

# 2014 Exhibition of School Planning and Architecture

## Ridgeview High School

Redmond School District

Redmond, Oregon

# Ridgeview High School



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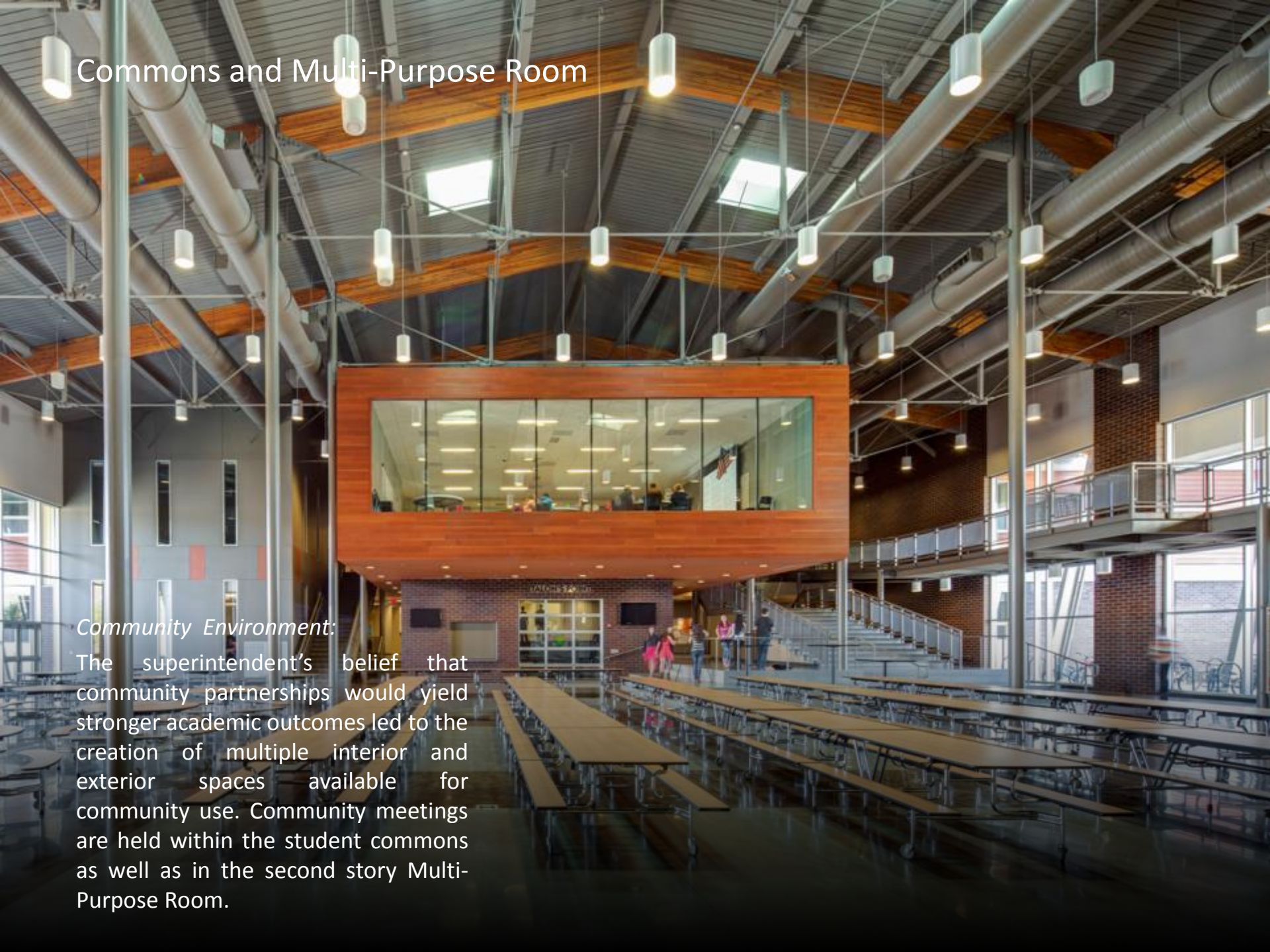
Site Diagram:  
*Community and Collaboration*



## Commons and Multi-Purpose Room

### *Community Environment:*

The superintendent's belief that community partnerships would yield stronger academic outcomes led to the creation of multiple interior and exterior spaces available for community use. Community meetings are held within the student commons as well as in the second story Multi-Purpose Room.





## Main Gymnasium

### *Community Environment:*

The gymnasium enjoys frequent community use while the theater is often leased by visiting performers for productions when not used by students.



## Auxiliary Gymnasium

### *Community Environment:*

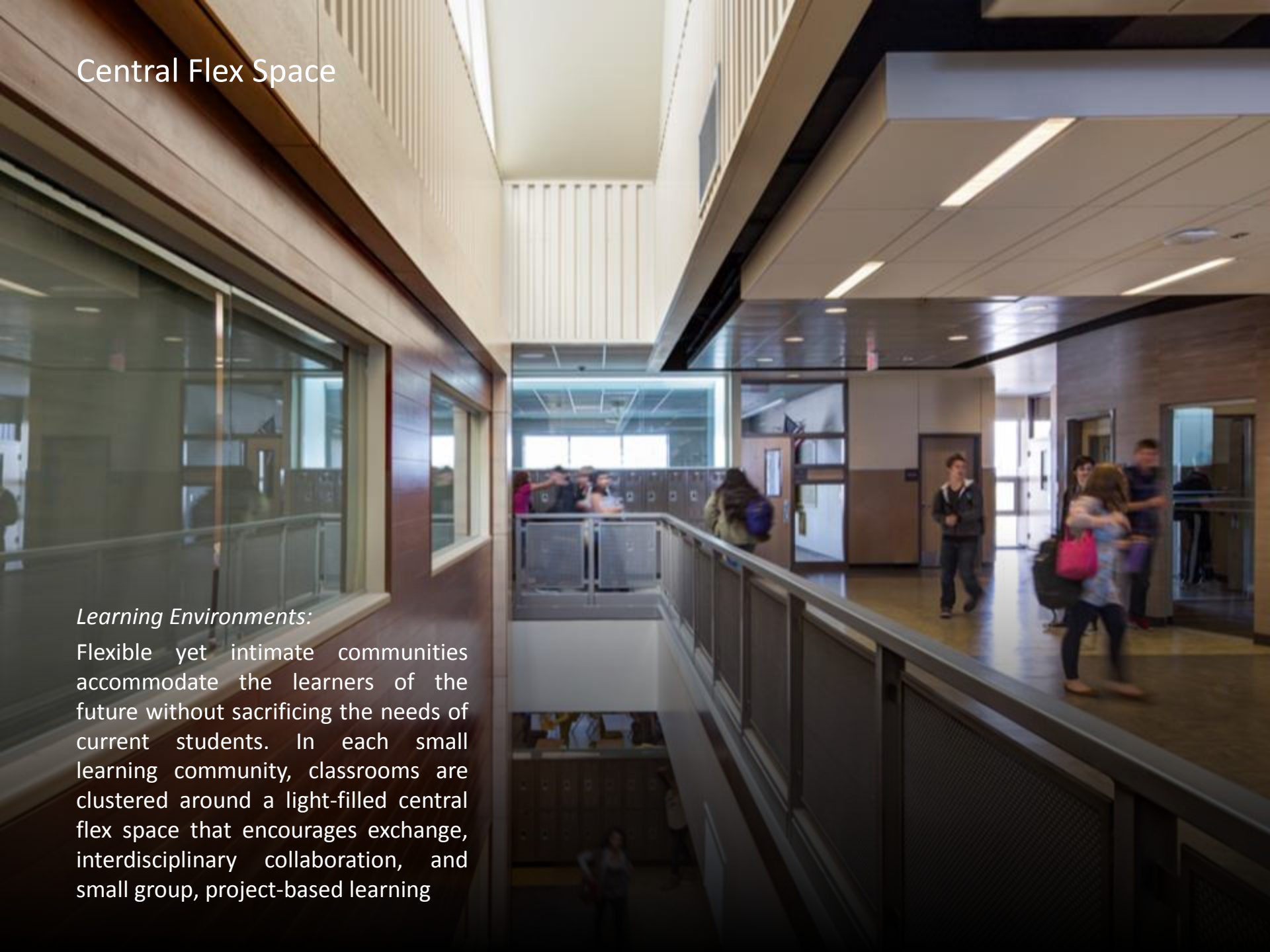
Large open spaces such as the Auxiliary Gymnasium provide additional flexible, light filled spaces for various community uses.



## Central Flex Space

### *Learning Environments:*

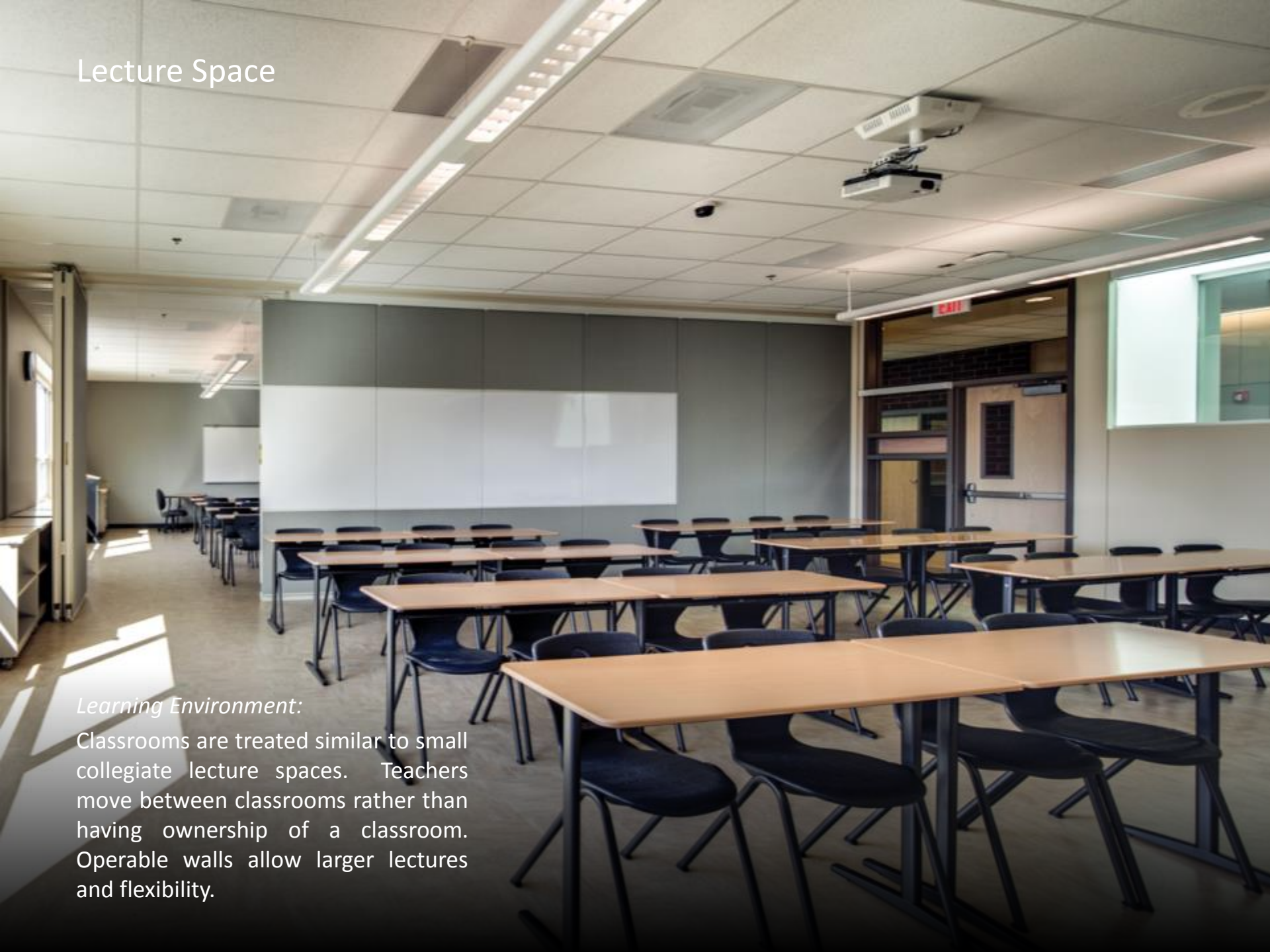
Flexible yet intimate communities accommodate the learners of the future without sacrificing the needs of current students. In each small learning community, classrooms are clustered around a light-filled central flex space that encourages exchange, interdisciplinary collaboration, and small group, project-based learning



## Lecture Space

### *Learning Environment:*

Classrooms are treated similar to small collegiate lecture spaces. Teachers move between classrooms rather than having ownership of a classroom. Operable walls allow larger lectures and flexibility.





# Culinary Laboratories


## *Learning Environments:*

A variety of formal and informal environments augment traditional learning spaces to encourage a spirit of collaboration, exploration, and engagement in all students.





# Engineering Project Laboratories

The image shows a spacious, modern engineering project laboratory. The ceiling is high, featuring exposed wooden beams and a complex network of metal pipes, conduits, and lighting fixtures. Large windows along the right side of the room provide ample natural light. Several students are working at long, dark wooden tables. One student is standing and looking at a table, while others are sitting or kneeling, focused on their work. The floor is polished and reflective. The overall atmosphere is one of a professional, collaborative learning environment.

## *Learning Environments:*

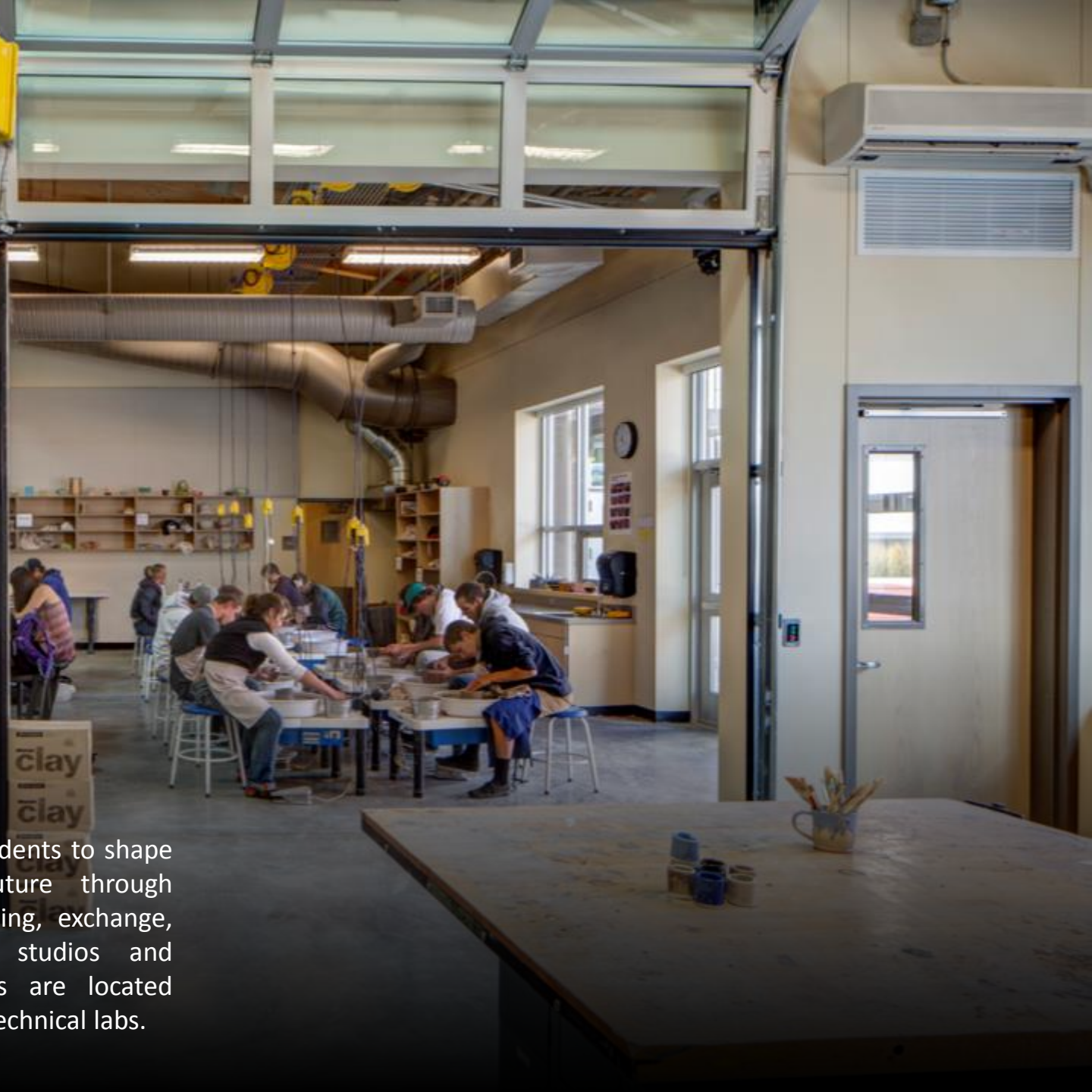
Large, flexible project-based spaces provide daylighting and infrastructure distribution to allow a wide range of investigations and technologies.



## Ceramic Studio

### *Learning Environment:*

In order to position students to shape their community's future through cross disciplinary learning, exchange, and innovation, art studios and advanced science labs are located adjacent to the career technical labs.

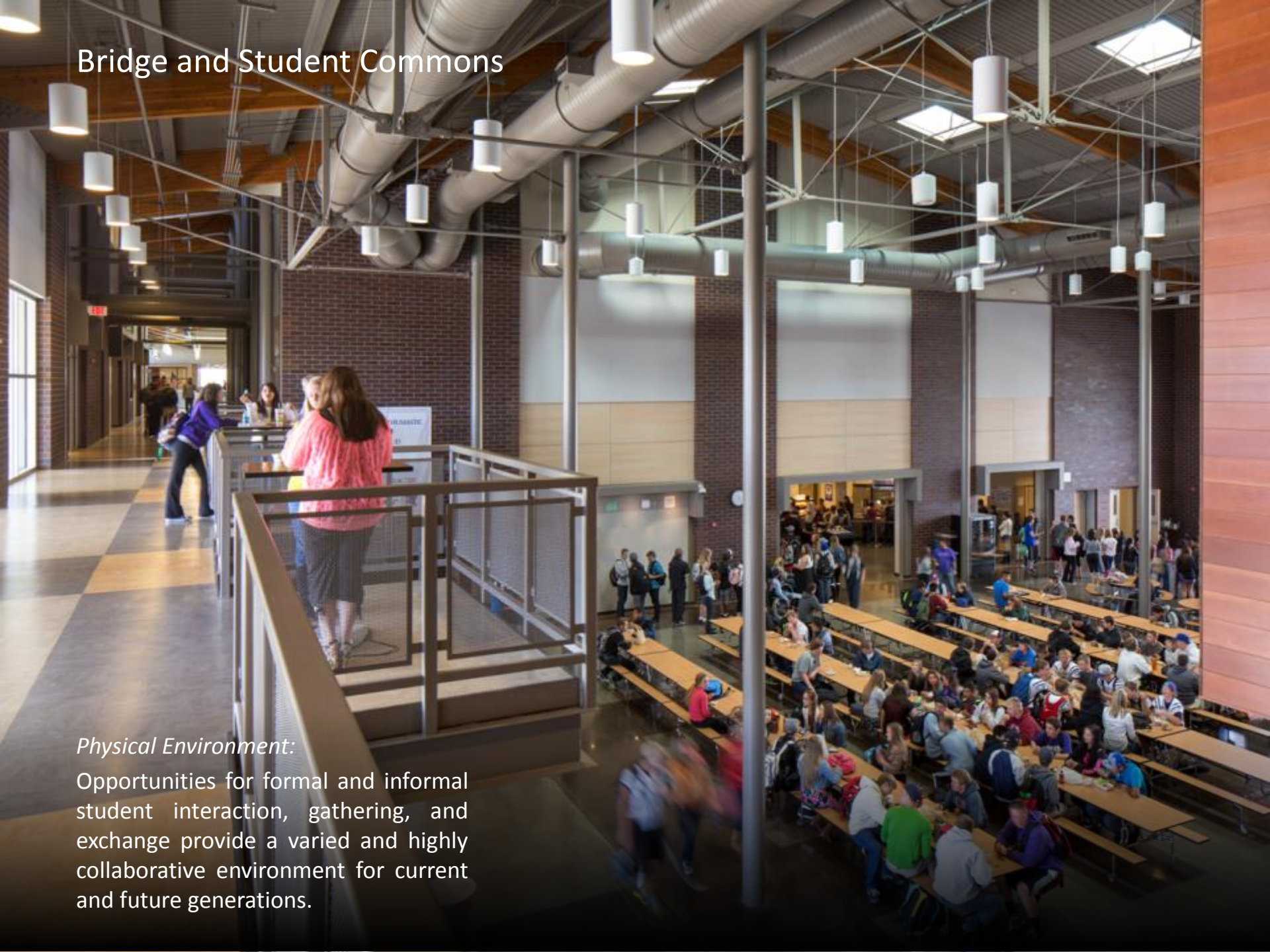




## Bridge and Student Commons

### *Physical Environment:*

Opportunities for formal and informal student interaction, gathering, and exchange provide a varied and highly collaborative environment for current and future generations.





## Connective Spaces

### *Physical Environment:*

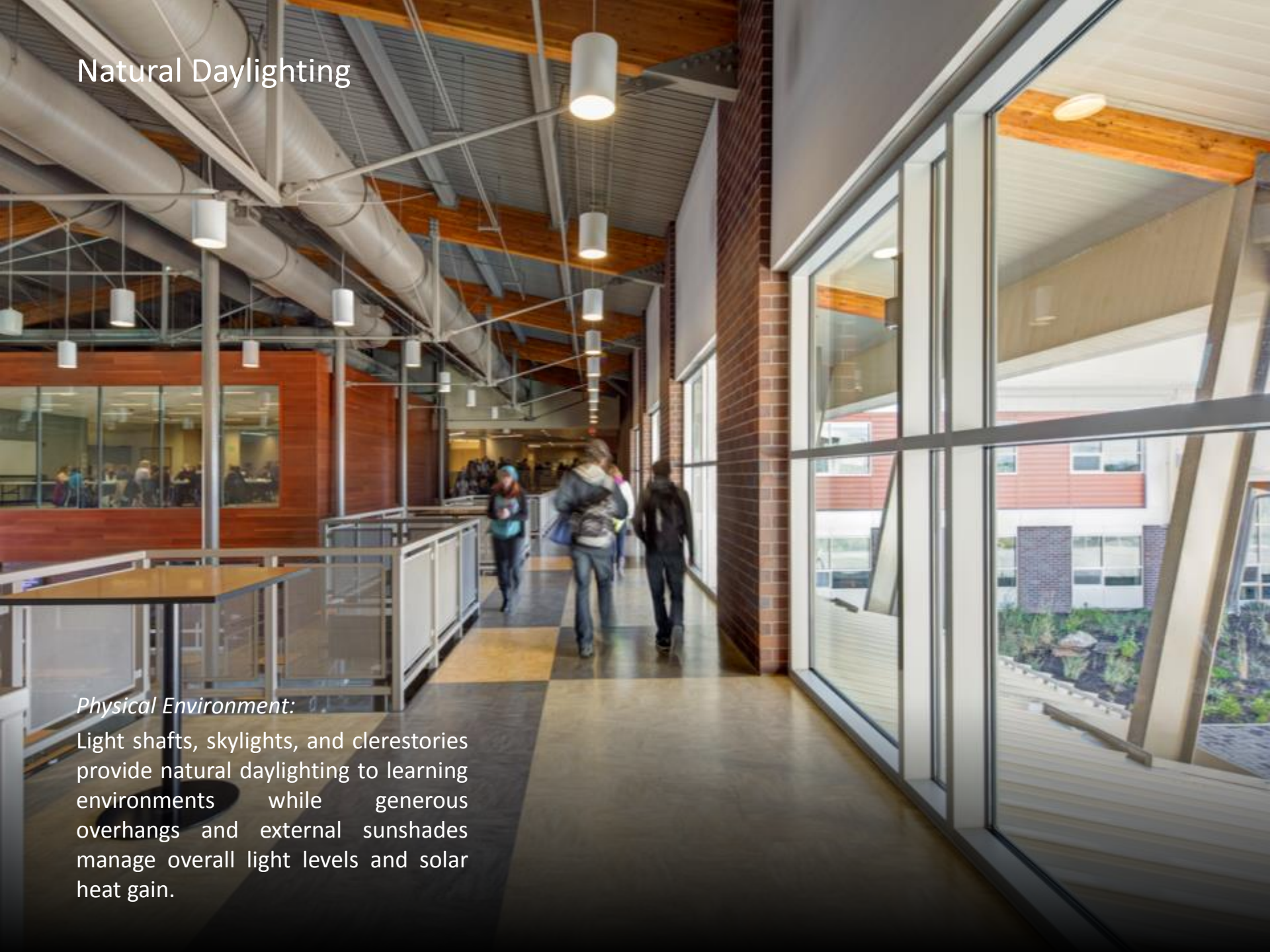
Corridors and circulation paths are highly connected physically, visually, and functionally to designated learning spaces ensuring that all spaces facilitate learning.



## Natural Daylighting

### *Physical Environment:*

Light shafts, skylights, and clerestories provide natural daylighting to learning environments while generous overhangs and external sunshades manage overall light levels and solar heat gain.





# Environmental Control



## *Physical Environment:*

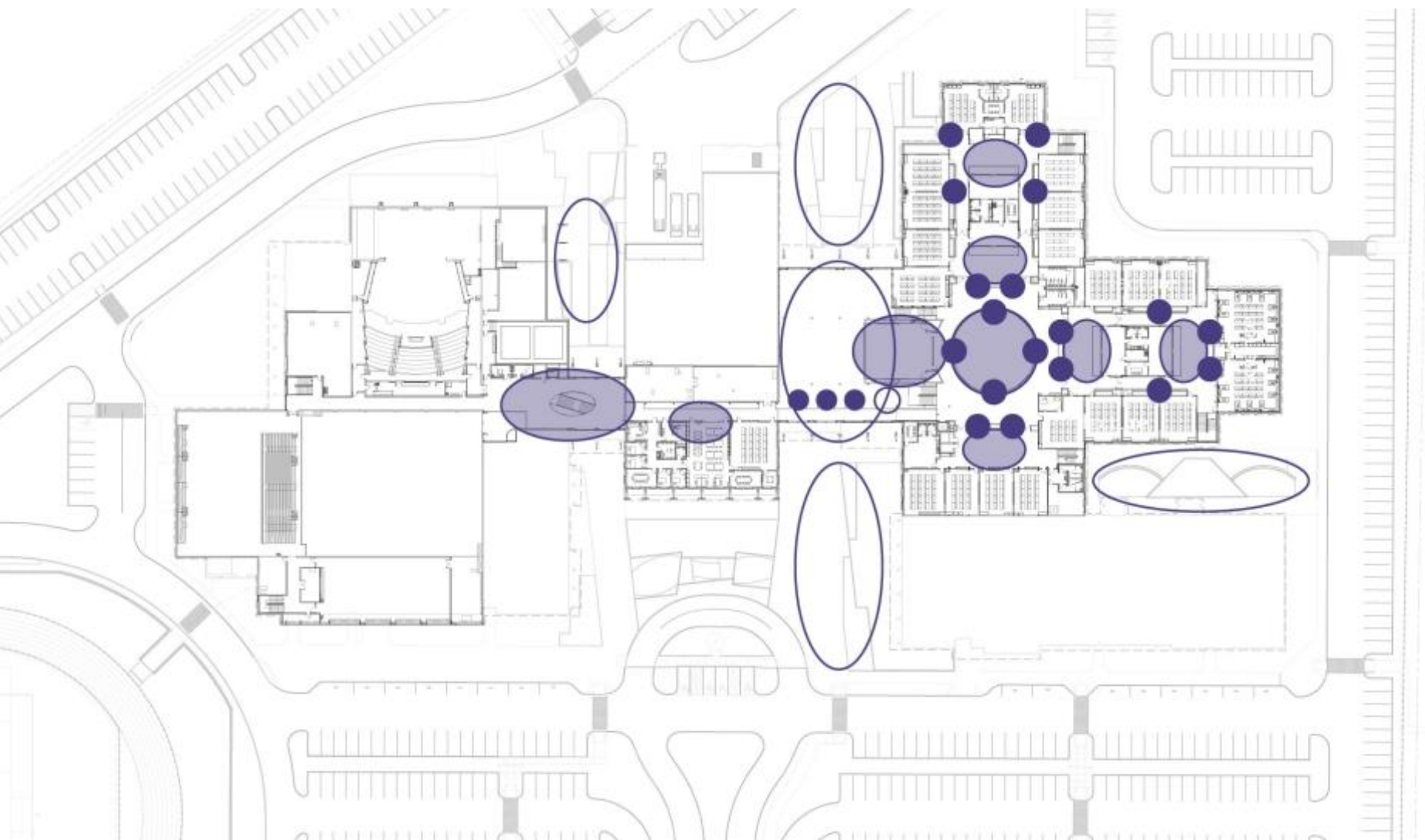
Concrete tilt-up walls serve as a heat sink, helping to moderate swings in outside temperatures. Additionally, a highly energy efficient variable refrigerant volume mechanical system and an active solar PV array contributed to the School's LEED Gold Certification.



First Floor Plan Diagram:  
*Community and Collaboration*







Second Floor Plan Diagram:  
*Collaboration and Exchange*





### *Planning Process:*

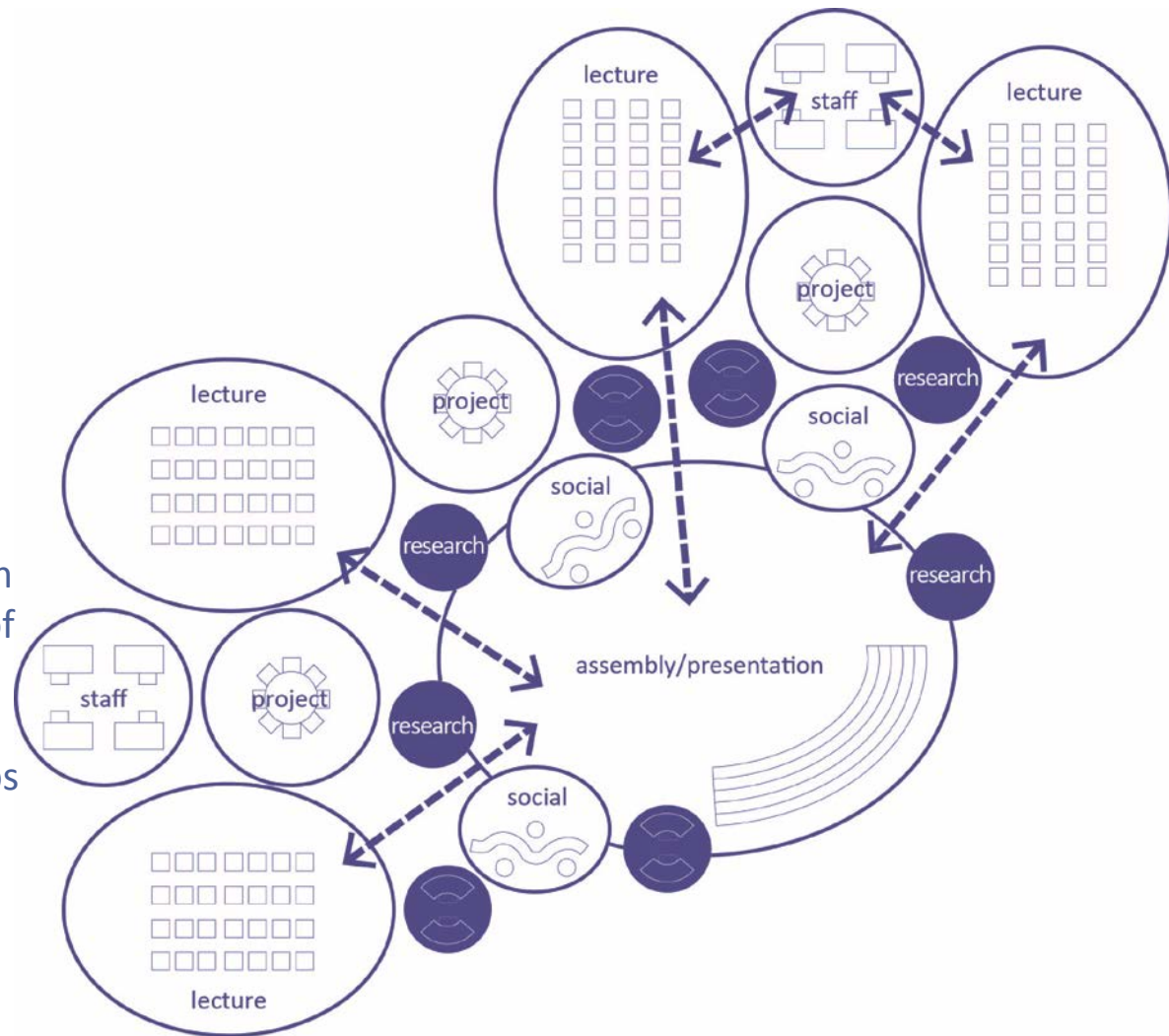
A diverse group of stakeholders, engaged throughout the design process, maintained strong community support and allowed for widespread ownership of the design. A Steering Committee comprised of school staff, parents, students, and district personnel ensured alignment with the district's vision for innovation in education. Multiple community conversations ensured open input throughout the process.



### *Planning Process:*

Crucial to the design were several guiding principles: adaptability of spaces, access to technology, opportunities for collaboration, an environment promoting a sense of community, a strong element of sustainable design, and opportunities to form partnerships with a variety of community organizations.

Adaptable learning spaces are clustered to encourage interdisciplinary learning and small group, project-based learning.



# Ridgeview High School - Project Data

Submitting Firm :	Dull Olson Weekes-IBI Group Architects, Inc.
Project Role	Architect
Project Contact	Steve Olson, AIA
Title	Principal
Address	907 SW Stark Street
City, State or Province, Country	Portland, OR 97205
Phone	503-226-6950
Joint Partner Firm:	
Project Role	
Project Contact	
Title	
Address	
City, State or Province, Country	
Phone	
Other Firm:	
Project Role	
Project Contact	
Title	
Address	
City, State or Province, Country	
Phone	
Construction Firm:	Skanska USA Building, Inc.
Project Role	General Contractor
Project Contact	John Williamson
Title	Senior Project Manager
Address	777 NW Wall Street, Suite 300
City, State or Province, Country	Bend, OR 97701
Phone	541-504-9525



# Ridgeview High School - Project Data

Project Name	Ridgeview High School
City	Redmond
State	Oregon
District Name	Redmond School District
Supt/President	Mike McIntosh
Occupancy Date	September 2012
Grades Housed	9-12
Capacity(Students)	1400
Site Size (acres)	51.88 acres
Gross Area (sq. ft.)	276,000
Per Occupant(pupil)	197 sf
gross/net please indicate	
Design and Build?	CMGC
If yes, Total Cost:	
Includes:	
If no,	
Site Development:	\$9 million
Building Construction:	\$64 million
Fixed Equipment:	
Other:	
Total:	\$73 million