



KRAUS-ANDERSON®

School Board Update

Bond Referendum Projects

May 18, 2020





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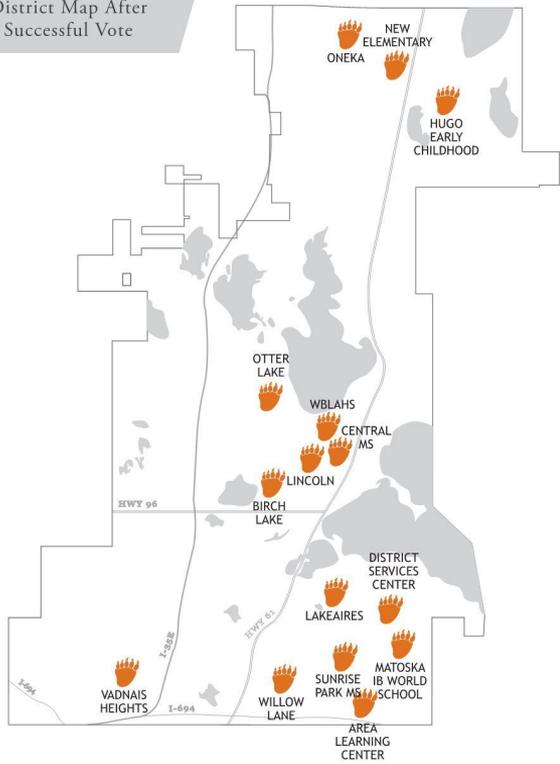
Referendum Projects Scope and Timeline

Referendum Projects Scope



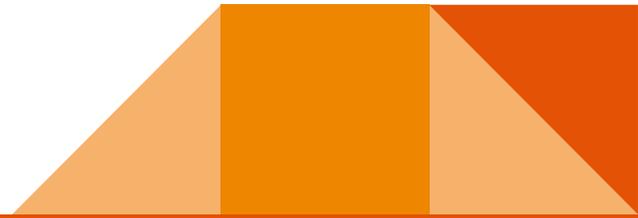
WHITE BEAR LAKE AREA SCHOOLS

District Map After Successful Vote



- BIRCH LAKE ELEMENTARY**
 - Add extended day office, conference room, one new classroom
 - Updated classrooms and media center, safety/security upgrades
- LAKEAIRES ELEMENTARY**
 - Add orchestra room and freezer
 - Updated classrooms and media center, safety/security upgrades
- LINCOLN ELEMENTARY**
 - Add full size gymnasium, conference room, extended day office and cooler
 - Updated classrooms and media center, safety/security upgrades
- MATOSKA ELEMENTARY**
 - Add freezer, specialist room, extended day office, EL room
 - Updated classrooms and media center, safety/security upgrades
- ONEKA ELEMENTARY**
 - Add 5 classrooms for capacity of 720 students
 - Updated classrooms and media center, safety/security upgrades
- OTTER LAKE ELEMENTARY**
 - Add 5 classrooms for capacity of 720 students
 - Updated classrooms and media center, safety/security upgrades
- VADNAIS HEIGHTS ELEMENTARY**
 - Add freezer, extended day office, orchestra room
 - Updated classrooms and media center, safety/security upgrades
- WILLOW LANE ELEMENTARY**
 - Add orchestra room and freezer
 - Updated classrooms and media center, safety/security upgrades
- NEW ELEMENTARY**
 - New elementary school for 720 students (new site)
- CENTRAL MIDDLE SCHOOL**
 - Renovate District Office to create additional classroom space
 - Updated classrooms and media center, safety/security upgrades
- SUNRISE PARK MIDDLE SCHOOL (FORMER SOUTH CAMPUS)**
 - Addition/renovation to become a grades 6-8 MS, including additional gymnasium
 - Updated classrooms and media center, safety/security upgrades
- WBLAHS NORTH CAMPUS**
 - Addition / renovation to become single site grades 9-12 HS
 - Updated classrooms and media center, safety/security upgrades
- AREA LEARNING CENTER**
 - Kitchen improvements and renovations to create secure vestibule
 - Updated classrooms and media center, safety/security upgrades
- HUGO EARLY CHILDHOOD CENTER**
 - Convert for use as North Early Childhood Center
- DISTRICT SERVICES CENTER (FORMER SUNRISE PARK)**
 - Renovation to convert for use as South Early Childhood Center, District Office, Senior Center, and Transition Education Center
- TRANSPORTATION / MAINTENANCE FACILITY**
 - New transportation / maintenance facility (Location TBD)

- District-wide additions and renovations to accommodate projected enrollment growth
- Safety and security improvements
- Deferred maintenance projects
- Classroom and building updates to create flexible learning spaces



Referendum Projects Scope

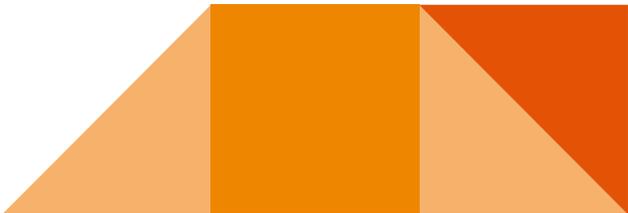
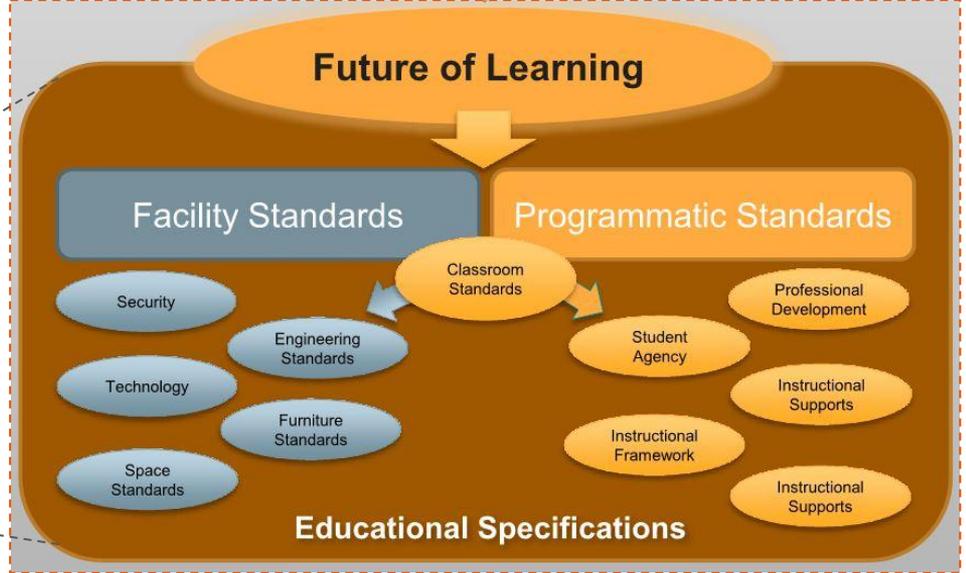
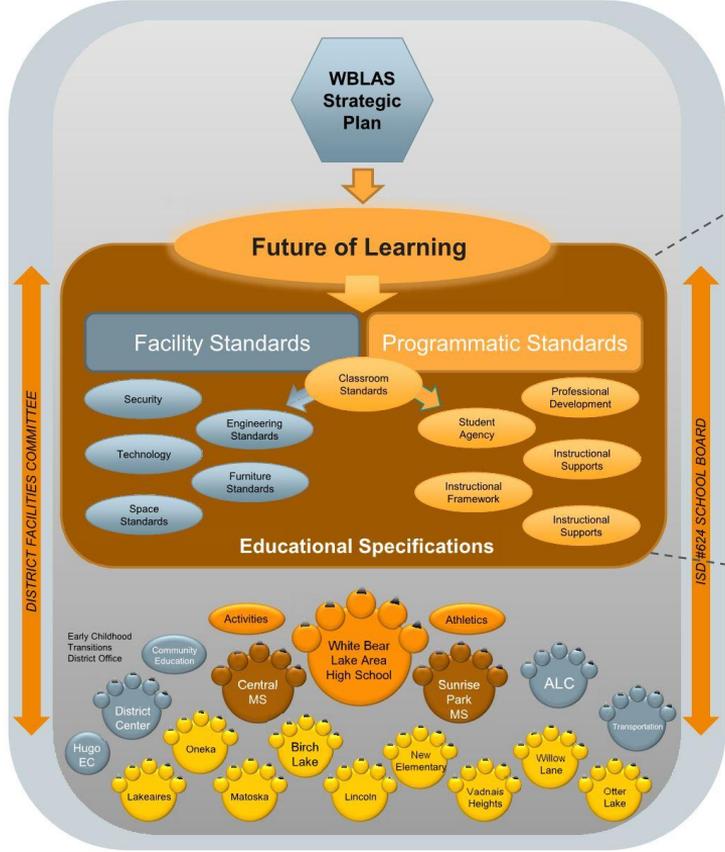


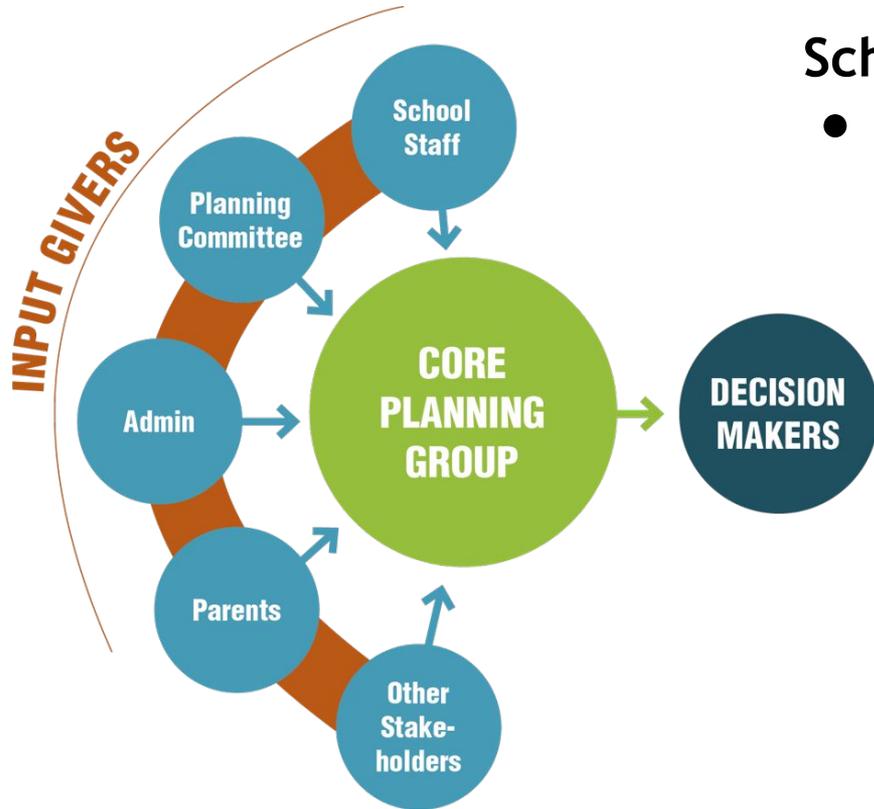
- District-wide **additions and renovations** to accommodate projected enrollment growth
- **Safety and security** improvements and **deferred maintenance projects** at all district facilities
- A **new K-5 elementary** school being built in Hugo
- Oneka becoming a K-5 elementary and Hugo Elementary becoming a **northern Early Childhood location**
- The current North Campus receiving an addition to allow it to become the site of a **single 9-12 high school building**
- **Sunrise Park Middle School moving** to the current South Campus location
- The current Sunrise Park Middle School becoming the **site for the Senior Center and Early Childhood programs** currently housed at Normandy Park, the **Transition Education Center** (currently located in leased space in Hugo), and the district office
- **Central Middle School expanding** to take over the current District Center building
- district-wide classroom and building updates to create **flexible learning spaces**



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Design Process and Projects Timeline





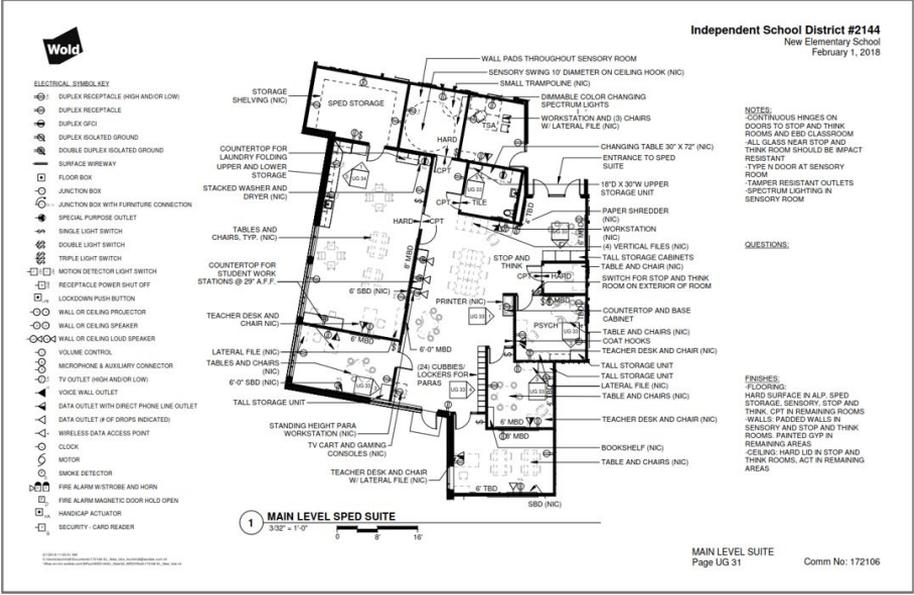
Schematic Design: Core Planning Groups

- Develop Core Planning Group for each individual building
 - Tours (Common Language)
 - Consensus on Criteria and Guiding Principles
 - Building a Common Diagram
 - Renderings / Visuals
 - Final Schematic Design

Design Process - User Groups

Design Development: User Group Process

- Involve Building Staff & Users in Details
- Every room impacted
- Builds ownership in the project
- No limit to number of meetings
- Detailed information for coordination



In the last

5

MONTHS

There have been

78

MEETINGS

Totaling about

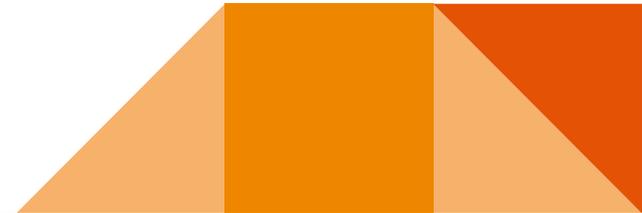
102

HOURS

And over

270

STAKEHOLDERS!



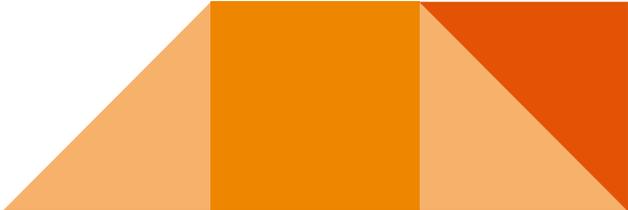
Future of Learning Committee

- Initial vision-setting: December 2019 - January 2020

New Elementary School

- Schematic Design (Core Planning Group): late January 2020 - April 2020
- Design (User Groups): April 2020 - November 2020
- Bidding / Construction Starts: early 2021
- Opens Fall 2022

White Bear Lake Area High School

- Schematic Design (Core Planning Group): late January 2020 - May 2020
 - Design Development (User Groups): June 2020 - February 2021
 - Bidding / Construction Starts: Spring 2021
 - Opens in phases over the next 4 years
- 
- A decorative graphic at the bottom right of the slide, consisting of three overlapping triangles in shades of orange and yellow.

Phase I Elementary Schools (Lincoln, Matoska, Vadnais Heights, Willow Lane)

- Schematic Design (Core Planning Group): April 2020 - May 2020
- Design (User Groups): May 2020 - September 2020
- Bidding / Construction Starts: Fall 2020
- Open Fall 2021

Transportation Building

- Schematic Design (Core Planning Group): April 2020 - May 2020
- Design (User Groups): May 2020 - July 2020
- Bidding / Construction Starts: August 2020
- Open July 2021

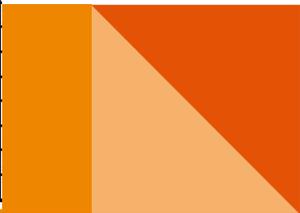


Referendum Projects Timeline



- Design Phase
- Bidding Phase
- Construction Phase

| Site | 2020 | | | | | | | | | | | | 2021 | | | | | | | | | | | | 2022 | | | | | | | | | | | | 2023 | | | | | | | | | | | | 2024 | | | | | | | | | | | | 2025 | | | | | | | | | | | |
|----------------------------|------|---|---|---|---|---|---|---|---|---|---|---|------|---|---|---|---|---|---|---|---|---|---|---|------|---|---|---|---|---|---|---|---|---|---|---|------|---|---|---|---|---|---|---|---|---|---|---|------|---|---|---|---|---|---|---|---|---|---|---|------|---|---|---|---|---|---|---|---|---|---|---|
| | J | F | M | A | M | J | J | A | S | O | N | D | J | F | M | A | M | J | J | A | S | O | N | D | J | F | M | A | M | J | J | A | S | O | N | D | J | F | M | A | M | J | J | A | S | O | N | D | J | F | M | A | M | J | J | A | S | O | N | D | J | F | M | A | M | J | J | A | S | O | N | D |
| North Campus - New | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| North Campus - Renovation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bus Garage | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| New Elementary | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Birch Lake Elementary | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hugo (EC) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lakeaires Elementary | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lincoln Elementary | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Matoska Elementary | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Oneka Elementary | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Otter Lake Elementary | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vadnais Heights Elementary | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Willow Lane Elementary | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sunrise Park | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Central Middle School | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| South Campus | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| South Campus Gym | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ALC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |





KRAUS-ANDERSON®

Phase I Elementary Schools

Lincoln Elementary

Matoska International Elementary

Willow Lane Elementary

Vadnais Heights Elementary



WBL White Bear Lake
Area Schools



LINCOLN ELEMENTARY



White Bear Lake
Area Schools

LINCOLN CORE PLANNING GROUP

PROJECT SCOPE

- Gymnasium, Conference Room, Cooler and Extended Day Office addition
- Rearrange Parking for addition
- Media Center Renovation
- Renovate Small Gym to serve new purpose
- New Classroom and Media Furniture (future project)
- \$11.3M total project cost



White Bear Lake
Area Schools

LINCOLN CORE PLANNING GROUP

DRAFT CRITERIA

- The new and renovated spaces should include natural light where possible, good indoor air quality, and be acoustically controlled.
- The Staff Lounge should be large enough for 10-15 people to eat, socialize and meet.
- The current Receiving Area is on-grade and problematic. If a new loading dock is created, it should be elevated.
- The Media Center should be flexible and provide the ability for multiple groups to work at one time.
- Groups are transitioning through the Media Center frequently. Being able to reconfigure the room rapidly would be beneficial.
- Access to additional bathrooms desired.
- The multi-purpose lab should be large enough for a full class (25-30 students) and be flexible for different uses.
- Spaces for small group is lacking in the building. The design should incorporate it wherever possible.



White Bear Lake
Area Schools

LINCOLN CORE PLANNING GROUP

DRAFT CRITERIA

- A space large enough to hold all students, staff and parents for gathering and performances was requested. (Size? Functions? How Often?)
 - All-school assemblies (~450+50 staff, sometimes a few rows of chairs for parents if recognition ceremony, etc)
 - Staff skits
 - Small group assemblies
 - Large celebrations - readathon goal accomplishments
 - Ability to easily project
 - Community use - ex. entire group then break out into smaller packs
 - Plays (do practice at District auditorium)
- The new conference room should be large enough to hold 10-15 people.
- Flexibility of the cafeteria to serve many uses and purposes. The space should be inviting for use at lunchtime.
- The remodel of the Small Gym should include a space for orchestra. This space should be designed for multiple uses.



White Bear Lake
Area Schools



MATOSKA ELEMENTARY



MATOSKA CORE PLANNING GROUP

PROJECT SCOPE

- Media Center Renovation
- Creation of Freezer, EL Room, Extended Day Office, and Specialist Room
- New Media Center and Classroom Furniture (Future)
- \$3.4M total project cost



White Bear Lake
Area Schools

MATOSKA CORE PLANNING GROUP

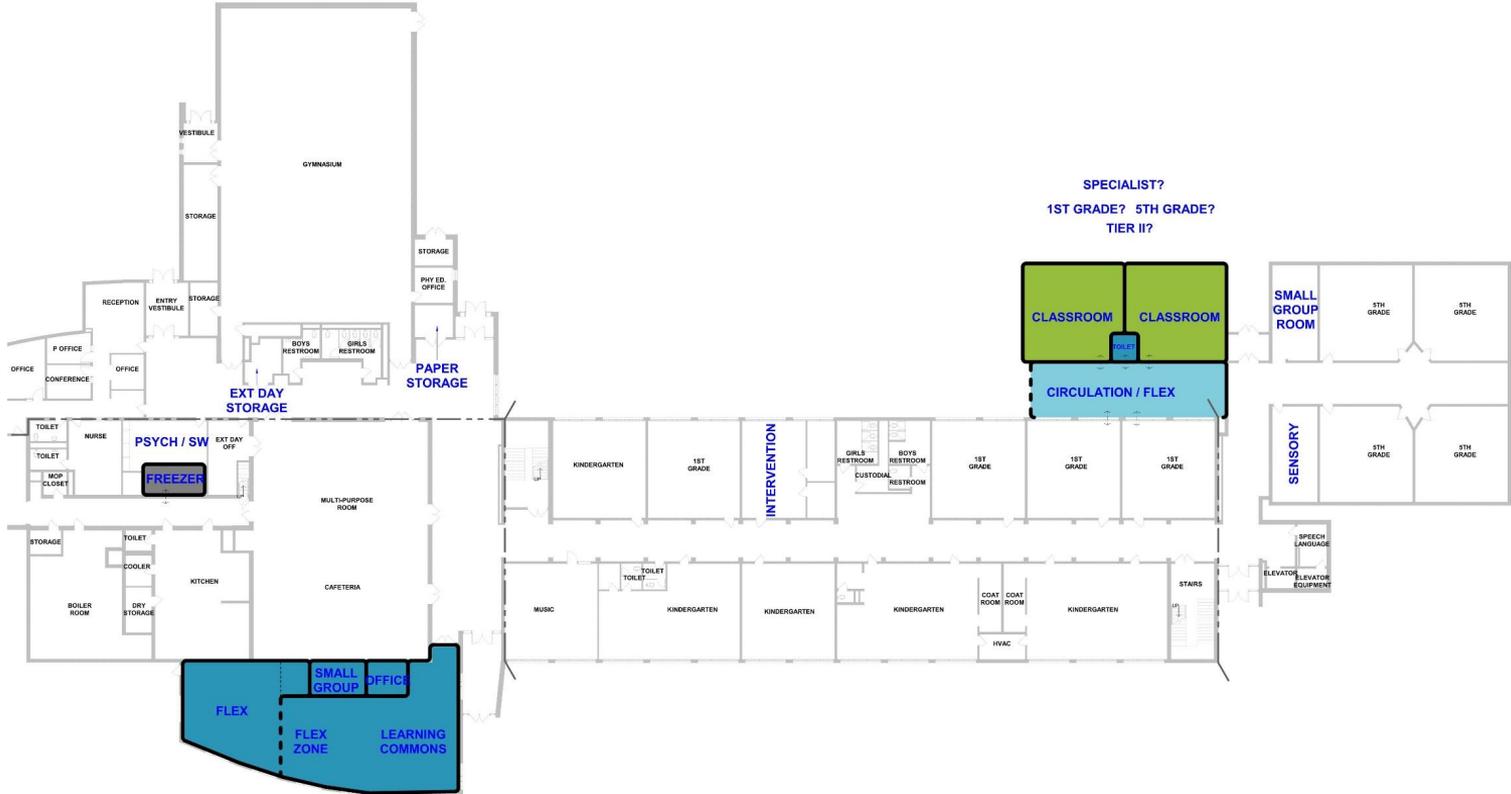
DRAFT CRITERIA

- The Learning Commons (Media Center) should be open, flexible and provide the ability for multiple users at the same time.
 - Mobile shelving to be used for media collection, to create more flexibility
 - Book collection should be able to be secured after hours to allow other uses of the space
- Learning commons should include provisions for Maker Space activities, space for students to get messy.
- The design should support students to learn in different ways.
- Spaces for small group spaces are lacking in the building. It should be incorporated wherever possible.



MATOSKA CORE PLANNING GROUP

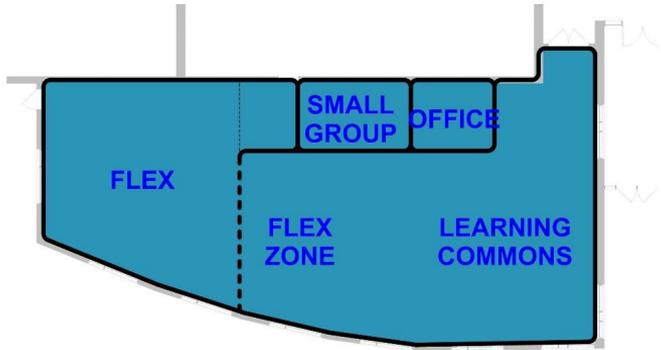
DRAFT DIAGRAM



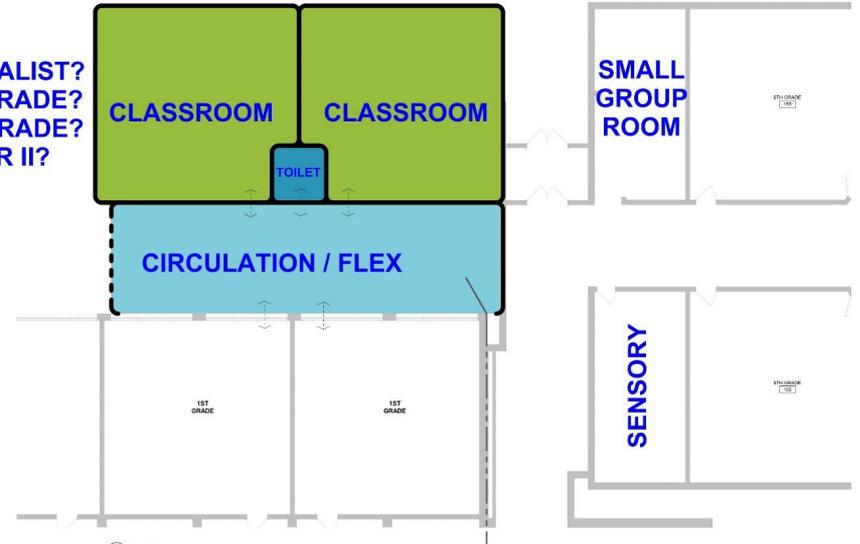


White Bear Lake
Area Schools

MATOSKA CORE PLANNING GROUP DRAFT DIAGRAM

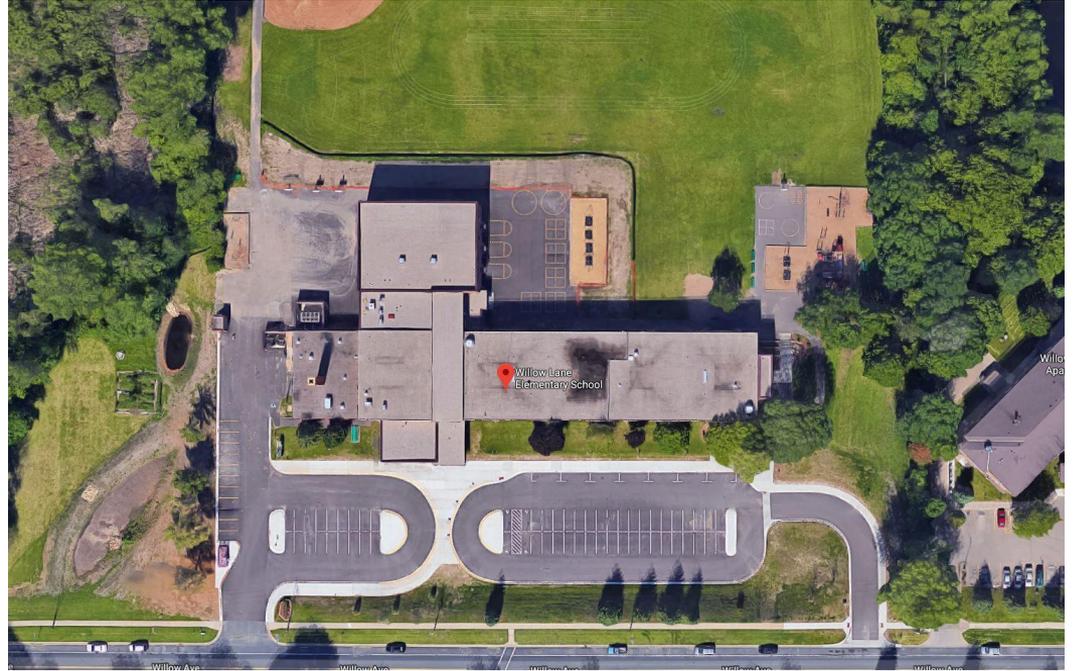


SPECIALIST?
1ST GRADE?
5TH GRADE?
TIER II?





WBL White Bear Lake
Area Schools



WILLOW LANE ELEMENTARY



White Bear Lake
Area Schools

WILLOW LANE CORE PLANNING GROUP

PROJECT SCOPE

- Media Center Renovation
- Creation of Freezer and Orchestra space
- New Media Center and Furniture (Future)
- \$2.8M total project cost



WILLOW LANE CORE PLANNING GROUP

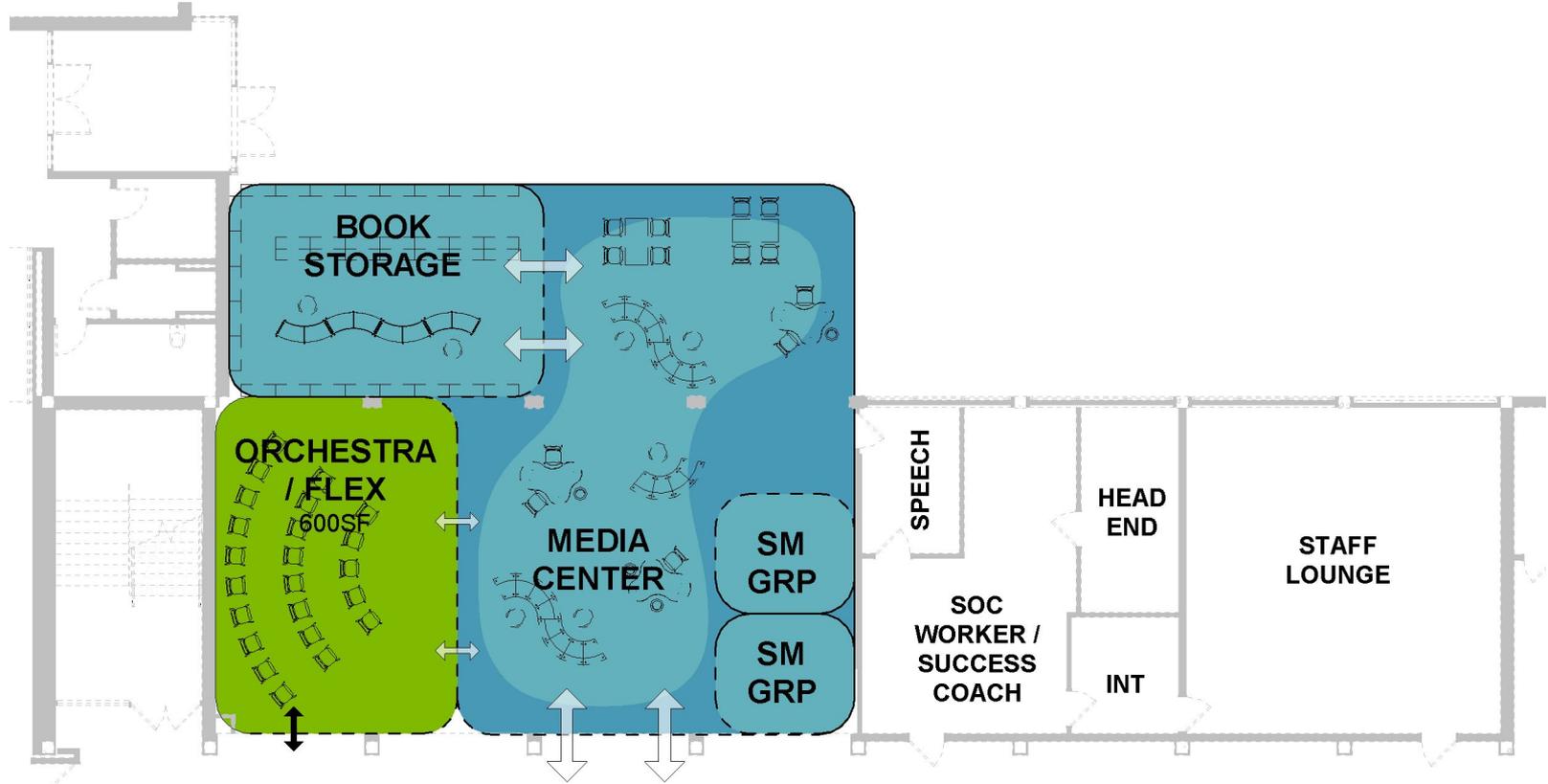
DRAFT CRITERIA

- The Learning Commons (Media Center) should be an inviting destination.
- The Learning Commons (Media Center) should be flexible and support multiple uses.
- Spaces for small groups are lacking in the building. It should be incorporated wherever possible.
- The Learning Commons (Media Center) should provide spaces for collaboration outside the classroom.
- The Learning Commons (Media Center) should be visually and physically open to the rest of the building.
 - The media collection should be able to be secured after hours.



White Bear Lake
Area Schools

WILLOW LANE CORE PLANNING GROUP DRAFT DIAGRAM





WBL White Bear Lake
Area Schools



VADNAIS HEIGHTS



White Bear Lake
Area Schools

VADNAIS HEIGHTS CORE PLANNING GROUP

PROJECT SCOPE

- Media Center Renovation
- Renovation for current EC room to extended day and Orchestra
- Creation of Freezer
- New Media and Classroom furniture (Future)
- \$2.9M total project cost



White Bear Lake
Area Schools

VADNAIS HEIGHTS CORE PLANNING GROUP

DRAFT CRITERIA

- The Learning Commons should be bright and welcoming.
- The Learning Commons should be flexible and provide the ability for multiple uses, including more than one use at a time.
- The ability to reconfigure the Learning Commons quickly is essential to support its many uses.
- (large group zone in Learning Commons)
- The Learning Commons needs to be able to house large ensembles of Orchestra until Early Childhood can move out.
- In general, storage is a challenge in the building. Better solutions for how and where building assets are stored is a priority.
- Any lost storage will need to be replaced.



White Bear Lake
Area Schools

VADNAIS HEIGHTS CORE PLANNING GROUP

DRAFT CRITERIA

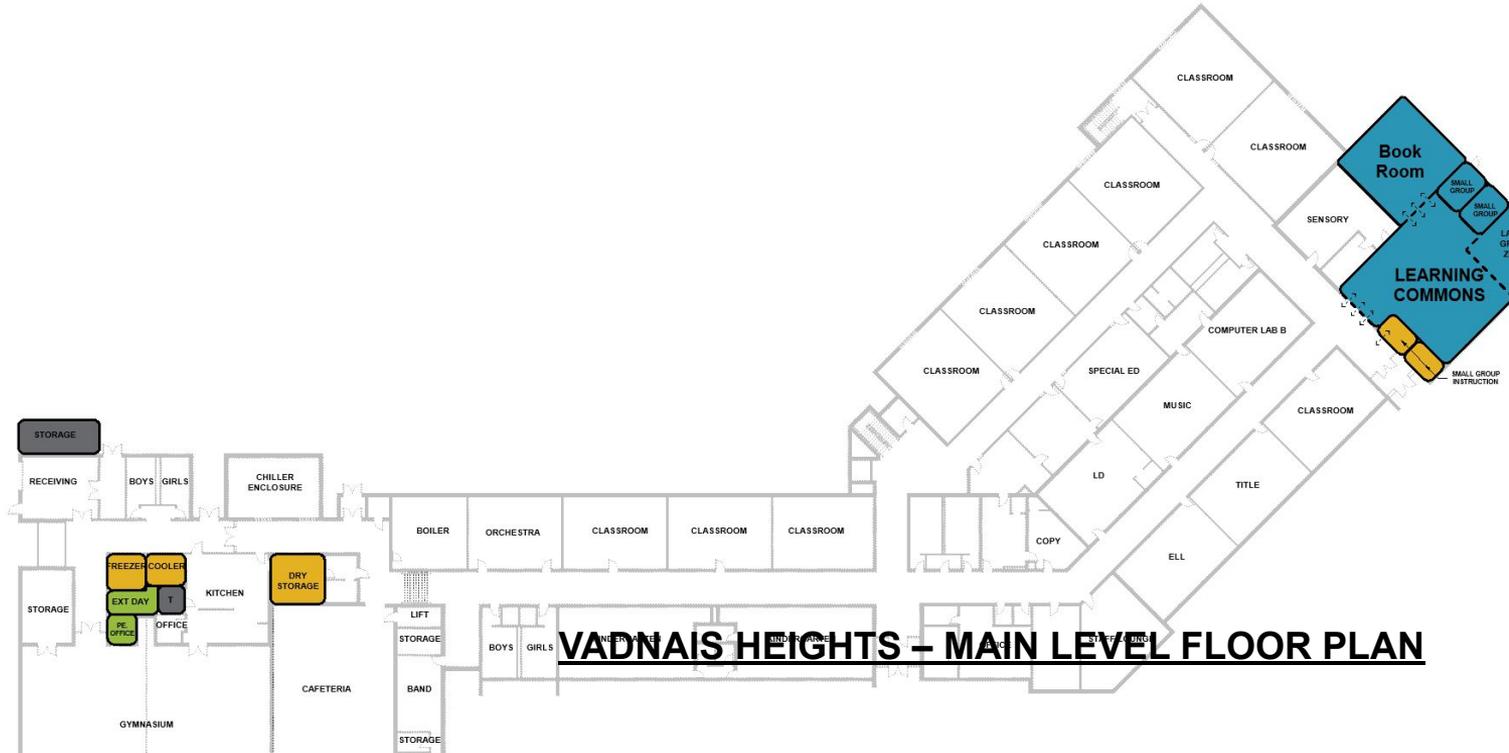
- Any lost storage will need to be replaced.
- Spaces for small groups are lacking in the building. It should be incorporated wherever possible.
- Extended Day storage should be on the same level as the Gymnasium and Cafeteria.
- Extended Day storage should not be housed in the table storage room.
- There should be two spaces for small group instruction within the Learning Commons, and at least one should have a door off the hallway.



White Bear Lake
Area Schools

VADNAIS HEIGHTS CORE PLANNING GROUP

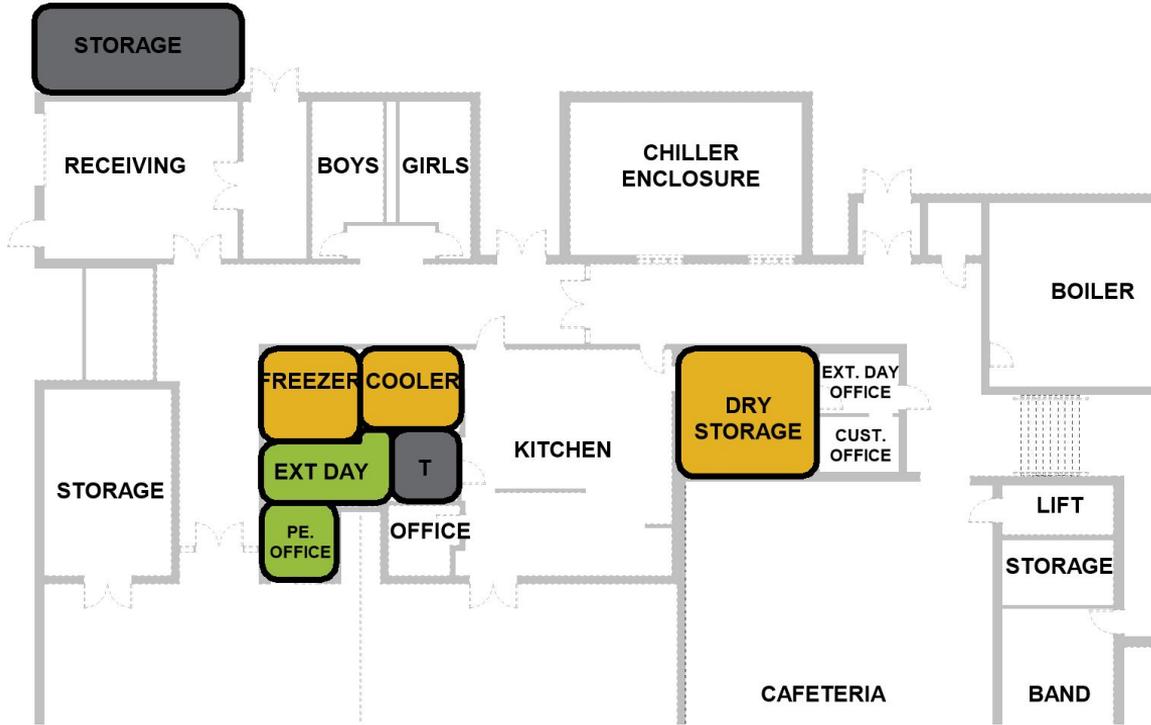
DRAFT DIAGRAM



VADNAIS HEIGHTS – MAIN LEVEL FLOOR PLAN



VADNAIS HEIGHTS CORE PLANNING GROUP DRAFT DIAGRAM



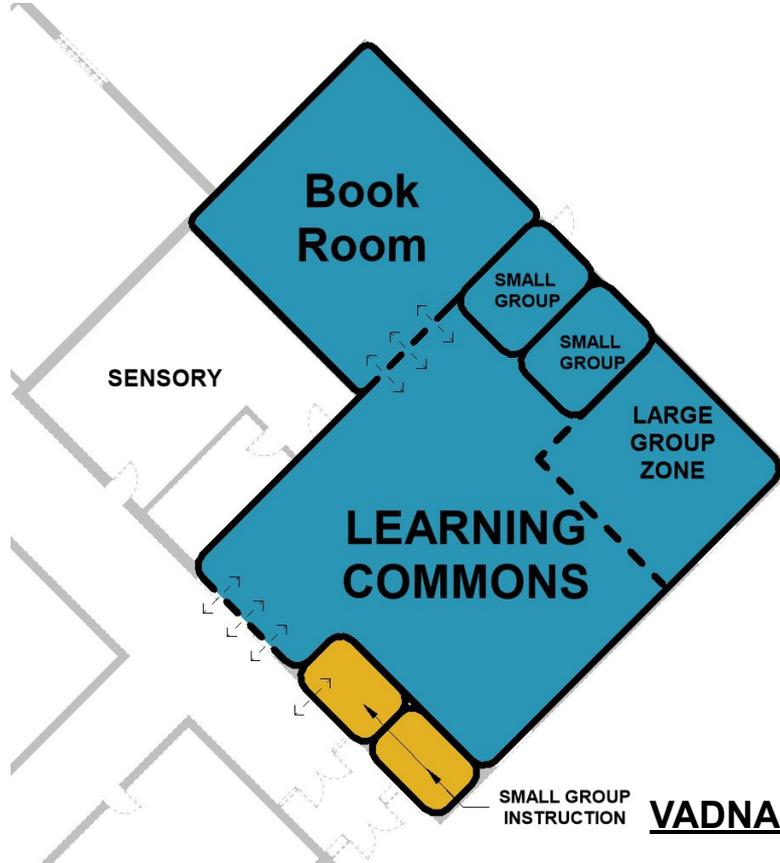
VADNAIS HEIGHTS – KITCHEN AND RECEIVING AREA



White Bear Lake
Area Schools

VADNAIS HEIGHTS CORE PLANNING GROUP

DRAFT DIAGRAM



VADNAIS HEIGHTS – MEDIA CENTER AREA



KRAUS-ANDERSON®

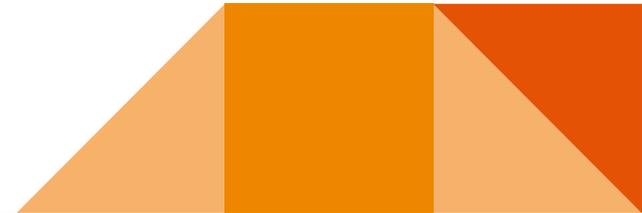
New Transportation Building

Project Scope:

- New facility to support transportation operations including office space, maintenance space, and bus parking

Schedule:

- Core Planning Group has met 3 times through April 2020
- Round 1 of User Group meetings completed, 4 different groups total
 - Another round of User Group meetings to be scheduled soon





White Bear Lake
Area Schools

TRANSPORTATION CORE PLANNING GROUP

DRAFT CRITERIA

- The experience for drivers should be separate from the main office employees. Drivers can check in with the main office via a security window.
- There can be some connection between the main office and the garage areas, but a lockdown point will be required in between.
- The maintenance bays are not to face Fenway.
- Busses need to circulate without using Fenway
- The Fuel Station should be accessible from both sides.
- 60 busses will need to be plugged-in during the winter.



TRANSPORTATION CORE PLANNING GROUP

DRAFT DIAGRAM

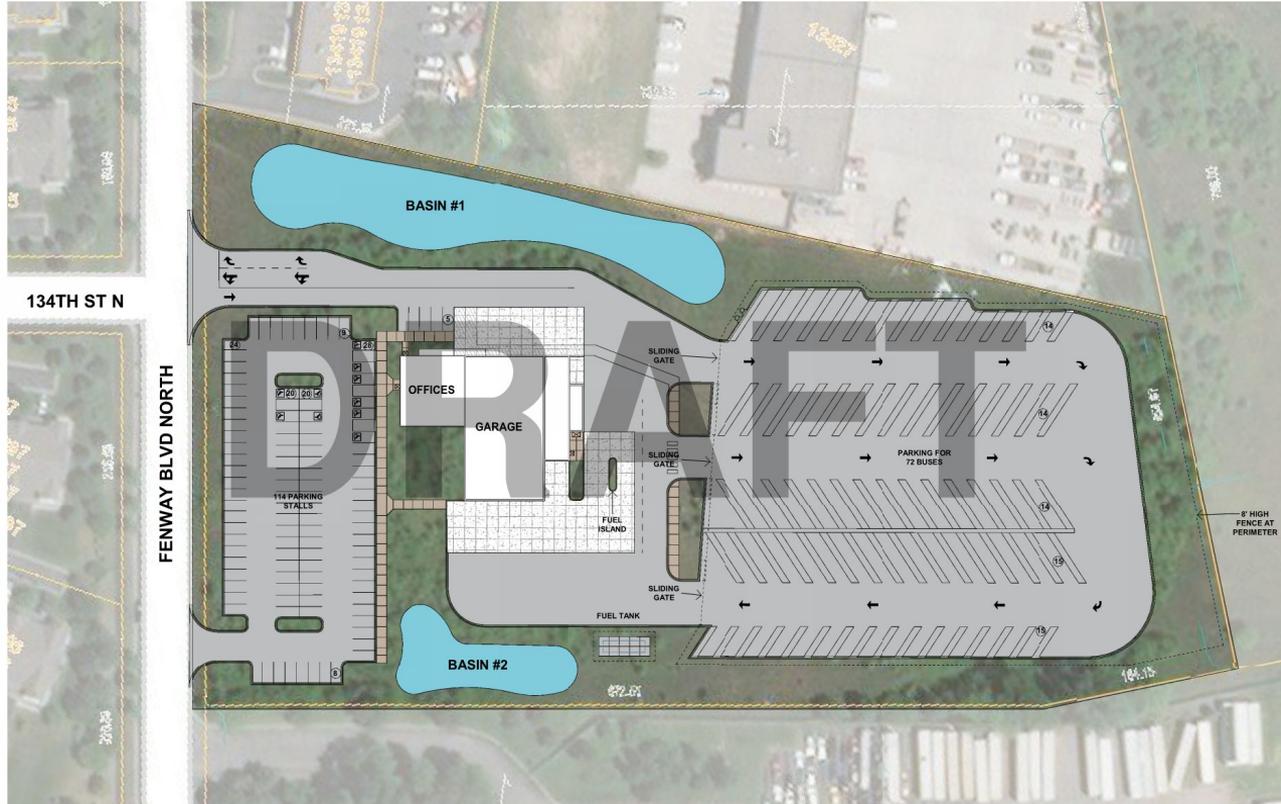




White Bear Lake
Area Schools

TRANSPORTATION CORE PLANNING GROUP

DRAFT DIAGRAM





KRAUS-ANDERSON®

New Elementary School

Project Scope:

- New elementary to create a comprehensive K-5 school in Hugo, MN
- New furniture
- 101,000 square foot building
- \$43,000,000 total project cost including building and on and off site improvements

Schedule:

- Core Planning Group has met 6 times through April 2020
- Round 1 of User Group meetings completed, 15 different groups total
 - Another round of User Group meetings likely end of May/early June



White Bear Lake
Area Schools

CORE PLANNING GROUP NEW ELEMENTARY SCHOOL

Design Inspiration





White Bear Lake
Area Schools

CORE PLANNING GROUP NEW ELEMENTARY SCHOOL

Design Inspiration

Blending of urban
and rural:

- Civic
- Natural
- Home
- Rural





White Bear Lake
Area Schools

CORE PLANNING GROUP NEW ELEMENTARY SCHOOL

Design Inspiration

“The best qualities of urban and rural living come together in the City of Hugo.

Hugo blends the comfort and energy of urban life with nature, outdoor recreation and small town community. This makes Hugo a sought after destination for families, professionals, and outdoor enthusiasts to call home.”





CORE PLANNING GROUP NEW ELEMENTARY SCHOOL

Design Inspiration

Blending of urban and rural:

- Civic
- Natural
- Home
- Rural





White Bear Lake
Area Schools

CORE PLANNING GROUP NEW ELEMENTARY SCHOOL



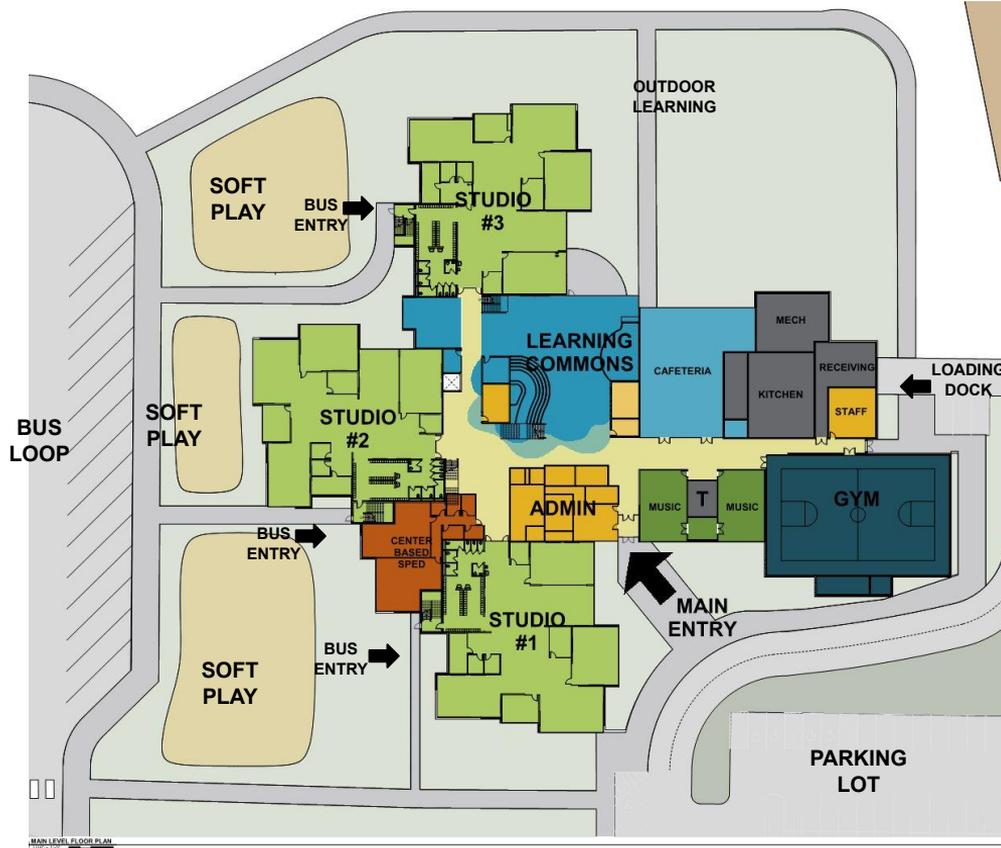
SITE DIAGRAM



White Bear Lake
Area Schools

↑
TO WETLAND

CORE PLANNING GROUP NEW ELEMENTARY SCHOOL

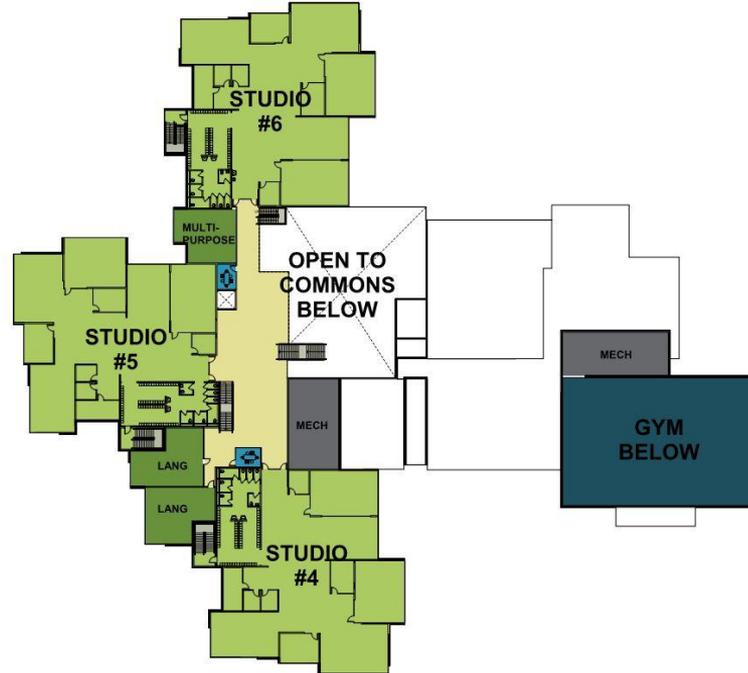


LEGEND

- ADMIN
- LEARNING COMMONS
- CAFETERIA
- BUILDING SUPPORT
- SPECIAL ED.
- SPECIALISTS
 - MUSIC
 - LANGUAGE
 - MULTI-PURPOSE
- GYMNASIUM



CORE PLANNING GROUP NEW ELEMENTARY SCHOOL



| LEGEND | |
|--------|------------------|
| | ADMIN |
| | LEARNING COMMONS |
| | CAFETERIA |
| | BUILDING SUPPORT |
| | SPECIAL ED. |
| | SPECIALISTS |
| | - MUSIC |
| | - LANGUAGE |
| | - MULTI-PURPOSE |
| | GYMNASIUM |



White Bear Lake
Area Schools

CORE PLANNING GROUP NEW ELEMENTARY SCHOOL

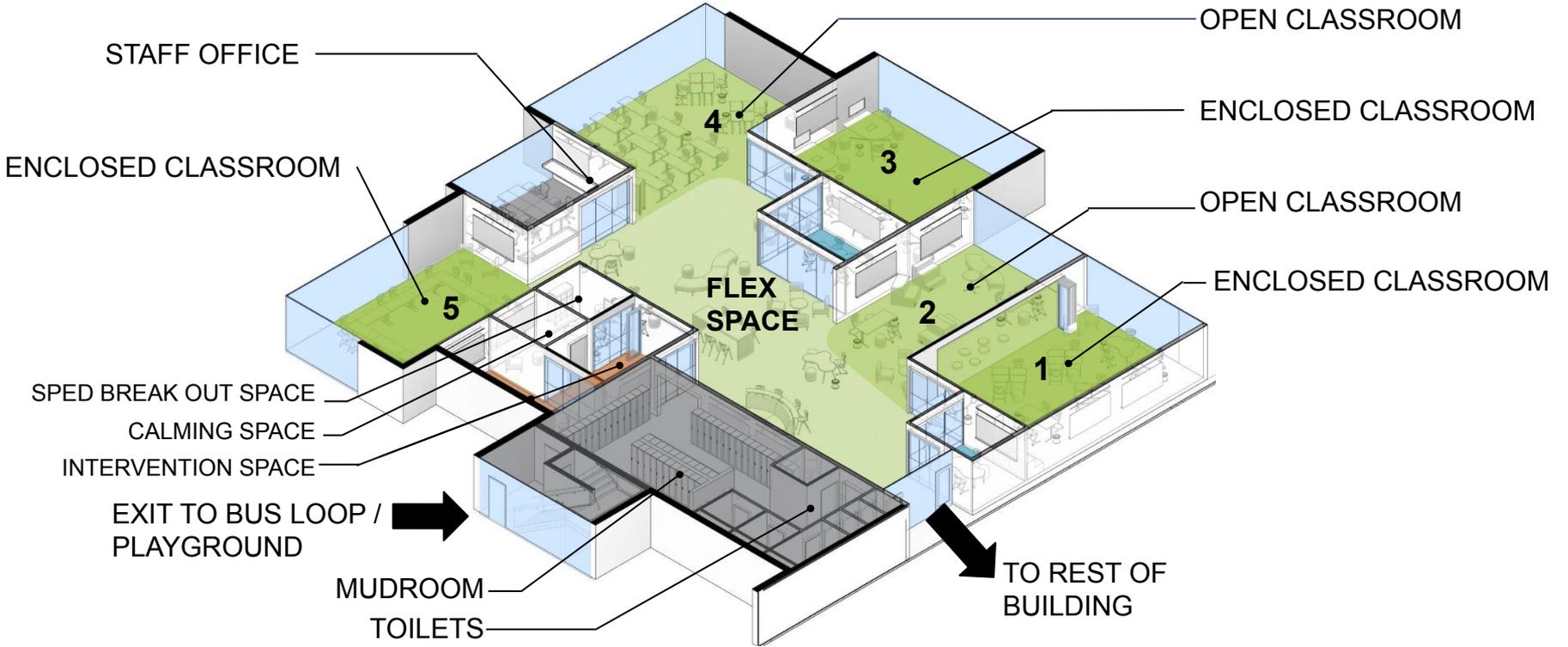


LEARNING STUDIO DIAGRAM



White Bear Lake
Area Schools

CORE PLANNING GROUP NEW ELEMENTARY SCHOOL

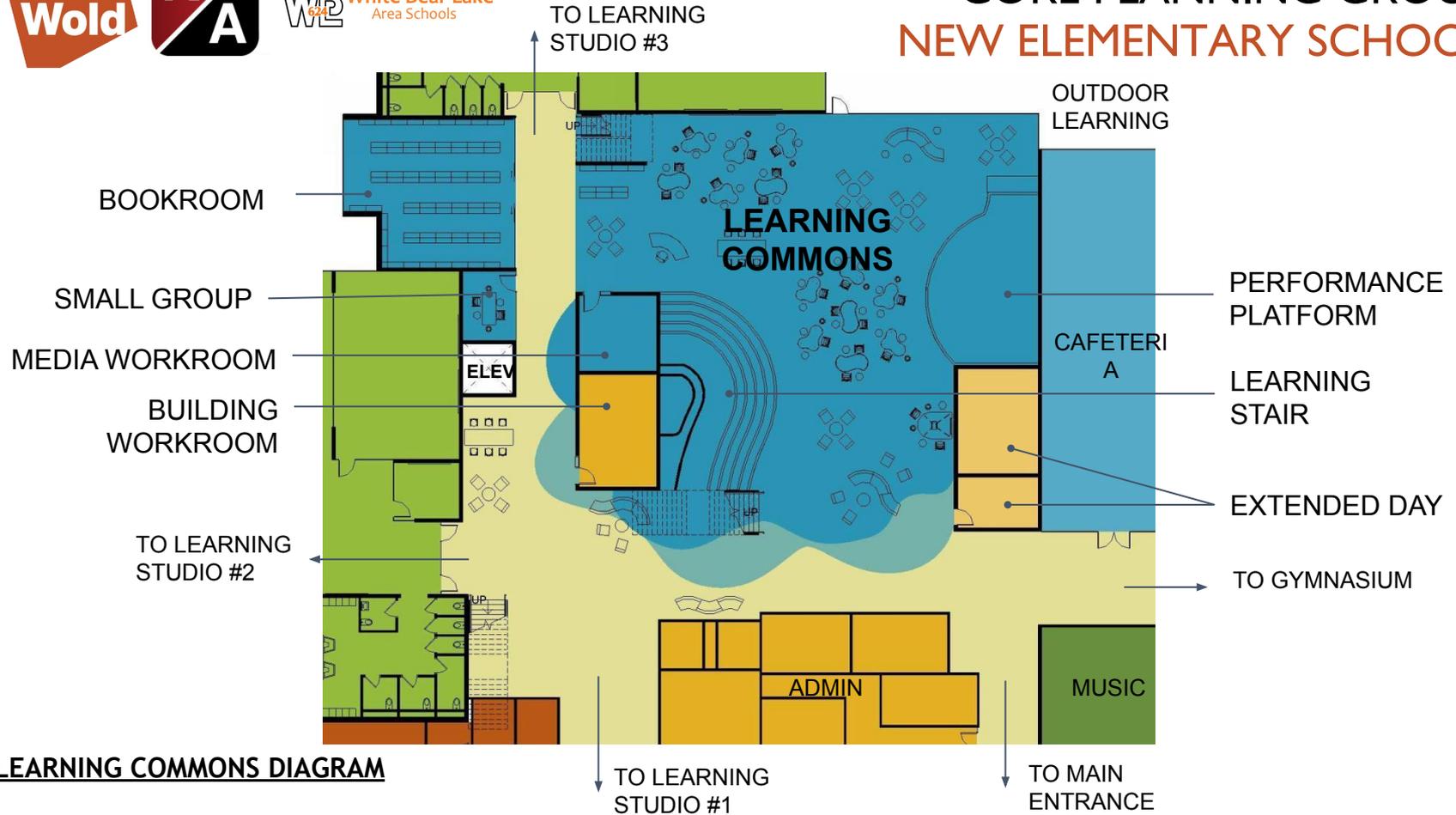


LEARNING STUDIO AXON



White Bear Lake
Area Schools

CORE PLANNING GROUP NEW ELEMENTARY SCHOOL

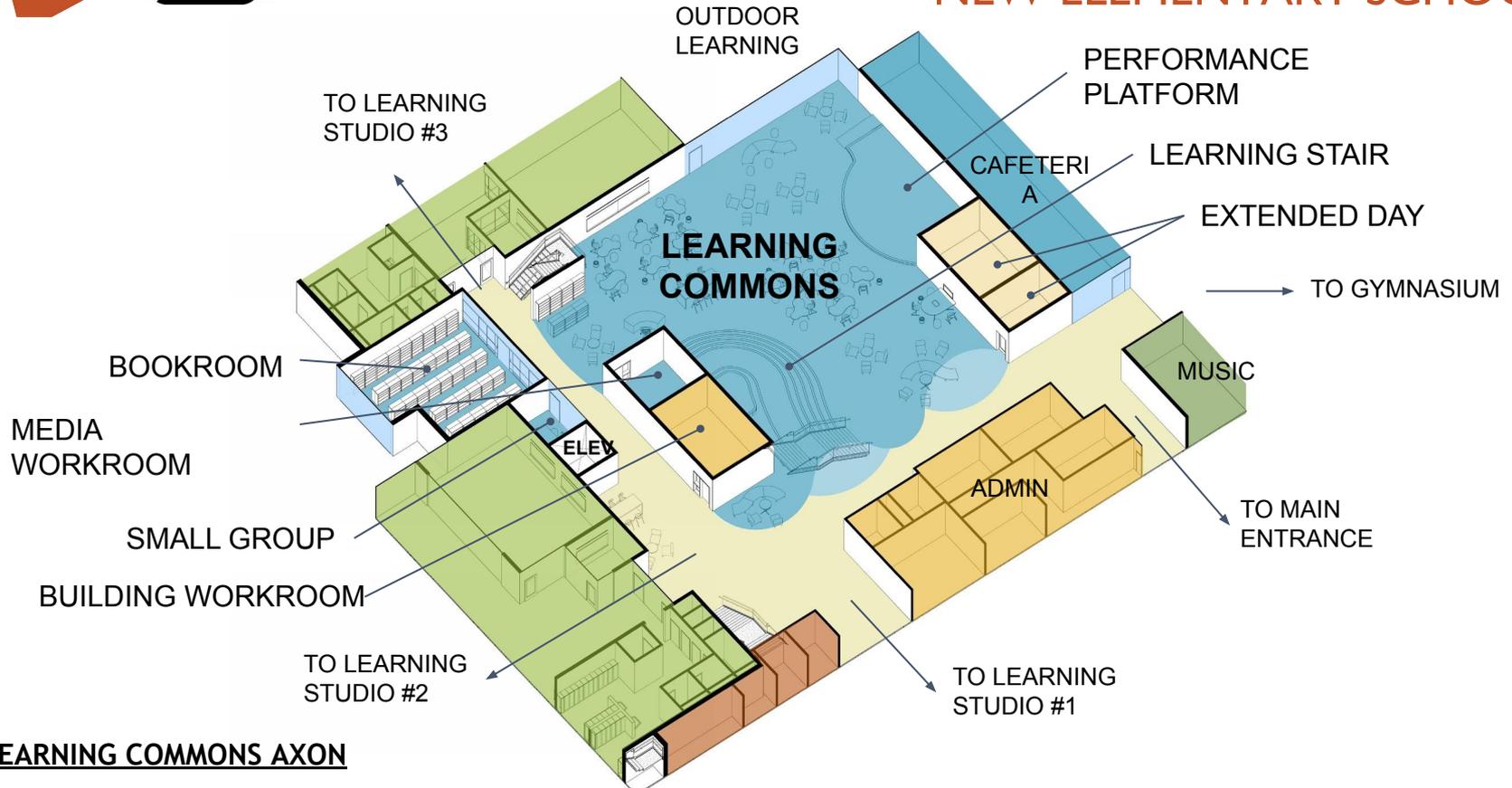


LEARNING COMMONS DIAGRAM



WB White Bear Lake
Area Schools

CORE PLANNING GROUP NEW ELEMENTARY SCHOOL



LEARNING COMMONS AXON



KRAUS-ANDERSON®

White Bear Lake Area High School

Project Scope:

- Additions and renovations to create a comprehensive 9-12 high school
- New furniture
- Upgrades and expansion to kitchen and cafeteria
- 375,000 square foot addition
- \$179M total project cost including building and on and off site improvements

Schedule:

- Core Planning Group has met 7 times through early May
- Round 1 of User Group meetings upcoming over the next several weeks, process to continue through the fall



White Bear Lake
Area Schools

CORE PLANNING GROUP

WHITE BEAR LAKE AREA HIGH SCHOOL





CORE PLANNING GROUP WHITE BEAR LAKE AREA HIGH SCHOOL

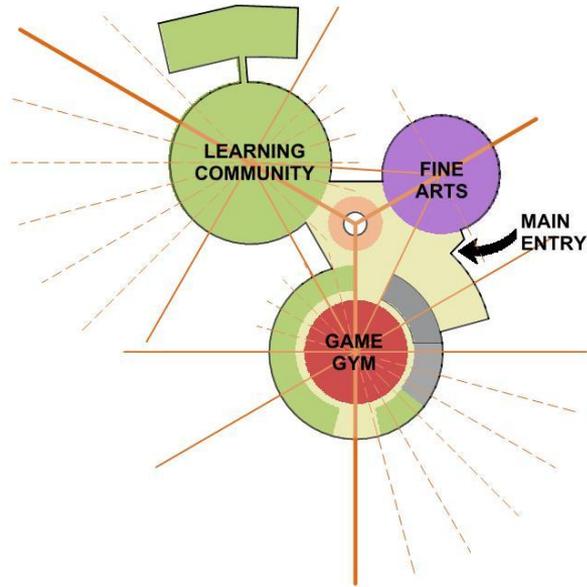
Definitions of proposed new terms:

- **The Union** - Central gathering area of the high school which creates a sense of community for dining and gathering. Constitutes the major organizing space of the high school with connections to all major elements.
- **Educational Team** - A team of up to 12 staff grouped around learning objectives with the intent of fostering collaboration who share a meeting space.
- **Learning Studio** - A collection of learning spaces grouped together to enhance collaboration, innovation, and student agency.
- **Learning Commons** - A specialized learning studio focused on media resources, technology access, and collaborative spaces as a resource to all learners.



WB White Bear Lake
Area Schools

CORE PLANNING GROUP WHITE BEAR LAKE AREA HIGH SCHOOL



Existing Building



WB White Bear Lake
624 Area Schools

CORE PLANNING GROUP

WHITE BEAR LAKE AREA HIGH SCHOOL





WB White Bear Lake
Area Schools

CORE PLANNING GROUP

WHITE BEAR LAKE AREA HIGH SCHOOL

- STUDENT COMMONS/FLEX AREAS
- CLASSROOMS
- SCIENCE LABS
- SPECIALISTS (FACS/ENGINEERING/ART)
- MEDIA COMMONS/LEARNING HUB
- CIRCULATION
- ADMIN/TECH/STAFF SPACES
- SPECIAL EDUCATION
- PHYSICAL EDUCATION
- AUDITORIUM/THEATER/MUSIC
- CUSTODIAL/FOOD SERVICE

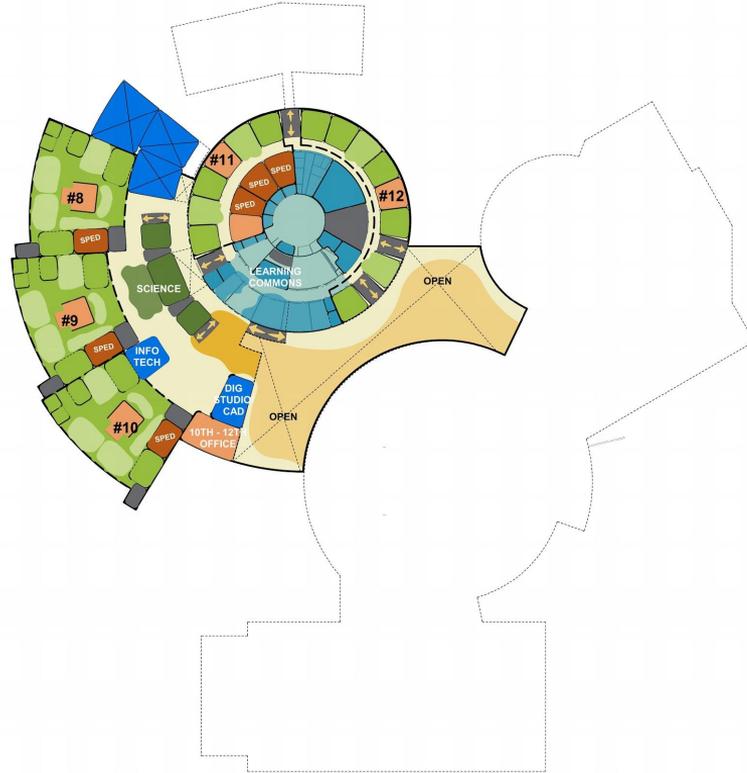


MAIN LEVEL



White Bear Lake
Area Schools

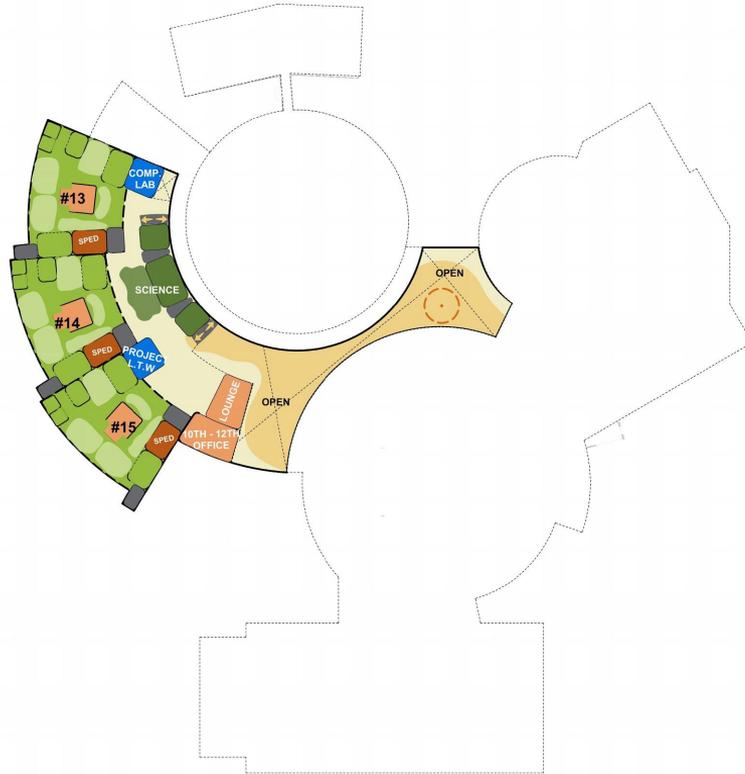
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SECOND LEVEL



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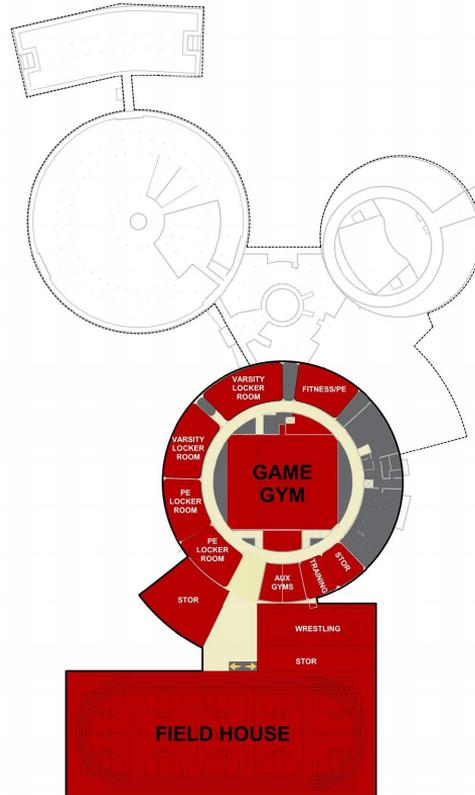


THIRD LEVEL



White Bear Lake
Area Schools

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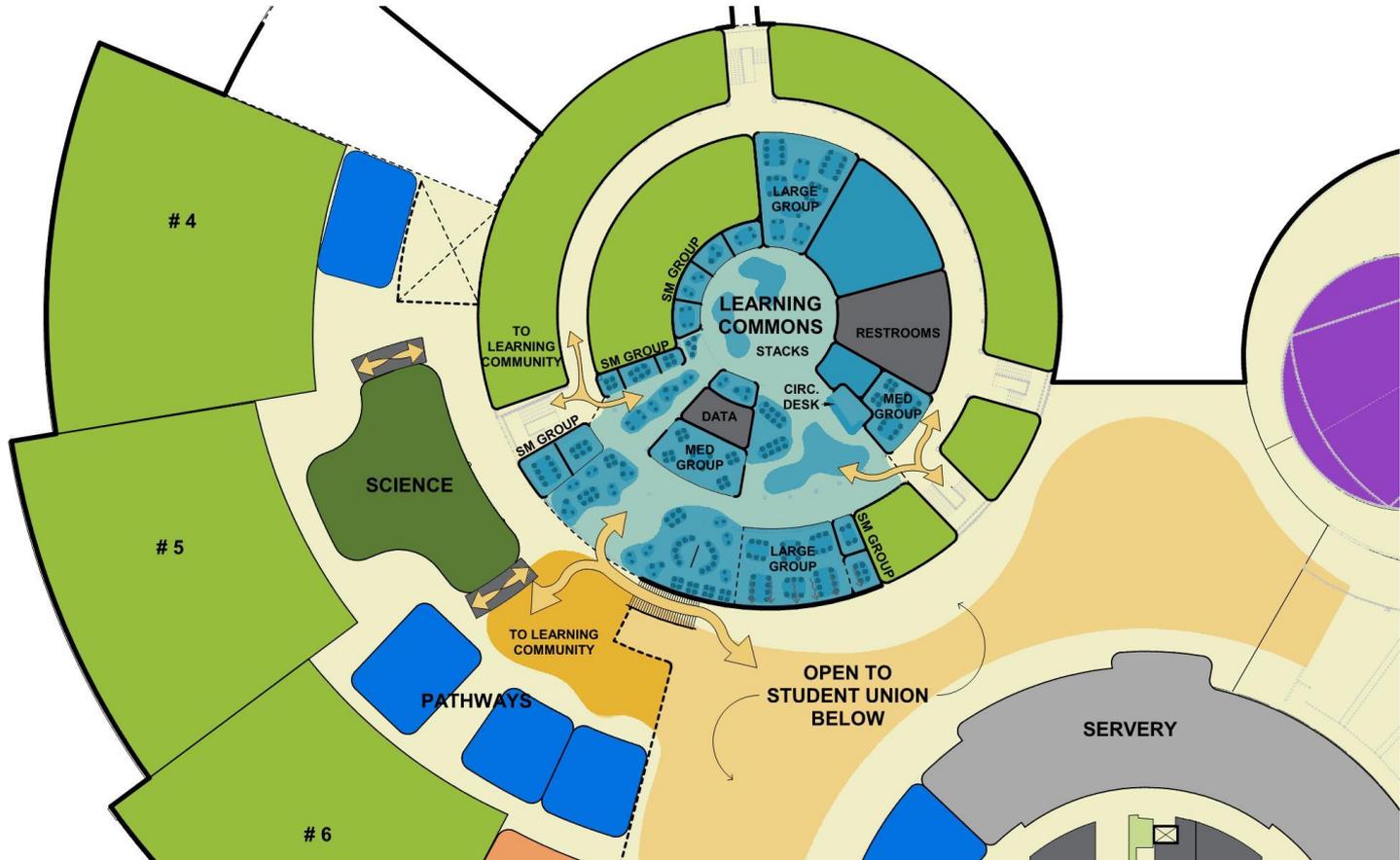


LOWER LEVEL



White Bear Lake Area Schools

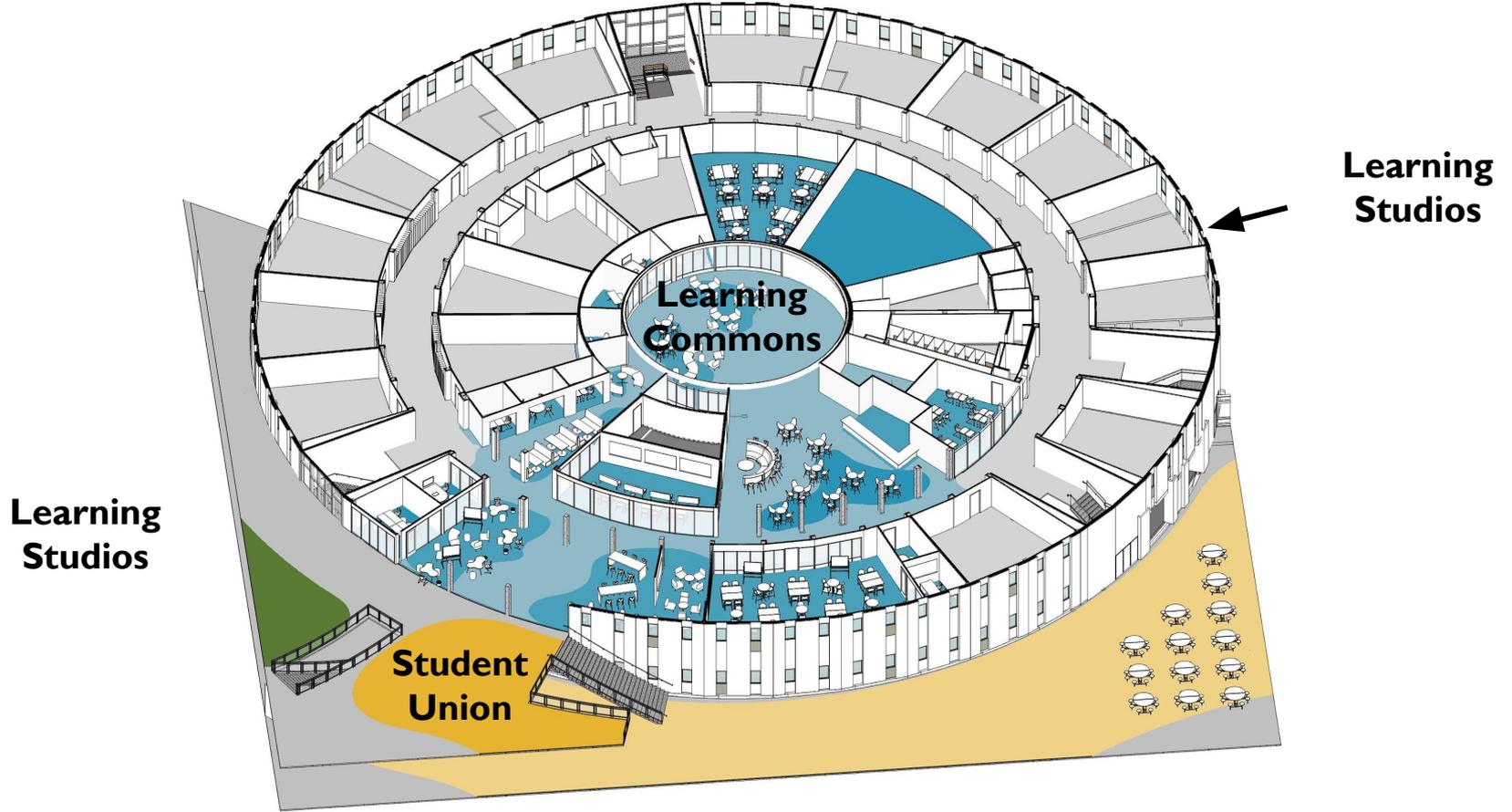
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White Bear Lake
Area Schools

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White Bear Lake
Area Schools

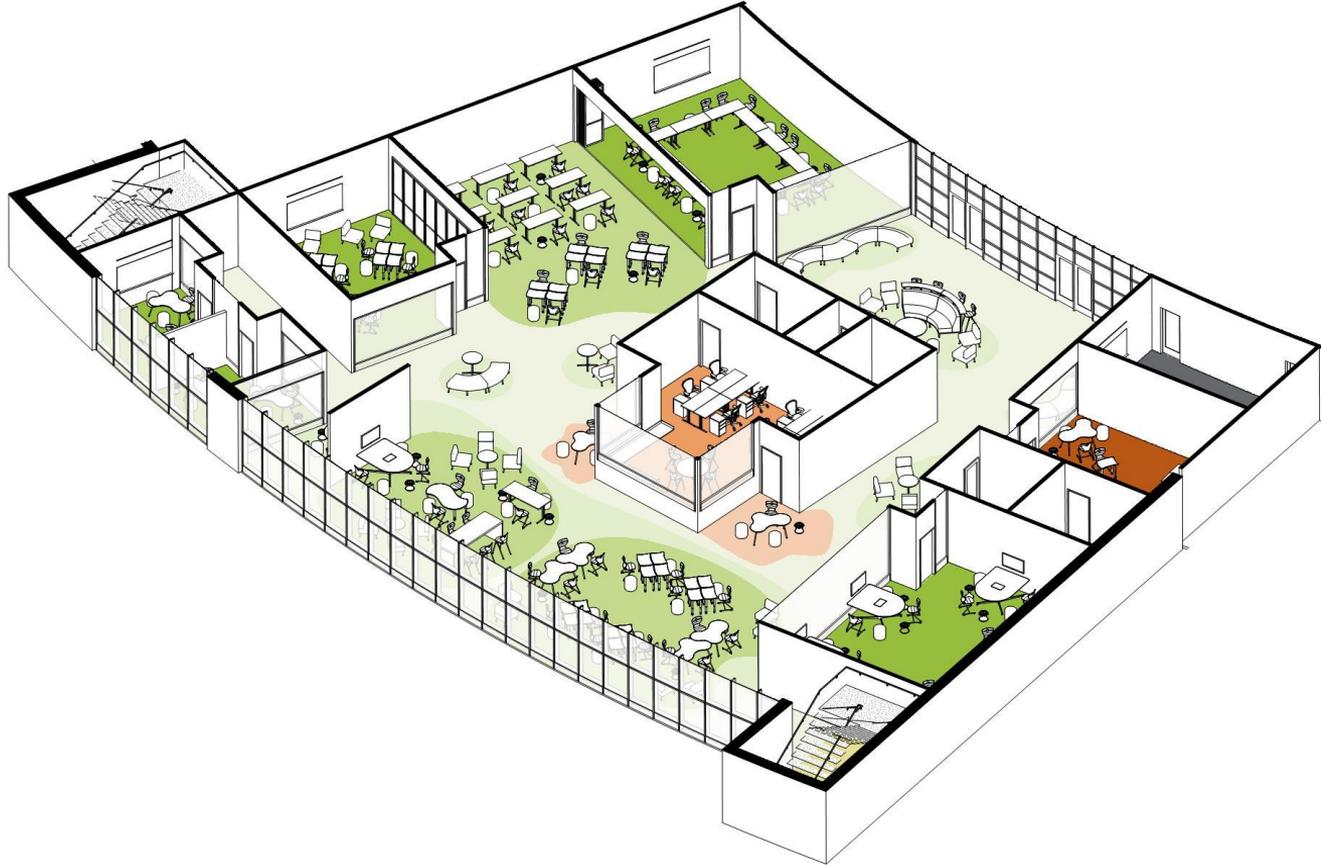
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Thank you!



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