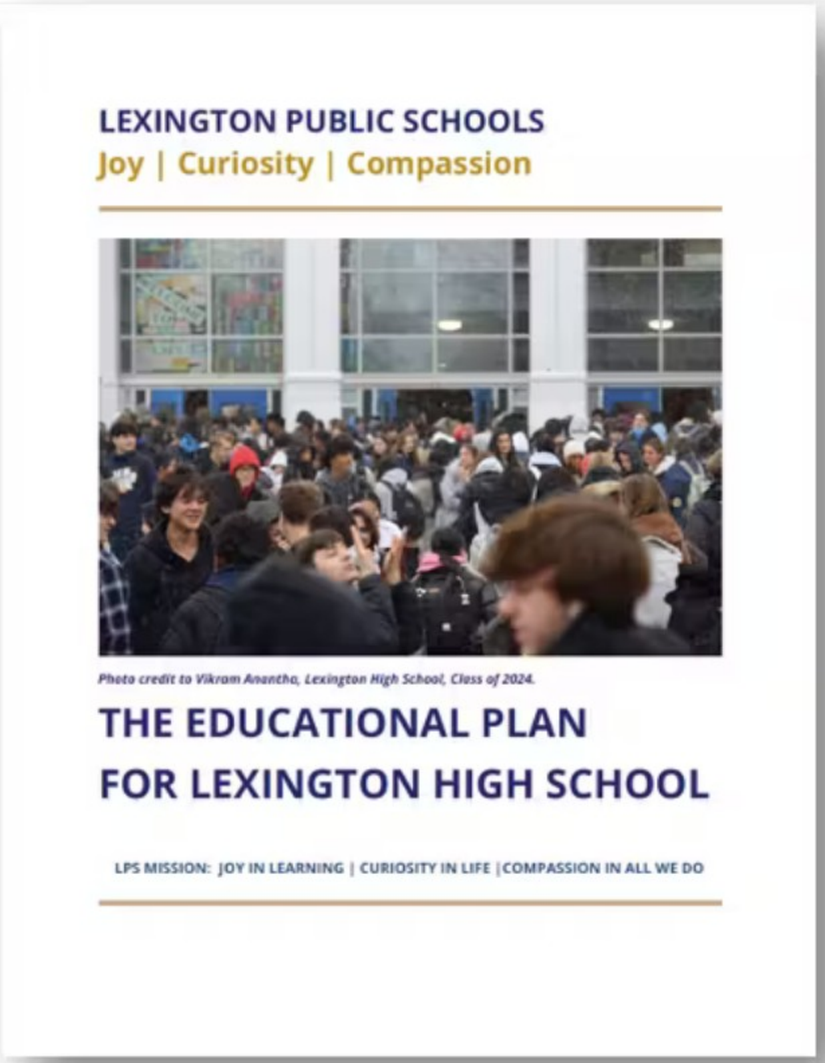


Educational Visioning Lexington High School
Frank Locker Educational Planning

DRAFT Educational Plan for LHS

Document that informs the architects all about LHS and LPS

- Will help them design a school with the town in mind
- Includes priorities, teaching methodology/structure, organization, class size, required/ desired spaces, technology, etc.



LEXINGTON PUBLIC SCHOOLS

Joy | Curiosity | Compassion

Photo credit to Vikram Anantha, Lexington High School, Class of 2024.

THE EDUCATIONAL PLAN FOR LEXINGTON HIGH SCHOOL

LPS MISSION: JOY IN LEARNING | CURIOSITY IN LIFE | COMPASSION IN ALL WE DO

Ed Plan

- Inclusive
- Accessible
- Aesthetically pleasing
- Cost effective
- Functional
- Flexible
- Productive
- Safe and Secure Safe

Mentimeter Feedback

- Aesthetically pleasing
- Flexible
- Cost effective
- Environmentally friendly
- Large
- Functional (practical)
- Educationally hypercompetent

Student Feedback and Engagement

Student School Building Committee (S-SBC)

September 11 - Prep for Community Forum

September 14 - Community Forum #1

- KLDI & Data Collection

October 12 - SBC Meeting

- Presentation of Mentimeter Data

October 19 - LHS Ed Plan

- A Day in the Life & A Week in the Life

November 21st - Community Forum #2

Student Feedback and Engagement

Student School Building Committee (S-SBC)

Keep:

Educational excellence

Sense of community

Good music program

Lose:

Overcrowding

Campus layout

Lack of ventilation

Dream:

Inside-outside integration and design

Innovative spaces

Flexible spaces

Innovate:

Physical learning experience

Ideas for new spaces

Long term environmental sustainability

Any renovated or New MSBA School Will Have…

Massachusetts School Building Authority
Funding Affordable, Sustainable, and Efficient Schools in Partnership with Local Communities

- ADA Compliance
- Safe Entry and Security Features
- Thermal Comfort (Heating and Cooling)
- Modern Technology and Furniture
- Well-Sized Classrooms with Natural Light

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Any renovated or New School MSBA Will Also Have…

Massachusetts School Building Authority
Funding Affordable, Sustainable, and Efficient Schools in Partnership with Local Communities

- Indoor/Outdoor Connectivity
- Push-In Special Ed (Breakout Rooms)
- Safe Drop-Off and Pick-Up
- Sustainable Building Features
- Distributed and Gender-Neutral Bathrooms

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This is an Opportunity to…

Massachusetts School Building Authority
Funding Affordable, Sustainable, and Efficient Schools in Partnership with Local Communities

- Reflect on your District and School Agenda and Needs
- Push your thinking about what is possible
- Envision a building that will last you for decades to come
- Be practical and forward thinking…

Be ASPRATIONAL in your thinking!

Compromises will need to be made

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Brainstorming Rules

- Go for Quantity
- Encourage Wild Ideas
- Defer Judgment
- Build on the Ideas of Others
- One Conversation at a Time
- Stay Focused on the Topic
- Be Visual

LEXINGTON
HIGH SCHOOL

Priorities

Educational, Architectural and Community

5 minute tabletop discussions:

What are your top EDUCATIONAL PPIORITIES and aspirations for LHS?

Please share your top EDUCATIONAL PRIORITIES and aspirations for the LHS

Flexible spaces that are inspiring and non-restrictive in the kinds of educational experiences that students and teachers can participate in.

Project based learning

Non-classroom spaces for students to collaborate, some dedicated to specific programming (METCO, multicultural center, etc.)

Spaces for students to self sufficiently continue projects and their creative learning. aka Video Editing Pods

Integration of nature: we take walks around the school in many classes, this utilizes the whole school space more efficiently and is always a rejuvenating experience

More hands on learning (such as PBLs) that allow students to apply and gain a deeper understanding of what they're learning.

A big open space with a big scope for growth over time. State of the art technology and again scope for advancement

A space where student can learn independently as well as a space where students are able to learn and experience different classes they might not take.

24

Please share your top EDUCATIONAL PRIORITIES and aspirations for the LHS

Flexible learning spaces to facilitate PBL, interdisciplinary learning

Interdepartmental opportunities.

The ability to offer a rich variety of science electives, as our peer high schools do.

In the thick of all the (appropriate!) high-tech demands, want to be sure that old-fashioned talking, conversing, exchanging, arguing doesn't go away.

Collaboration ACROSS departments

Promote and create friendships between people of different gender identities

Top of the line technological spaces that can be used for both education and extra curriculars like esports

Individual space: let the school itself be a canvas upon which students may create memories and record ideas

24

Please share your top EDUCATIONAL PRIORITIES and aspirations for the LHS

Spaces where students can collaborate or work individually, exploring, creating, making.

Happy students.

Too many GREAT Teachers do NOT stay - WHYYYYY????

State of art classrooms, creative and inspiring as well as classrooms that keep students motivated

Flexibility of student choice

One of our priorities should be to be able to design a curriculum and teach our discipline at the level at which it exists in the real world. We should be able to offer a "state-of-the-art" experience

Hands-on learning

Integrate stem and the arts

24

Please share your top EDUCATIONAL PRIORITIES and aspirations for the LHS

LoePressure environmentProject based

More interdepartmental interactions and spaces for students to actively collaborate

Spaces where students learn from eachother - let students share ideas or encouragements with others in the same space

Spaces where students can choose their learning for flexible blocks

Mental health and wellness is educational excellence

Spaces made for project based learning

Innovative, inspirational and creativeVocational learning opportunitiesProject basedFlexible learning spaces

Environments in which students feel like they can share their opinions even if it is different from the general opinion

24

Please share your top EDUCATIONAL PRIORITIES and aspirations for the LHS

Collaborative spaces

More opportunities for cross-curricular learning.

More music practice room (well ventilated) spaces.

Creative spaces for students - put a board there and see what students put there

Classrooms that reduce the proclivity for teacher-centered learning

Open spaces that are inviting

Individual spaces for independent studies for the performance arts and visual arts

More emphasis on trying to understand the content rather then the correct answers (grading rubrics that encourage understanding)

24

Please share your top EDUCATIONAL PRIORITIES and aspirations for the LHS

Space and time to explore different things that folks are interested in

Spaces for students to reset and be restful.

Combined technology spaces between math, science, and art that can be used in and out of class that can enable students to build and collaborate together

Students should have a place/center, that promotes cultural exchanges where groups of people and communities come together and can learn independently from each other.

1) Modern, Adoptable and efficient facility and space planning.2) Modern Techno Industry School

differentiated and flexible learning that works for students of differing comfort levels & interests

Facilitation of independent studies

Ability to build out an internship program

24

Please share your top EDUCATIONAL PRIORITIES and aspirations for the LHS

Preference is new LHS. Quality of spaces should be wider, colloborative spaces . Keep major ex: (library, cafe) centralized vs corners. Plus have open campus look, feel plus elevate pride of Lexington

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areas for students to be during after school hours!

Carbon neutral

Large space where the full school can gather together

spaces that support flexible learning and the well being of students (ie access to special education, wellness rooms, etc)

We need pathways between areas of the schools that are indoors and shorter. The physical layout needs to facilitate easy access, even in mixed weather.

24

Please share your top EDUCATIONAL PRIORITIES and aspirations for the LHS

Space to practice mindfulness

Foyer introducing and exhibiting each department and its speciality. Maker's space, more sports related, green house, landscape and beautiful frontage.

community health clinic! allows for students to use during school and can be used for community purposes after school hours

big auditorium that can seat more people & can be rented out by community members

24

5 minute tabletop discussions:

What are your top ARCHITECTURAL PPIORITIES and aspirations for a renovated and/or new LHS?

17

Please share your top ARCHITECTURAL PRIORITIES and aspirations for a renovated and/or new LHS

Beauty and practicality

The school in its current state feels very sterile and desolate. I wish that there were more places to collaborate and interact with teachers and students.

No tiles and echoey materials in lunch room please

Auditorium that Fits the whole school

A large state of the art maker space that stretches across disciplines like art, math, and science

Bigger hallways

Preserve historical architecture to connect past, present and future generations...architecture is unique

Stairs, Lifts, and Slides

36

Please share your top ARCHITECTURAL PRIORITIES and aspirations for a renovated and/or new LHS

More intimate spaces for students to collaborate and wait

Spaces for collaboration

Big, open, bright welcoming entrance area.

A way to preserve a connection to nature while also being mindful of the day to day weather

Facade jives with historic town. #showmethebricks

Places where students can interact with work with one another

Storage

Historical connection with town architecture

36

Please share your top ARCHITECTURAL PRIORITIES and aspirations for a renovated and/or new LHS

Preference is new LHS. Quality of spaces should be wider, colloborative spaces . Keep major ex: (library, cafe) centralized vs corners. Plus have open campus look, feel plus elevate pride of Lexington

A facility with a great amount of space to support the educational and social experiences of high school - a performing arts center that centralizes the Lex community, more/larger athletic facilities

Flexible spaces like classrooms where the walls can come down and four classrooms can join together

Spaces that allow students to display their work - put up your WIP works on the sides of a hallway - people can be inspired and even give feedback - gives a dynamic learning environment to everyone

If the class sizes remain the same, then there should be larger classrooms

Open state of the art facilities that support experiential learning and also collaboration and flexible use

HVAC system should be built considering future infections like COvid-19.More than 1 cafeteria to reduce line and food access the everyone.

Various amphitheres or theaters that can be utilized by clubs, guest speakers, events, teachers to show case various things

36

Please share your top ARCHITECTURAL PRIORITIES and aspirations for a renovated and/or new LHS

Bigger lab spaces

It should be easy to get around and not feel like a maze

Open atrium/incorporation of open space like LHS has currently

Greenery in classrooms

Is it possible to create a space where the whole school can come together at times, like bleachers in the gym or something?

I accidentally wrote this on the other slide, but sensory friendly special ed rooms would be nice. As a student with special needs, the special ed rooms at DMS aren't super sensory friendly 🥲

Outdoor classrooms

Galerry spaces instead of walls so that students can out their work, weather finished or in process to promote process not just product

36

Please share your top ARCHITECTURAL PRIORITIES and aspirations for a renovated and/or new LHS

Preserve the Gillespie auditorium

A medium place where students and teachers can meet and work through issues together. This is ideally not the teachers nor the students space.

OPEN-Air - "Quad-like space" where interactions can still take place.

Strong adjacencies 2 story libraryLarge performing arts center (can be separated off from rest of building)wide hallwaystaller layout (more floors up)

Spaces for athletics (swimming pools, soccer fields, etc) as well as more spaces to eat as cafeteria space is limited

A green house that could be used to grow vegetables and fruits which could be used in the cafeteria to provide self sustainability, it could also be used by earth science classes for real world practi

Preference is new LHS. Quality of spaces should be wider, colloborative spaces . Keep major ex: (library, cafe) centralized vs corners. Plus have open campus look, feel plus elevate pride of Lexington

Passing Time between classrooms should be enjoyable and quick.

36

Please share your top ARCHITECTURAL PRIORITIES and aspirations for a renovated and/or new LHS

Space for student work to be displayed! Galleries, performance spaces, digital displays

LOTS OF NATURAL LIGHT!!

More natural lighting

Spaces for community collaboration - both formal and informal - sunken amphitheaters, large foyers with casual seating, maker spaces for cross-disciplinary experiences,

Open feel by getting lots of skylights.

fully enclosed building that doesn't requiring students/staff to go outside to move from class to class.

Rooms that don't clearly shout out what they're for. If we're not told what class it is, we can mix all our ideas from every discipline to developed more thoughts

Bigger library

36

Please share your top ARCHITECTURAL PRIORITIES and aspirations for a renovated and/or new LHS

Multilevel as long as there is a view.

Certain classrooms with more unique functions. For example, we can have a traditional science classroom and have separate rooms where large scale labs could take place.

Open yet consolidated space for high school. Lot of open and extra space for growth over time. An open air amphitheater would be a great addition for kids to let loose other than performances offcous

Exterior that has a classic architectural feel. See police station.

Space for teachers to use during planning time (quiet), private meetings with students, etc.

Greenhouse/Garden spaceGallery for students to showcase their work, artwork, projects, etc.Swimming pool

Enough parking spaces.

out door spaces where students and staff can gather (either formally) are also maintained and intentionally designed

36

Please share your top ARCHITECTURAL PRIORITIES and aspirations for a renovated and/or new LHS

Spaces for people to socialize or unwind

Wellness spaces!

A space that is separated from the gym that could be used for various events like esports with a connecting locker/break room

Carbon neutral

Go up and out...renovate, then add a science building...will minimize carving up of earth

A great deal of natural light and high ceilings - welcomes the mind into not just "school," but opportunities to learn

Flexible spaces to collaborate across departments - animation + anatomy + kinetics + physics for example

A small cafe could provide an opportunity for students to prepare, sell, and serve food or drinks to the school community.

36

Please share your top ARCHITECTURAL PRIORITIES and aspirations for a renovated and/or new LHS

Casual room arrangement - directionality decentralized, allow students to discuss with eachother

Consider passing time in designing. Find a way to avoid lengthy passing times.

A room that can be utilized by video production classes that can collaborate with lex media and work to create broad casts for the school

High school used by other non profits to run weekend school. Flexibility for them to reconfigure per their needs without being extremely restrictive.

The ability for students and staff to go from class to class without being required to go outside.

Common work spaces /collaboration spaces for small groups

Thinking in hexagons rather than in lines or squares when it comes to how to connect spaces

Build up and out

36

Please share your top ARCHITECTURAL PRIORITIES and aspirations for a renovated and/or new LHS

Place to tactical r mindfullness

A state of the art theater that can be used for a huge audience.

Computer labs that are large enough that can sustain spaces for individual work and intense collaboration

Bigger auditorium (should be able to accommodate the entire student body)

Indoor plants and greenery.

Outdoor space - outside sculpture, raku kiln spaces, performance space, plein air art spaces

Breakout rooms between classrooms

More bathrooms (and they should be accessible)

36

Please share your top ARCHITECTURAL PRIORITIES and aspirations for a renovated and/or new LHS

More ways forFolks to get to their classroom

STEAM labs and makers spaces across the campus, not just one, but multiple for multiple collaboration posibilities.

Appealing Elevations and feel good Building and space.Very good Green score.

A building or buildings that are appropriate for New England weather.

Departmental Offices that can support teachers having desks and collaboration between department faculty

A more organic structure that encourages a more lively place, rather then a "prison"

Professional Art Gallery for annual art shows, that can also be used to support other extended experiential learning events in and outside of school hours

OUTDOOR Gathering spaces where teaching can occur - Under solar panels so dry and industrial heaters so spaces are year-round

36

Please share your top ARCHITECTURAL PRIORITIES and aspirations for a renovated and/or new LHS

Large Atrium that allow for more educator-student interactions , learning spaces, natural light and lots of green spaces maximizing on sustainability,

Integrate town resources

Gender neutral lockerroom/changing spaces, not just bathrooms

Connecting inside and outside: classrooms where people can feel comfortable walking in and listening to the class

A kitchen space for community groups.

Small, quiet study places within the library, similar to those in the Cary Library. Maybe there can be classes near the library that classrooms can book to be in close proximity to the library.

Shared Resources. This can include sharing sports facilities, libraries, auditoriums, or technology resources.

Parking has to be close by building. Current two parking lot setup here works well.

36

Please share your top ARCHITECTURAL PRIORITIES and aspirations for a renovated and/or new LHS

Decentralized performance spaces - many amateur musicians and artists of our community may not have the stage to show their ideas, and some smaller spaces are more comfortable than giant amphitheater

Flexible space open to community for reservation/rentalStore, bank, daycare, etc available (run by students)

36

5 minute tabletop discussions:

What are your top COMMUNITY PPIORITIES and aspirations for a renovated and/or new LHS?

15

Please share your top COMMUNITY PRIORITIES and aspirations for a renovated and/or new LHS

Ability to reconfigure space for other community programs. Weekend schools events.

Interconnectivity to foster learning and a sense of unity

Daycare spaces for teachers and community members

Athletic facilities to be used by the community (pool? Fitness center)?

Being able to rent out LHS spaces without compromising the safety of our student body

Gallery that is accessible to the public that is attached off of the building

A swimming pool to be shared with community would we nice!

Full accessibility for the public

Please share your top COMMUNITY PRIORITIES and aspirations for a renovated and/or new LHS

Graduation has to be in-house (no-Lowell) and LPS Staff 900+ and at least 3/4 th of LHS should fit in one common space . Could be multi purpose space

Providing connection between the community and the building - performing arts spaces, athletic facilities, vocational opportunities - LHS becomes a hub for bring people together

Community includes staff, and it's increasingly difficult to afford living near LHS. Maybe some kind of staff day care?

Better transitions for students moving

Building connectivity beyond academic goals, creating time and space with intention to do this as a school

An auditorium (or other space) can fit the WHOLE SCHOOL - can be used by the community for events

Broadcast spaces that can better link up with community members like lex media, create internship opportunities

The auditorium should be built with the community in mind, knowing that it gets rented out often. And/or, the school can have multiple performance/function spaces.

Please share your top COMMUNITY PRIORITIES and aspirations for a renovated and/or new LHS

Religious/prayer/meditation areas where people of the same religion can come together and have their own space.

Safe access points for presentations, concerts, student performances and guest speakers so remainder of school is off limit

Classrooms for use for adult ed

More after school opportunities other than clubs

Auditorium that is large enough for student body + parents.... MSBA's projected # of students means we will not be building our 'big boxes' big enough (yes, I know we will plan for an addition).

The building should be efficient enough for community events during Non School days or hours other than dedicated spaces.

Adult and youth ed geard spaces

intergenerational spaces (childcare / senior programs) - would benefit students to see

31

Please share your top COMMUNITY PRIORITIES and aspirations for a renovated and/or new LHS

intergenerational spaces (childcare / senior programs) - would benefit students to see

intergenerational spaces (childcare / senior programs) - would benefit students to see

intergenerational spaces (childcare / senior programs) - would benefit students to see

I like that STEAM lab that you are mentioning - makerspaces!

Student led things (stores, care centers,etc) as well as places where students could receive community service hours

maintain and enhance where however we can the high level of community use while remaining costs conscious (this will also help us sell the project to the voters)

Fluid spaces where community members can use the school for events that are separate for school students

Graduation to be held in Lexington

31

Please share your top COMMUNITY PRIORITIES and aspirations for a renovated and/or new LHS

Extensive utilization of the high school space for student activities in the afternoons and on weekends.

Big auditorium to support students function in which families can participate without chaos.

An auditorium, Gymnasium, a workout floor, and library shared with community would be great!

Community businesses that could promote life skills, internships i.e. bank connected to financial literacy class.

Adding Continuing Education to the building offerings - thinking of about Lexington Community Education, the many weekend "schools" that take place here - bringing in the community = greater investment

Easy accessibility of 1public to the building Parking near biilding

More interaction across elementary/middle school/high school would allow for a stronger educational experience and prepare younger kids/make them more comfortable as they progress in their journey

Make the building facilities attractive and make it easier with rental plans. Community store for kids to sell there innovations.

Please share your top COMMUNITY PRIORITIES and aspirations for a renovated and/or new LHS

Sports for fun (committing 18 hours a week to one game is a lot, and there should be opportunities for students to play a sport for fun, like maybe 30 minutes every afternoon)

Spaces like shops and a restaurant that can connect with the community and also facilitate work experiences for students

Socializing spaces

Classrooms everyone feels comfortable walking in and listening or even discussing with the class

Longer opening hours for the library

LHS as a community space beyond school

Comunity use after school hours

Allows for deliberate inclusiveness for all schools , elementary or middle kids

31

Please share your top COMMUNITY PRIORITIES and aspirations for a renovated and/or new LHS

small esports tournament space that could be accessible and rentable by the community

More collaboration

performance, art shows, conventions, fairs, gender affirming free closets, food pantry, parent ed

Separate space for clubs to support middle and elementary schools.

Summer use - the school has low use during breaks - let the community host events for students and others during break times

Multiple concert halls and auditorium spaces

Use of community facilities to augment school resources

Community education office with separate entrance and dedicated classroom space. Teaching kitchen for classes. Medium sized performance space for lecture and smaller performance.

31

Please share your top COMMUNITY PRIORITIES and aspirations for a renovated and/or new LHS

Place the stage in the middle instead of the side - a place where people are at the center

Preschool!

Spaces that can or will promote engagement between the different levels

Gillespie auditorium

esports tournament space could also function as a multifunctional space for community members to learn video game design as well

Large airy spaces that will allow for forums/other types of educational spaces.

31

LEXINGTON
HIGH SCHOOL

Future Ready

Teaching and Learning

5

Skills for a New Economy

Top Skills for 2025

1. Global citizenship skills
2. Innovation and creativity skills
3. Technology skills
4. Interpersonal skills
5. Personalized and self-paced learning
6. Accessible and inclusive learning
7. Problem-based and collaborative learning

WORLD ECONOMIC FORUM

The 5 Cs

- Critical Thinking
- Communication
- Collaboration
- Creativity
- Citizenship

21st Century Skills

Exploring Future-Ready Teaching and Learning at LHS

The 6 Rs

Reading
Writing
Arithmentic
Rigor
Relevance
Relationship

The 5 Cs

Critical Thinking
Communication
Collaboration
Creativity
Citizenship

SEL

Social Emotional Learning

Hands-On Learning

STEM/STEAM, and Career Tech

Student Centered

Interdisciplinary

Technology-Rich

Inclusive and Differentiated

Community Connected

Problem and Project-Based

Process Oriented

- Social Emotional and Mental Health
- Diversity, Equity, and Inclusion
- College and Career Planning
- Hands on Learning
- Life Skills

Educational Delivery

Teacher-Centric	→	Student-Centric
Passive Learning	→	Active Learning
Classrooms	→	Flexible Learning Environments
Conventional Technology	→	1:1 Technology Environments
Individual	→	Collaborative
Subject-Based	→	Project-Based
Undifferentiated	→	Differentiated

Diversity, Equity, and Inclusion

- Core Values
- Cultural Proficiency

Elevating the needs of:

- English Language Learners
- LABBB Collaborative
- LGBTQIA+
- METCO Program

English Language Learning

- Daily ESL instruction building skills in
  - Reading
  - Writing
  - Speaking
  - Listening
- WIDA standards
- General classrooms offering "sheltered" content

Family Welcome Center as well as inclusionary spaces for co-teaching as well as separate spaces for "pull out" services

LABBB Collaborative

- 6 district members
- Students from over 60 communities
- LHS serves 120 students
- Inclusivity in general education setting is always the goal

A dedicated suite of rooms for students that is centrally located with easy access to transportation and shared public spaces

LABBB
Educational Collaborative

LGBTQIA+

- All inclusive lessons
- Gender and Sexuality Alliance (GSA)
- All gender restroom options

Universal design principles should be used to design a building that is gender-inclusive with all-gender restrooms throughout and in close proximity to classrooms.

2

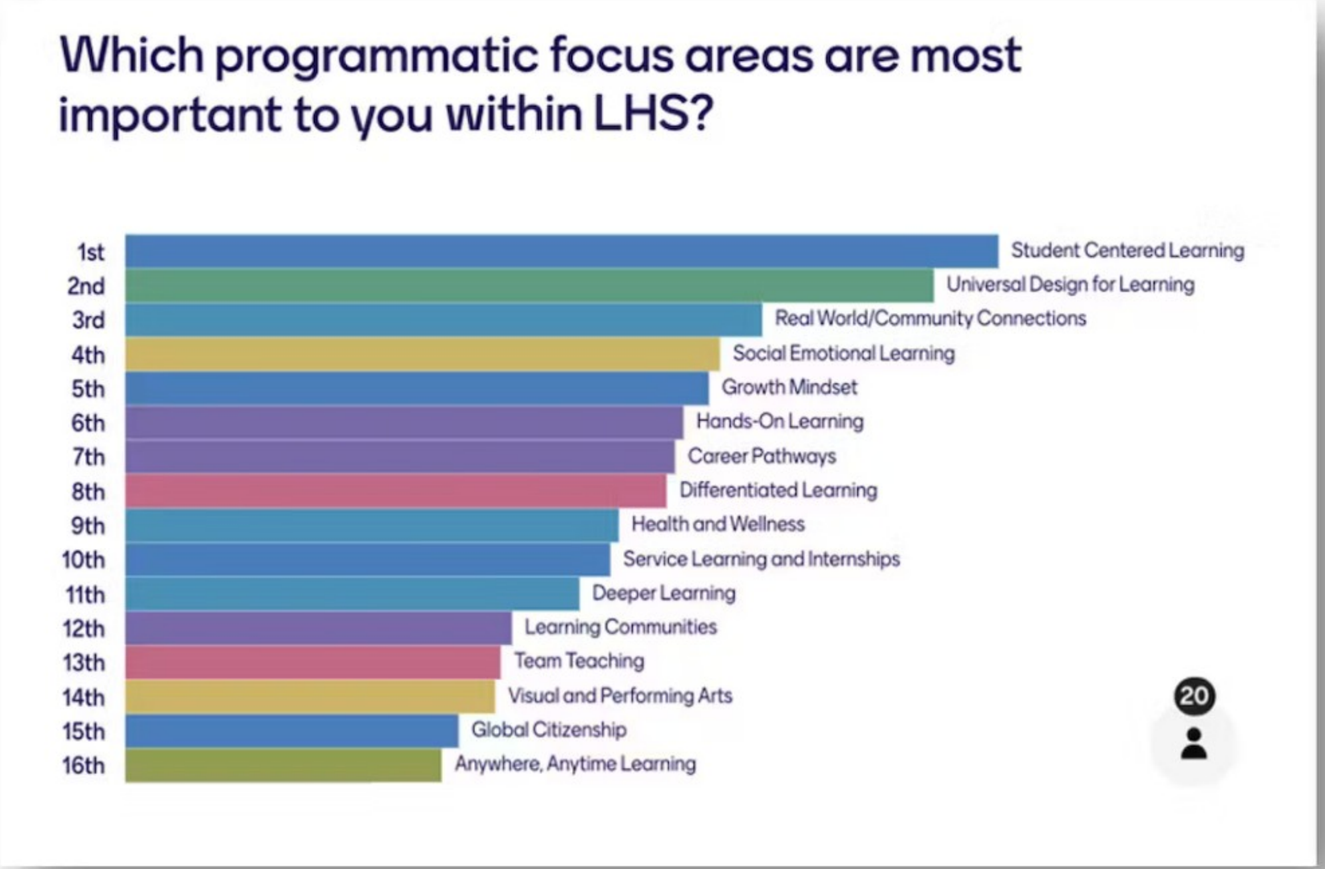
METCO Program

- Guiding Principles of community, dignity, humor, leadership, peace and empathy, perseverance, purpose, and scholarship
- African American Latino Scholars Program

A METCO Suite to accommodate small group gatherings of 40-50 people, a relaxations room, and appropriate offices for administrators and social workers

LPS and LHS Leadership Focus Areas

1. Student Centered Learning
2. Universal Design for Learning
3. Real World/Community Connections
4. Social Emotional Learning
5. Growth Mindset
6. Hands-on Learning
7. Career Pathways
8. Differentiated Instruction
9. Health and Wellness
10. Service Learning and Internships
11. Deeper Learning
12. Learning Communities
13. Team Teaching
14. Visual and Performing Arts
15. Global Citizenship
16. Anywhere, Anytime Learning



1

Student-Centered and Lifelong-Learning

- Agency
- Higher Order Thinking
- Proactive Learning
- Varied Learning
- Problem Solving
- Organizational Skills
- Communication
- Confidence

Universal Design for Learning

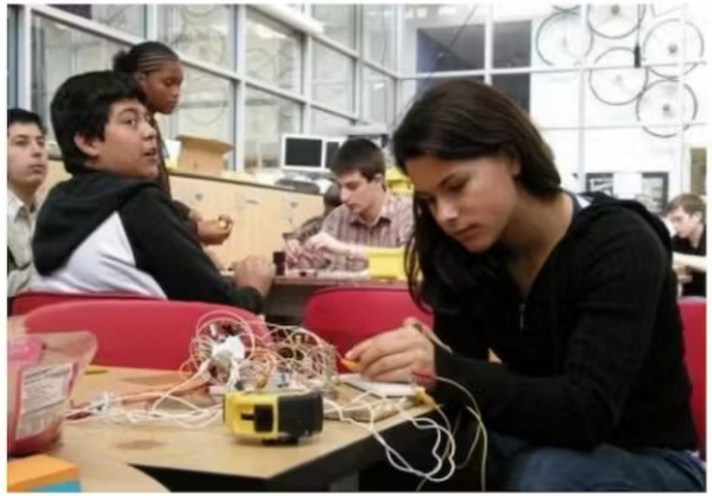
Recognition Networks
The "what" of learning

Strategic Networks
The "how" of learning

Affective Networks
The "why" of learning

Multiple Means of **Representation**, **Expression** and **Engagement**

- Varied Delivery Methods
- Hands-On Learning
- Action and Expression



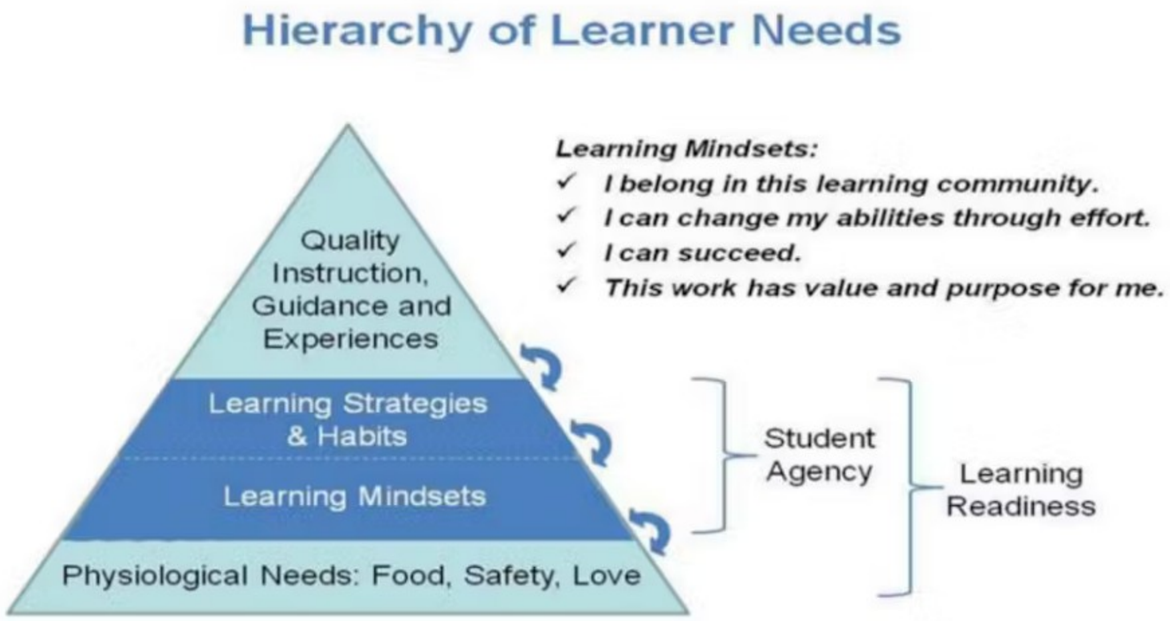
Real World and Hands on Learning

- Project-Based Learning
- STEM and STEAM
- Extended Learning Opportunities
- Community Contexts
- Deeper Learning
- Life Skills

Social Emotional Learning

- Core Values
- Growth Mindset
- Mental Health
- Counseling
- Mindfulness
- Resilience and Grit

Academic/Growth Mindset



… Integrity, responsibility and Perseverance…

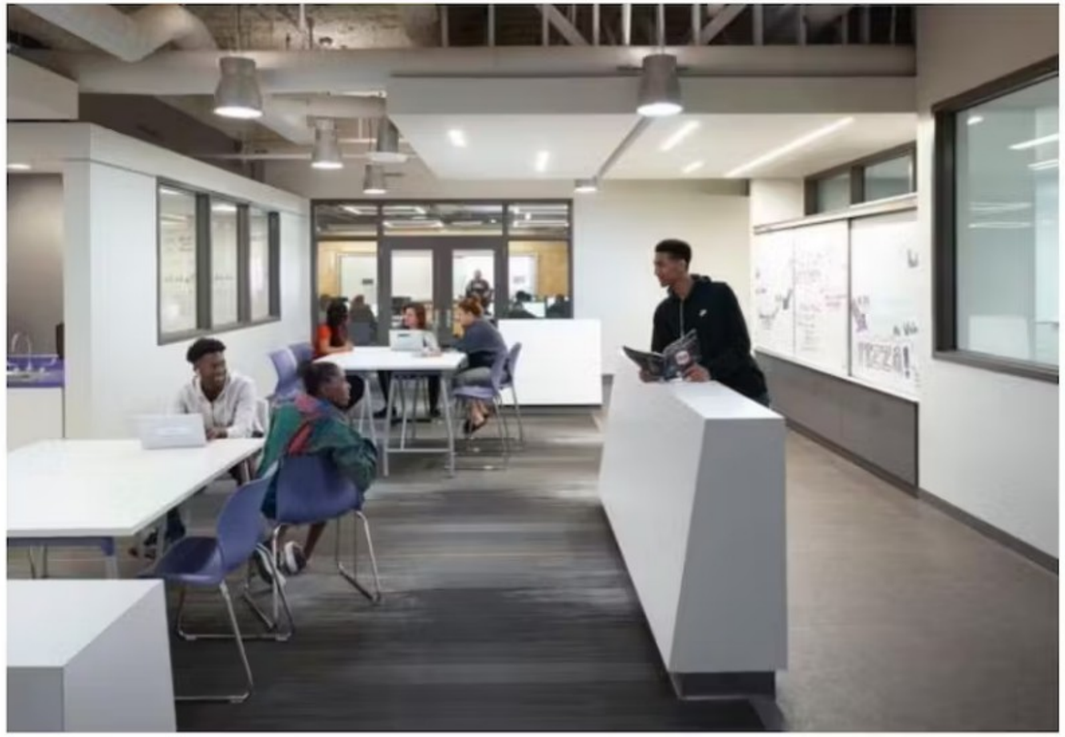
… value of effort over innate intelligence…

Career Pathways

- College and Career Planning
- Career Technical Education
- Extended Learning Opportunities
- Internships and Field Studies
- Service Learning

Differentiated Instruction

- Targeted Intervention
- Inclusive and equitable Access
- Personalized Learning
- Self-Paced and Small Group

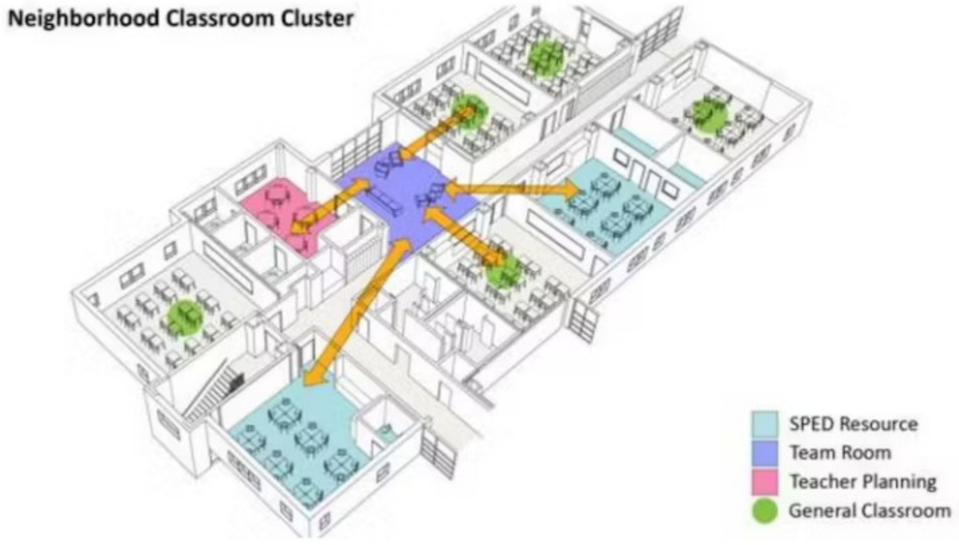


Health and Wellness

- Mental and emotional health
- Social health, nutrition, physical fitness, and athletics

Learning Communities

- Teacher Teaming
- Classroom neighborhoods
- Interdisciplinary connections
- DEI – Sense of belonging
- Extended learning areas
- Teacher planning areas
- Options for departmental connections
- Agile General Ed Classrooms
- Dispersed Science Labs (STEM and STEAM connections)

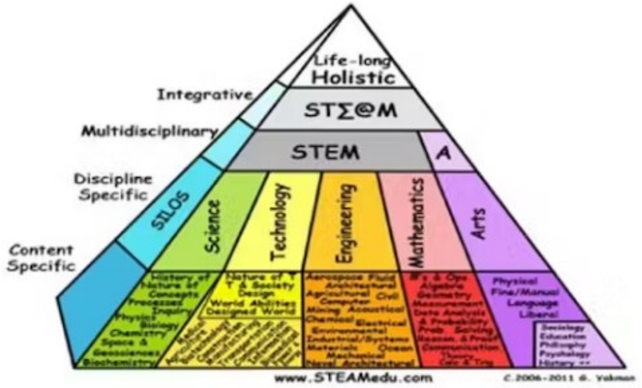


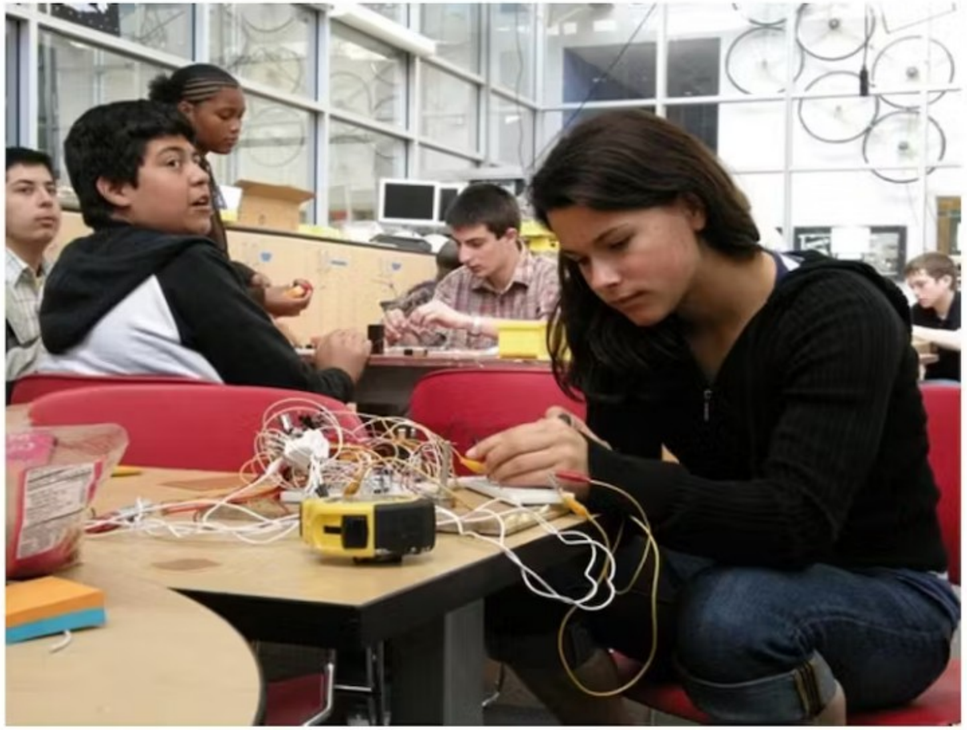
Visual and Performing Arts

- Creative expression
- Enrichment Programming
- Arts integration
- Community connections

STEM and STEAM

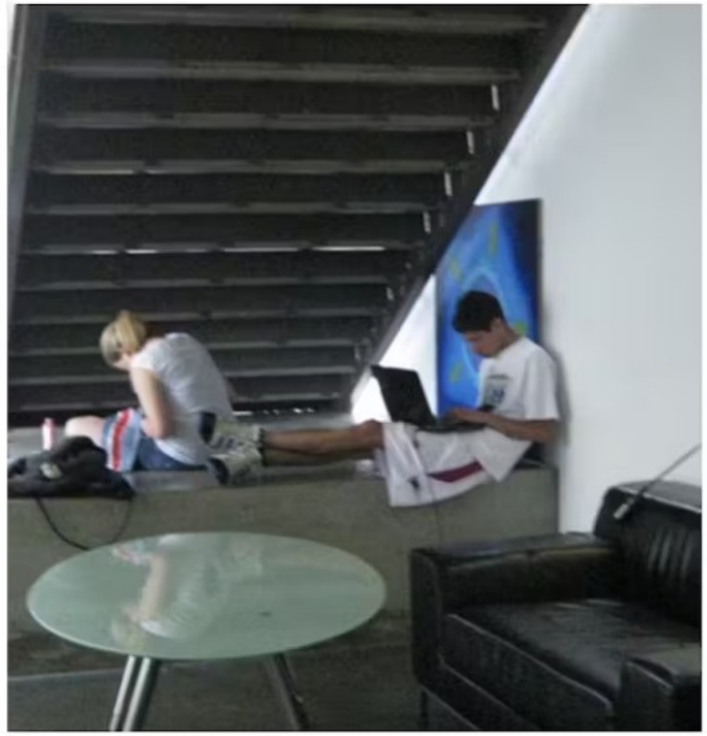
- STEM as meta-discipline
- Art and Humanities as Glue
- Interdisciplinary Connections

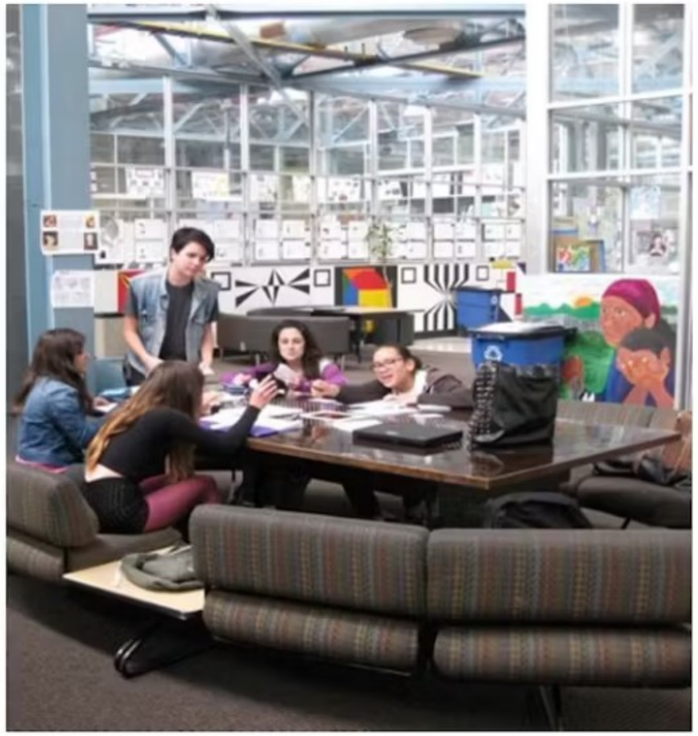




Anytime, Anywhere Learning

- Flip Classrooms and Virtual Delivery
- Independent and Self-Paced Learning
- Outdoor Learning
- Student Agency



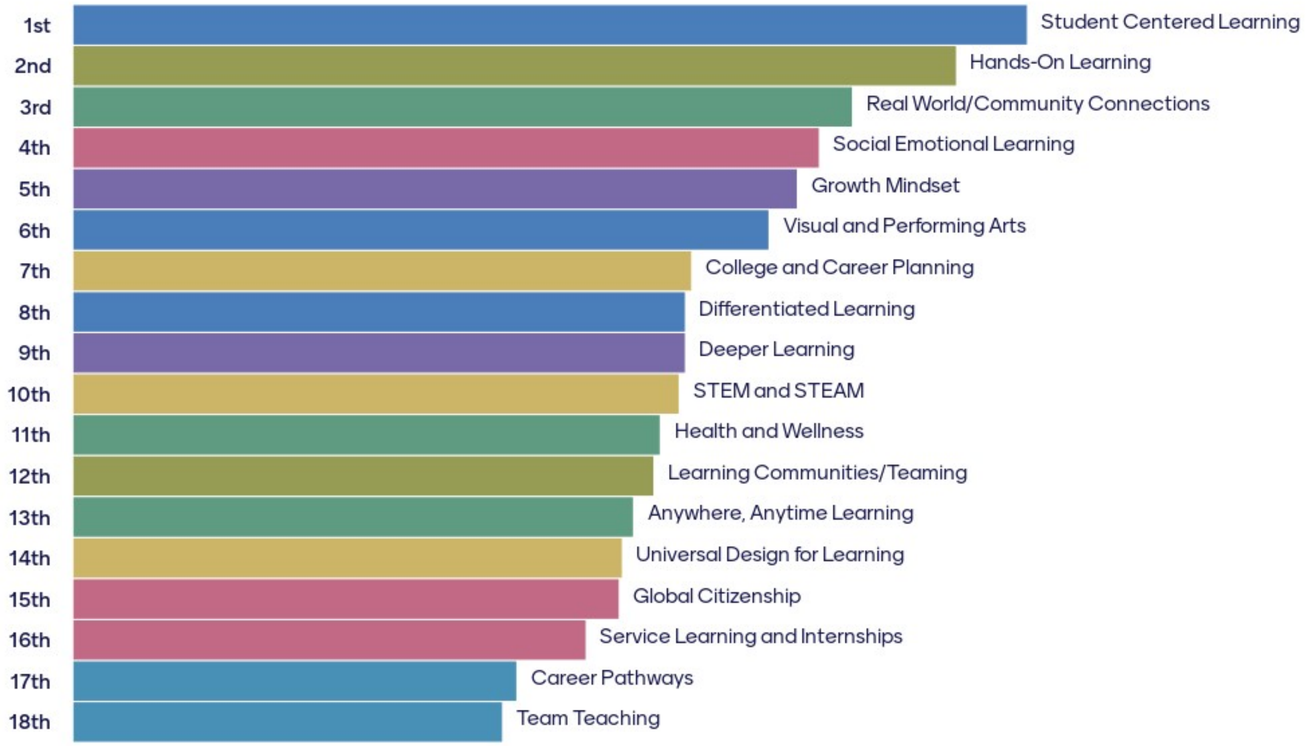


Global Citizenship

- Global and Intercultural issues
- Collective Well Being
- Sustainable Development
- World Views and Perspectives
- Open and Effective Interactions

CIS COUNCIL OF INTERNATIONAL SCHOOLS

Which programmatic focus areas are most important to you within LHS?



What language is missing to describe your priority educational programs and learning goals for LHS?

Collaboration

Academic Excellence

Academic Excellence

Student growth from previous year

Special Needs

Community building and connectivity

Not just team teaching, but teacher collaboration

Developing empathy for others and tolerance

21

What language is missing to describe your priority educational programs and learning goals for LHS?

Special needs focus

Special needs students and facilities around it.

Academic excellence

Expand the idea of what "success" is and looks like.

Redefine success

Honors and AP programs

Longterm skills

Inclusion

21

What language is missing to describe your priority educational programs and learning goals for LHS?

Too many "Learning" Items on the main list. Consolidate and make room for others here

Flexible grad requirements

AP for ALL

Intercultural competence

Differentiated classes by ability and goals - in art some students simply want to explore while others are planning for college or career in art. Many students have vastly different goals

Accommodation

Part time opportunities for students being student mentors to younger generation.

Healthy relationships

21

What language is missing to describe your priority educational programs and learning goals for LHS?

An entrepreneurial mindset to education

Student self-determination

Historical connection, strenght from Lexington history

21

LEXINGTON
HIGH SCHOOL

Future Ready

Learning Goals Activity

Supporting the LPS

10-Year Strategic Plan

LHS Innovation Plan

- Diversity, Equity and Inclusion
- Redefining Success
- Students as Active Agents
- Authentic Learning
- Community Partnerships

Executive Summary of the Strategic Plan of the Lexington Public Schools

Redefining Success

Lexington Public Schools has expanded its definition of success beyond traditional notions of student achievement. We continue to provide rich academic opportunities and excellence in teaching, but we now recognize that our students' future success requires much more. Our educators cultivate essential personal qualities, such as a curious and questioning attitude, a caring and compassionate spirit, and a lifelong joy of learning. Our students think deeply and value civil discourse and informed debate. They seek to create, innovate, and work collaboratively. They explore different cultures, ideas and beliefs, care for themselves and others, and protect our world and its inhabitants. Our staff readily embrace our families and community members as vital partners in developing these qualities and skills. Moreover, we value the process of teaching and learning, though not easily measured by traditional achievement outcomes. This expanded definition of success, anchored in our core values, is now reflected in a well-rounded and comprehensive approach to assessing the achievement of our students, staff, and schools.

Lexington Public Schools has expanded its definition of success beyond traditional notions of student achievement.

Students as Active Agents

Students are primary agents in their own learning. Through dynamic, interactive learning experiences and deep inquiry, students are genuinely engaged and active participants. They contribute to thoughtful discourse, and apply knowledge and skills to novel situations. Students voice their opinions, choose their learning pathways, and help shape their experiences and school culture. As modeled by the adults throughout our school system, students embrace education as a process where taking risks, making mistakes, and encountering failure are an inherent part of learning. We value progress over perfection, and educators, in partnership with families, assist students in becoming increasingly independent and responsible for their own learning. Students experience higher levels of engagement and a greater sense of enjoyment by actively participating in their own learning. Students know their schools are places where their ideas are honored and challenged, exploration and discovery are supported and encouraged, and they feel safe and secure.

Students voice their opinions, choose their learning pathways, and help shape their experiences and school culture.

Authentic Learning Experiences

Learning is authentic and connected to the real world, allowing students to apply knowledge and skills in context. It prepares them for their futures as employees, leaders, citizens, and productive contributors in the world. When educators make learning relevant and meaningful, students experience higher levels of engagement, curiosity, and joy. Students apply their conceptual understanding, engage in healthy debate, and work to solve open-ended real-world problems in and out of school. Independent and collaborative skills are practiced regularly. Supported by administrators, our educators continuously pursue non-traditional methods to improve real-world connections by engaging in internships and externships with mentors, career professionals, local experts, community members, and partnerships with outside organizations. Interdisciplinary inquiry is encouraged and occurs throughout a student's PK-12 education. Students gain extensive experience

Students make meaning by applying knowledge and skills to realistic situations, and they are prepared for their future as employees, leaders, citizens, and stewards of our world.

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SMMA newvistadesign LEXINGTON HIGH SCHOOL

Future Ready Learning Goals

Activity

Bloom's Taxonomy

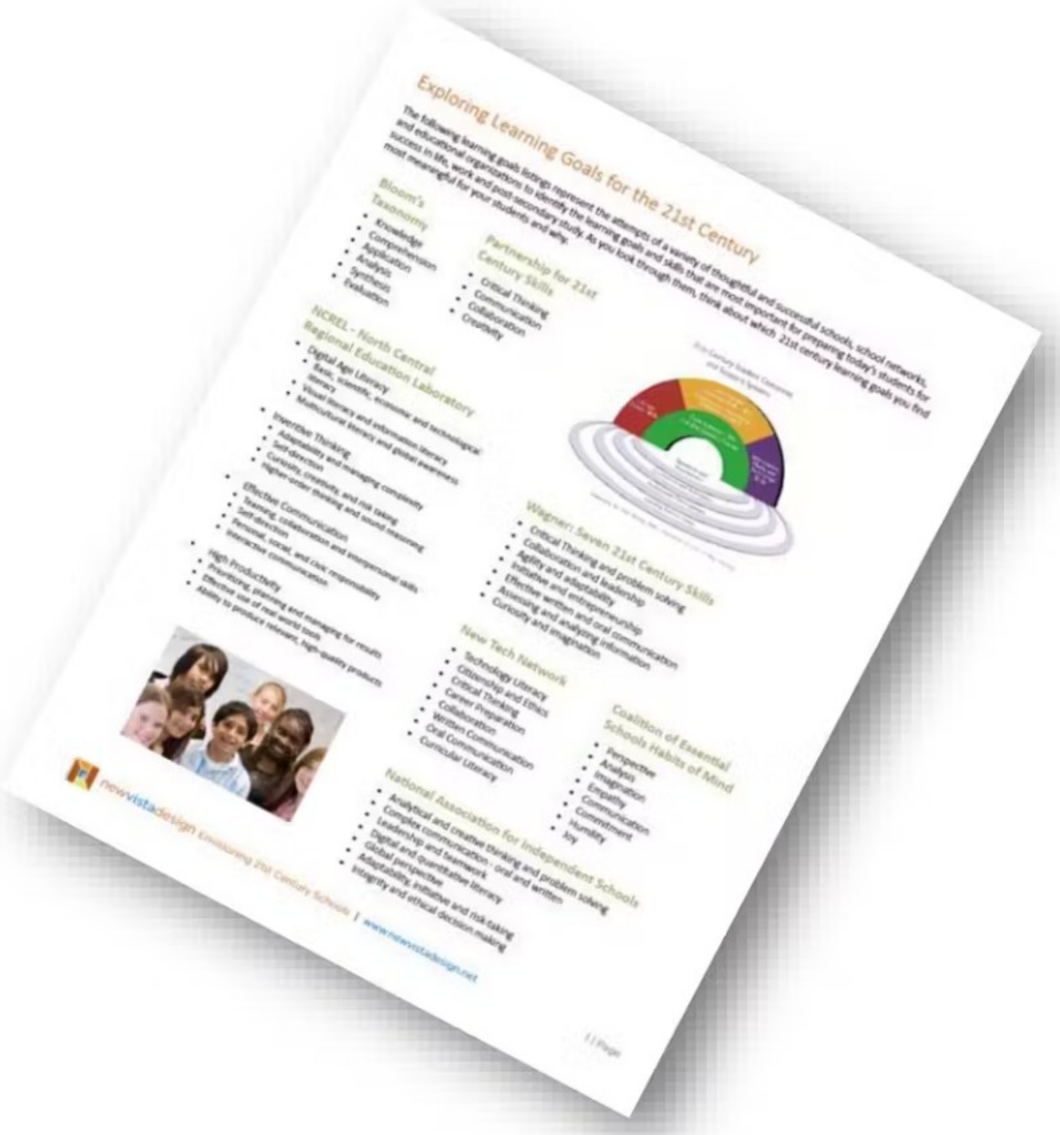
- Knowledge
- Comprehension
- Application
- Analysis
- Synthesis
- Evaluation

Partnership for 21st Century Skills

- Critical Thinking
- Communication
- Collaboration
- Creativity

NCREL - North Central Regional Education Laboratory

- Digital Age Literacy
  - Basic, scientific, economic and technological literacy
  - Visual literacy and information literacy
  - Multicultural literacy and global awareness


Exploring Learning Goals for the 21st Century

The following learning goals listings represent the attempts of a variety of thoughtful and successful schools, school networks, and educational organizations to identify the learning goals and skills that are most important for preparing today's students for success in life, work and post-secondary study. As you look through them, think about which 21st century learning goals you find most meaningful for your students and why.

Bloom's Taxonomy
- Knowledge
- Comprehension
- Application
- Analysis
- Synthesis
- Evaluation

Partnership for 21st Century Skills
- Critical Thinking
- Communication
- Collaboration
- Creativity

NCREL – North Central Regional Education Laboratory
- Digital Age Literacy
  - Basic, scientific, economic and technological literacy
  - Visual literacy and information literacy
  - Multicultural literacy and global awareness
- Inventive Thinking
  - Adaptability and managing complexity
  - Self-direction
  - Curiosity, creativity, and risk taking
  - Higher-order thinking and sound reasoning
- Effective Communication
  - Teaming, collaboration and interpersonal skills
  - Self-direction
  - Personal, social, and civic responsibility
  - Interactive communication
- High Productivity
  - Prioritizing, planning and managing for results
  - Effective use of real-world tools
  - Ability to produce relevant, high-quality products

Wagner: Seven 21st Century Skills
- Critical Thinking and problem solving
- Collaboration and leadership
- Agility and adaptability
- Initiative and entrepreneurship
- Effective written and oral communication
- Accessing and analyzing information
- Curiosity and imagination

New Tech Network
- Technology Literacy
- Citizenship and Ethics
- Critical Thinking
- Career Preparation
- Collaboration
- Written Communication
- Oral Communication
- Curricular Literacy

Coalition of Essential Schools Habits of Mind
- Perspective
- Analysis
- Imagination
- Empathy
- Communication
- Commitment
- Humility
- Joy

National Association for Independent Schools
- Analytical and creative thinking and problem solving
- Complete communication - oral and written
- Leadership and teamwork
- Digital and quantitative literacy
- Global perspective
- Adaptability, initiative and risk taking
- Integrity and ethical decision making

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11 | Page

Academic Expectations

Students at Lexington High School will…

- **Write clearly** and effectively, producing work that is informative, well organized, and appropriate to its purpose and audience.
- **Read and comprehend varied materials** and be able to interpret and apply what they have read.
- **Listen actively** and respond to communications through inquiry, discussion, writing, and various forms of art.
- **Speak clearly and effectively** in a variety of contexts including academic discourse and oral presentations.
- **Gather data and critically evaluate** their content, source, and relevance
- **Reason logically**, using appropriate qualitative or quantitative methods, and use their analysis to answer questions and to solve problems.
- **Employ technology to gather**, organize, and communicate information, to create and share visual images, and to investigate and solve problems.
- **Demonstrate an understanding of the political, social, cultural, and scientific contexts** of knowledge.
- **Demonstrate practical applications** of knowledge.
- **Demonstrate awareness of aesthetic principles** such as theme, motif, pattern, and symmetry.

In Your Small Groups (30 min)

1. Review learning goals handouts individually (5-7 min)
2. Share the one's your think are most important (2 min each)
3. Create a collective learning goals list of your top 6-10 learning goals (20 min)
4. Finalize your list and give it a title. Imagine it will be posted in every LHS classroom (5 min)

3

LEXINGTON
HIGH SCHOOL

Q & A