

Agenda

Lyon County School District Board of Trustees

A Facility Master Plan Advisory Committee Meeting of the Board of Trustees of Lyon County School District will be held Tuesday, November 19, 2024, beginning at 4:30 PM at the Yerington Intermediate School, at the Multipurpose Room Across Pearl Street from the School Entrance, 215 Pearl St., Yerington, NV 89447.

Public Comment must be submitted by 3:00 pm the day before the meeting by clicking here.

Please note that this link is monitored for public comment only.

The subjects to be discussed or considered or upon which any formal action may be taken are listed below. Items do not have to be taken in the order shown on this meeting notice.

Public Comment to the Lyon County School District Board of Trustees

In the event that you are unable to attend the LCSD Board of Trustees meeting, you may submit public comment by 3:00 pm the day before the board meeting by [clicking here](#). Public comment will be forwarded to all LCSD Trustees prior to the board meeting. Please note that this link is monitored for public comment only.

1. Call to order
2. Pledge of Allegiance
3. Welcome of Guests
4. Approval of Agenda
5. Public Comment for items listed on the agenda

At this time, the public is invited to address the committee on items listed on the agenda over which they have jurisdiction.

If you wish to speak, please step up to the front table, be seated, and state your name. Your comments must be limited to no more than three minutes per agenda item with a maximum of ten minutes total. In consideration of others, avoid repetition or designate a spokesperson to speak on behalf of our group. Although the committee does not restrict comments based upon viewpoint, comments will be prohibited if the contents are willfully disruptive, slanderous, amount to personal attacks or interfere with the rights of other speakers. Comments made during this time will be monitored by the committee chair.

6. **(For Discussion Only)** Discussion regarding the Lyon County School District Facility Master Plan progress update and next steps in the planning process. This item is presented by Orcutt | Winslow. **3**

7. Public Comment for items not listed on the agenda

The public is invited to address the committee on items not listed on the agenda over which the committee has jurisdiction. No action may be taken on any subject raised during public comment until the matter has been properly placed on an agenda for a properly noticed

meeting pursuant to NRS 241 (Nevada’s Open Meeting Law).

If you wish to speak, please step up to the front table, be seated, and state your name. Your comments are limited to no more than three minutes per person and must fall under subjects within the committee’s jurisdiction and control. In consideration of others, avoid repetition, or designate a spokesperson to speak on behalf of your group. Although this committee does not restrict comments based upon viewpoint, comments will be prohibited if the contents are willfully disruptive, slanderous, amount to personal attacks, or interfere with the rights of other speakers. Comments made during this time are monitored by the committee chair.

8. Adjourn

If you have questions or public records requests, please contact the LCSD Communications and Public Relations Officer at (Communications@lyoncsd.org).

The notice for this meeting was posted at the Lyon County School District Administrative Office and posted to the Lyon County School District website (<http://lyoncsd.org>) and the Nevada Public Notice Website (<http://notice.nv.gov>) in accordance with NRS 241.020 (3) (b).

LYON COUNTY SCHOOL DISTRICT STATEMENT OF NONDISCRIMINATION AND ACCESSIBILITY

The Lyon County School District does not discriminate on the basis of race, color, national origin, gender, disability or age in any of its policies, procedures, or practices, in compliance with Title VI of the Civil Rights Act of 1964 (pertaining to race, color, and national origin), Title IX of the Educational Amendments of 1972, section 504 of the Rehabilitation Act, the Americans with Disabilities Act, and Age Discrimination Act of 1975, and any other pertinent statute or requirement. This Non-Discrimination policy covers admission, access, treatment, and employment in the District’s programs and activities, including Occupational Education. For information regarding opportunities, policies, or the filing of grievances, contact your school principal.

The Lyon County School District is pleased to provide accommodations for the handicapped or disabled. Members of the public who are disabled and require special accommodations or assistance at the meeting are requested to notify the Administrative Assistant to the Superintendent and Board of Trustees in writing at 25 E. Goldfield Ave., Yerington, NV 89447, email mheim@lyoncsd.org, or call (775) 463-6800 Ext. 10034 at least one week prior to the meeting.

Lyon County School District Board Memo

Date: November 19, 2024

To: Board of School Trustees

From: Harman Bains, Executive Director of Operations

Re: Master Facilities Plan Process update

Recommendation:

This item is presented for discussion purposes only. Orcutt | Winslow is providing the Facilities Master Plan Advisory Committee and update on progress and next steps of the Facilities Master Planning process.

Background Information:

At the March 26, 2024, meeting, the Board of Trustees directed the district to initiate the selection process for a company to conduct a new 10-year Facilities Master Plan. The district subsequently created and published a Request for Proposal (RFP) and received three proposals in response. After reviewing all three proposals, the district selected them for in-person presentations. These presentations were shared with a committee comprising district leadership and board leadership. Following the presentations, the committee collaborated and unanimously chose Orcutt | Winslow as their recommendation to the Board of Trustees. At the May 28, 2024, meeting, the Board of Trustees approved Orcutt | Winslow to begin this process.

At its meeting on June 25, 2024, the Board approved the establishment of the Facilities Master Plan Advisory Committee for the duration of the Orcutt | Winslow contract. The committee's role is to assist the Board in creating a comprehensive and strategic Facilities Master Plan that supports the Lyon County School District's long-term educational objectives and operational requirements. Its primary purpose is to offer informed recommendations based on detailed analysis and community feedback, ensuring that facility planning, and development are effective, sustainable, and conducive to an optimal learning environment. The committee will also address facility inequities across the district, ensuring that all students have access to high-quality infrastructure such as ventilation, lighting, and security measures. Ultimately contributing to a more secure and supportive learning environment for students, promoting their overall success.

Budget Considerations:

N/A

Discussed at Previous Meeting:

N/A

Attachment(s):

Orcutt | Winslow FMP update slide deck

Mission Statement Lyon County School District fosters learning for life, empowers connected learners, promotes student ownership, and encourages discovery learning for success in a rapidly evolving world.



Lyon County School District

Facilities Master Planning⁴

Facilities Master Plan Advisory Committee - Progress Review

11.19.24

orcutt | winslow

AMERESCO
Green • Clean • Sustainable

Zonda™

Agenda

- 1 Introductions
- 2 Process
- 3 Strategic Direction

- 4 Progress Update
- 5 Next Steps

Your Team

orcutt | winslow> Architecture & Planning



.....> Facility Conditions Analysis



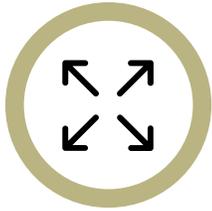
.....> Demographic Analysis

Process



7

Data Streams



Capacity/Utilization

Capacity is the ability for the facility to accommodate the appropriate amount of enrolled students.

Utilization looks at the efficiency in which those spaces are used.



Adequacy

Adequacy is a measure of the sufficiency of campuses to support current needs and purpose.



Suitability

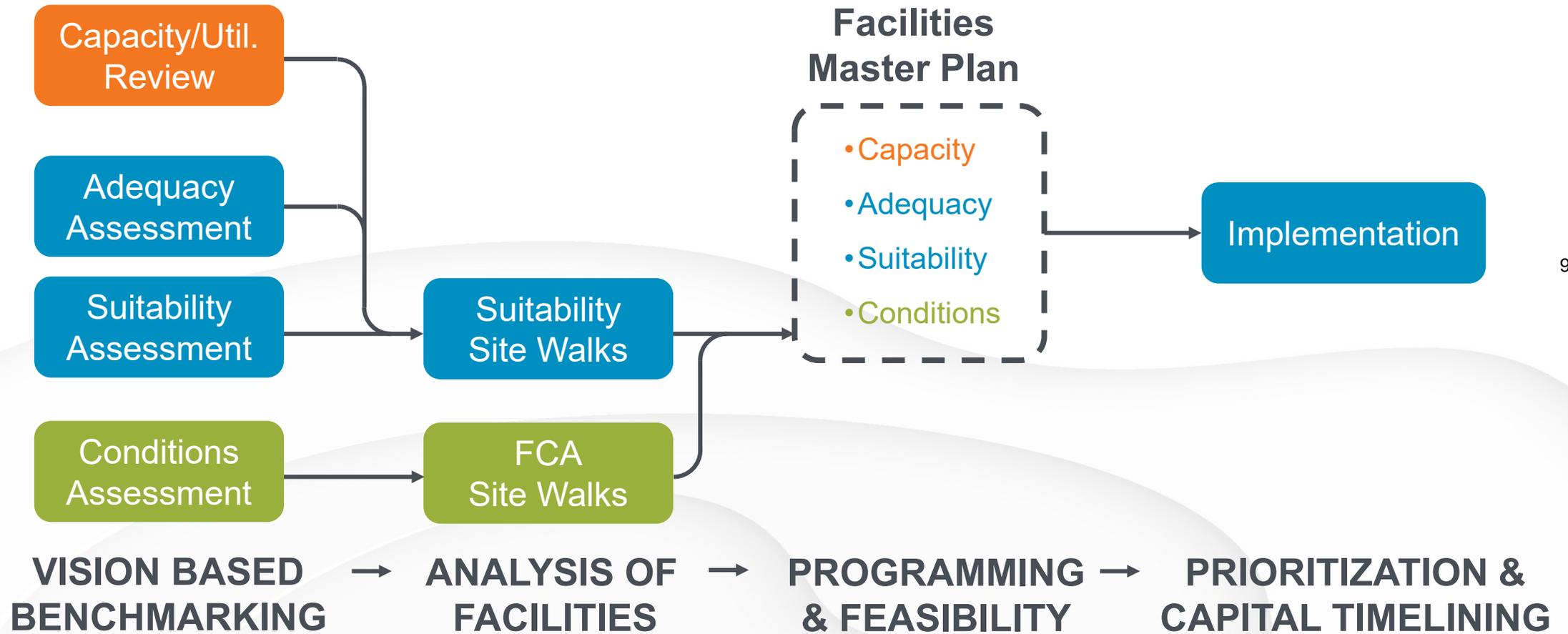
Suitability is more aspirational, and a forward model compared to adequacy. It looks at the ability of spaces to support transformational needs.



Facility Conditions

Condition relates to the physical assets of a space and their associated useful life. This takes into consideration things like ensuring a functional air conditioning system.

Process





STRATEGIC DIRECTION

10

MISSION

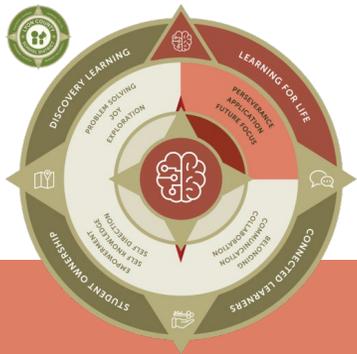
Foster learning for life, empower connected learners, promote student ownership, and encourage discovery learning for success in a rapidly evolving world.

VISION

Graduate all students to be college, career, and life successful.

Strategic Direction

Portrait of a Learner



LEARNING FOR LIFE

“I am building the skills to be a lifelong learner.”

- Perseverance
- Application
- Future Focus



CONNECTED LEARNERS

“I am learning through my relationships with others.”

- Belonging
- Communication
- Collaboration



STUDENT OWNERSHIP

“I am empowered to own my learning.”

- Empowerment
- Self Knowledge
- Self Direction



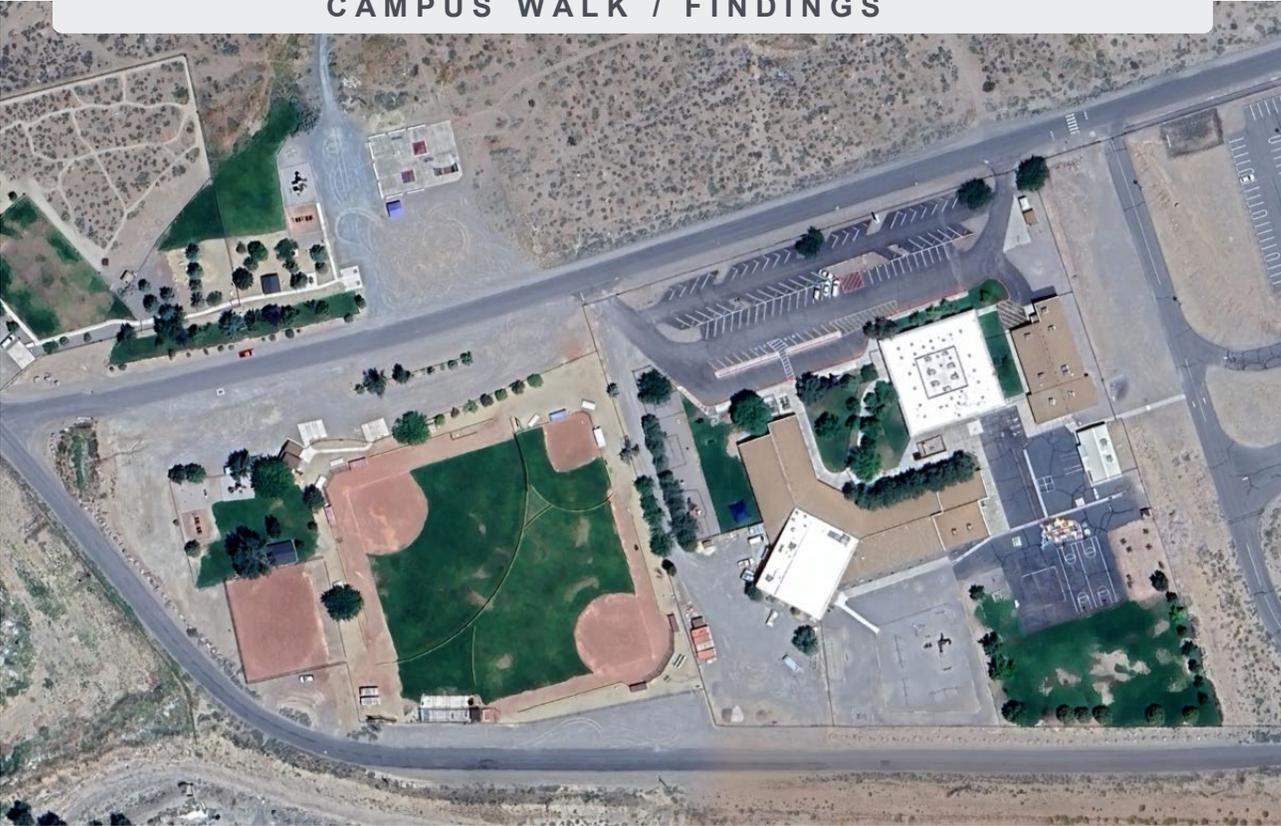
DISCOVERY LEARNING

“My learning journey helps me discover new things.”

- Problem Solving
- Joy
- Exploration

Campus Walks

CAMPUS WALK / FINDINGS

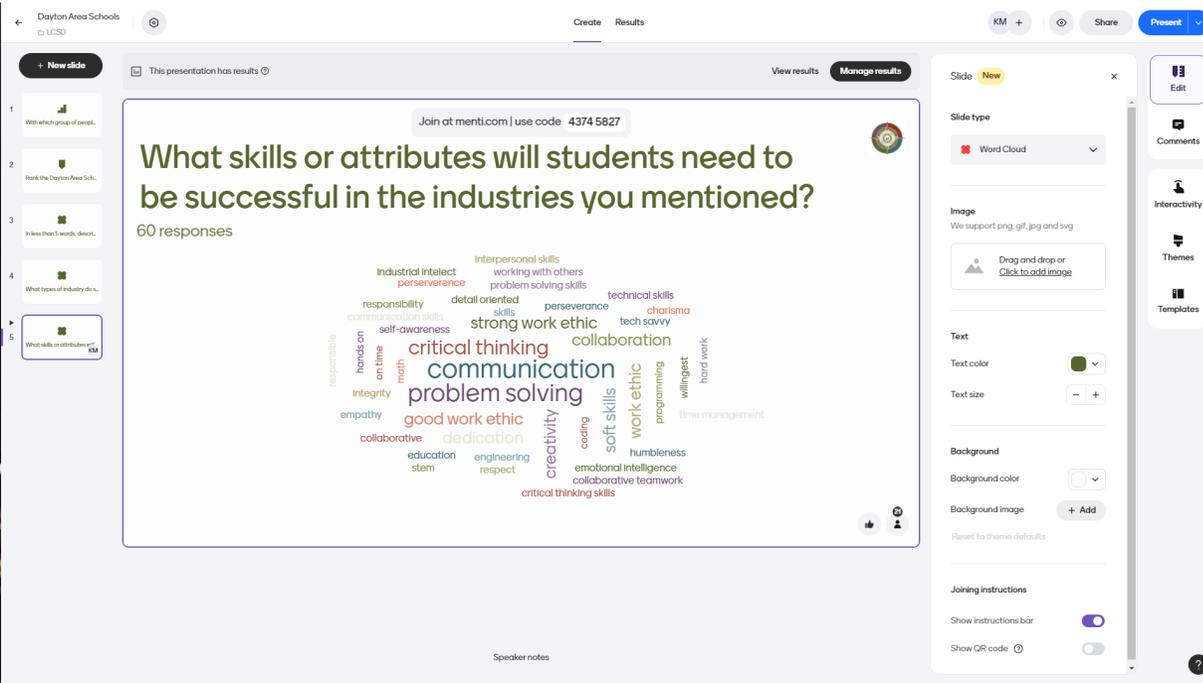
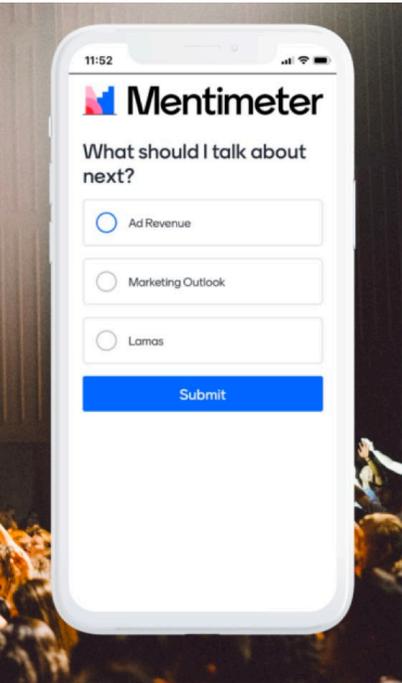


CAMPUS WALK / FINDINGS



Engagements

At each area, the team engaged with the local community to gather feedback. First the team presented modern trends in learning environments. Then the community was asked a series of questions via an online poll, and then were asked to discuss in more depth the concepts that came to the forefront.



Group Breakout Discussion

Pre-K, Elementary, Intermediate and High School will all have unique needs. Break out into groups to reflect on the needs that would be desired at all levels.



1

Break into groups of 6-10 people.

1. Develop answers to the question, “**What programs, experiences or resources help to develop the identified skills**”
2. Develop answers to the question, “**What changes to the learning environment should this team consider?**”

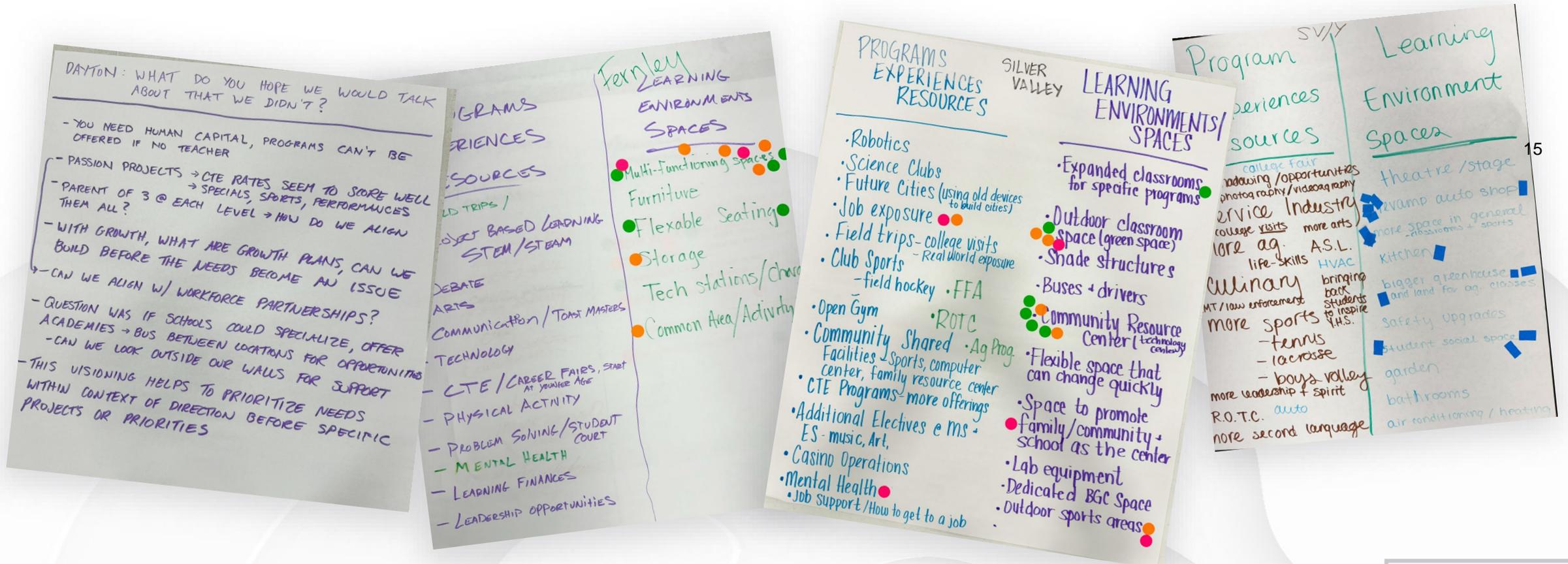
2

Gallery Walk & Consensus Building

1. Each group reports out their statements to the larger committee.
2. With the supplied dots, vote to identify the statements you align most with.

Engagements

At each area, the team engaged with the local community to gather feedback. First the team presented modern trends in learning environments. Then the community was asked a series of questions via an online poll, and then were asked to discuss in more depth the concepts that came to the forefront.





Lyon County School District

Dayton Area Schools¹⁶

Regional Steering Committee Visioning

09.16.2024 – 09.19.2024



orcutt | winslow

AMERESCO
Green • Clean • Sustainable

Engagements



With which group of people do you identify yourself?

Rank the Dayton Area Schools in developing each area of the Portrait of a Learner.

Perseverance, Application and Future Focus 7.5

Belonging, Communication and Collaboration 6.8

Empowerment

Problem Solving

60 responses

What skills or attributes will students need to be successful in the industries you mentioned?

57 responses

What types of industry do students need to be prepared for in the Dayton Area/Region?

55 responses

In less than 5 words, describe your school or community.

58 responses

empathy

social media focused
open communication
family oriented
over crowded
protective
loud
searching for identity
traditional
positive
helpful
pride
suburb
separated
engaged
supportive
rural
growing
welcoming
but
collaboration
student focus
positive learning
collaborative
student focused
devoted
mighty
tiny
diverse
open
pathways for life
keyboard warriors

Breakout Discussions

DAYTON

Programs Experiences Resources	Learning Environments Spaces
<ul style="list-style-type: none"> World Languages - Other than Spanish ELA MATH - Stronger Foundation Field Trips - Fridays Classroom Hands On Experiences Partnership with Industry Career Exploration Expanded CTE opportunities Passion Projects Family Resource Centers Life Skills Classes <ul style="list-style-type: none"> Finance Change Tire Cooking 	<ul style="list-style-type: none"> Flexible CTE spaces (shops, labs, activity spaces) Teachers/partnerships Bus drivers Local Industry partnerships Hands-on learning Problem-based learning Family resource education (dedicated space)

DAYTON: WHAT DO YOU HOPE WE WOULD TALK ABOUT THAT WE DIDN'T?

- YOU NEED HUMAN CAPITAL, PROGRAMS CAN'T BE OFFERED IF NO TEACHER
- PASSION PROJECTS → CTE RATES SEEM TO SCORE WELL → SPECIALS, SPORTS, PERFORMANCES
- PARENT OF 3 @ EACH LEVEL → HOW DO WE ALIGN THEM ALL?
- WITH GROWTH, WHAT ARE GROWTH PLANS, CAN WE BUILD BEFORE THE NEEDS BECOME AN ISSUE
- CAN WE ALIGN W/ WORKFORCE PARTNERSHIPS?
- QUESTION WAS IF SCHOOLS COULD SPECIALIZE, OFFER ACADEMIES → BUS BETWEEN LOCATIONS FOR OPPORTUNITIES
- CAN WE LOOK OUTSIDE OUR WALLS FOR SUPPORT
- THIS VISIONING HELPS TO PRIORITIZE NEEDS WITHIN CONTEXT OF DIRECTION BEFORE SPECIFIC PROJECTS OR PRIORITIES

DAYTON

Programs Experiences Resources	Learning Environments Spaces
<ul style="list-style-type: none"> Autoshop JROTC/ROTC Welding Field Trips Outdoor classes CTE programs STEM/Robotics/Coding/APP/IB Music Teachers in Classroom Language in Elementary Inquiry-based Middle Learning from ED Tennis Simulated Laboratory 	<ul style="list-style-type: none"> Cheer gym/dance room Auto Shop Flexible CTE Pool Updated Science labs Art Studio Covered walkway Secure spaces Single point entry Updated furniture Internet & technology Soccer field turf Practice Field Green House/Barn/Garden elementary-high Increase communication Working catalogues science labs Student store (Student lounge) Student Store Fitness center / weight room Imgs robotics all elementary Art studio - elementary

DAYTON

Program Experiences Resources	Learning Environments/Space
<ul style="list-style-type: none"> Tutoring/more personalized learning (especially for younger students) Opportunities to engage in groups for motivation Passion projects/classes Family resource centers Classes related to life <ul style="list-style-type: none"> Home economics Finance class Ag/culture related ones Languages CTE expansion Clubs <ul style="list-style-type: none"> Tennis Dance Theater facilities Swimming Communication improvement Curriculum based field trips Career exploration Special exploration 	<ul style="list-style-type: none"> Expand CTE building Bigger band room pool Auto shop Sensory sensitive rooms quiet spaces/rooms more comfort qualities Agriculture wall Better heating/AC More doors/panels More space for art room for better flow of travel Natural lights Less lockers/different storage methods Drop off/pick up cars Landscaping (possible school park) Better Wi-Fi Performing Arts expansion More/better equipment Sound systems

DAYTON

Programs Experiences Resources	Learning Environments Spaces
<ul style="list-style-type: none"> CTE options Swimming Hands on Accountability Real world (Home-ec) Problem based Industry Partnerships handle budget (Financial literacy) Choose your courses - more offerings Language options Music (keyboard lab) Career Counseling Younger Kids - Game based learning Ability groupings - options CTE training younger kids 	<ul style="list-style-type: none"> PE. Space/Net MPR Shop space - CTE Building Pool Music space/performance - Collaborative Commons/Visible flexible seating Shade - playground Career Center



Dayton Community Priorities

Space Considerations

- CTE Space
 - Green house, barn, garden
 - Flexible/multi-use
- PE space
- Performing Arts
 - Auditorium
 - Equipment (sound, lights)
- Science lab spaces
- Collaborative spaces – visible
 - Hands-on learning opportunities
 - Problem based learning

Opportunity Considerations

- Industry Partnerships
 - Career Center
 - Internships
- Growth
- Regional academies
 - Alignment of feeder patterns
- Passion projects
- Access to specialized staff for programs/offerings

19





Lyon County School District

Fernley Area Schools²⁰

Regional Steering Committee Visioning

09.16.2024 – 09.19.2024



orcutt | winslow

AMERESCO
Green • Clean • Sustainable

Breakout Discussions

PROGRAMS EXPERIENCES RESOURCES - FIELD TRIPS / - PROJECT BASED LEARNING STEM/STEAM - DEBATE - ARTS - COMMUNICATION / TOAST MASTERS - TECHNOLOGY - CTE / CAREER FAIRS, START AT YOUNGER AGE - PHYSICAL ACTIVITY - PROBLEM SOLVING / - MENTAL HEALTH - LEARNING FINANCES - LEADERSHIP OPPORTUNITY	LEARNING ENVIRONMENTS SPACES • Multi-Functioning Spaces • Furniture • Flexible Seating • Storage • Tech stations/charging • Common Area/Activity Space
--	---

FERNLEY - WHAT DO YOU WISH WE WOULD HAVE DISCUSSED TONIGHT THAT WE DIDN'T?

- MAYOR → WANTS TO COORDINATE DEVELOPMENT /GROWTH, LAND IS SET ASIDE FOR THEM → ARE THERE WAYS TO SHARE RESOURCES/AMENITIES
- BGC IS A GREAT SYMBIOTIC PARTNERSHIP
- CAN SCHOOLS BE 'COMMUNITY CENTERS', CAN THE PUBLIC USE SCHOOL RESOURCES
- BATHROOMS! OASIS HS IN FALLON AS EXAMPLE (LESS DISCIPLINE ISSUES + BETTER SUPERVISION)

Programs Experiences Resources Leadership K-12 Critical Thinking Project Base Learning Hands on Non traditional Learning Experiences Phone Free	Fernley Learning Environments Spaces • Collaborative learning spaces → variety of grouping sizes • Flexible furniture • Lab spaces - need more → shops → CTE spaces / Non CTE Labs → outdoor Labs • Computer Labs • updated tech - integrated Exp • Interactive boards • Presentation tech
--	--

PROGRAMS EXPERIENCES RESOURCES Lifeskills - Financial - Analytical THINKING - SOCIAL AWARENESS - Conflict Resolution - MENTAL HEALTH - FIELD TRIPS - REAL WORLD JOB EXPERIENCE - SUMMER LEARNING PROGRAMS - Debate - Leadership - Communication Skills	Fernley LEARNING ENVIRONMENTS SPACES • Auto Shop • Kitchen • Wood Shop • Electronics • Plumbing • Trades CTE Spaces Labs • Flexible seating - Smart Boards • Sensory Room • Whole health room • Career Center • Transportation • Health + Welfare Resource Center • Hygiene Station
---	---

PROGRAMS EXPERIENCES RESOURCES - FIELD TRIPS / - PROJECT BASED LEARNING STEM/STEAM - DEBATE - ARTS - COMMUNICATION / TOAST MASTERS - TECHNOLOGY - CTE / CAREER FAIRS, START AT YOUNGER AGE - PHYSICAL ACTIVITY - PROBLEM SOLVING / STUDENT COURT - MENTAL HEALTH - LEARNING FINANCES	Fernley LEARNING ENVIRONMENTS SPACES • Multi-Functioning Spaces • Furniture • Flexible Seating • Storage • Tech stations/charging • Common Area/Activity Space
--	---

Programs Experiences Resources Empirical math related math problem solving social conflict resolution group activity club being self-sufficient communication listening debating (problem solving) skills computer studies coding	Fernley Learning Environment Spaces LABS • CTE SPACE (ROBOTEQUIPMENT, NURSING EQUIPMENT, SOFTWARE) • STEM ROOM (GREENHOUSE, OUTDOOR CLIMATE, RESOURCES, SHADE STRUCTURES (COMMON AREA / OPEN)) • COMPUTER LAB (COMPUTERS, PROGRAMS - COLLABORATING, GRAPHIC DESIGN, PODIUM) • HEATER / DRAWER (SPEAKERS, MICROPHONES, PODIUM) LUNCH ROOM (COMMUNITY VOLUNTEER) • COUNSELING COMMON AREA
--	---



Fernley Community Priorities

Space Considerations

- Collaborative Learning Spaces
 - Flexible furniture
 - Multi-functioning spaces
- Science lab spaces
- Outdoor learning spaces
 - Outdoor classroom, greenhouse, garden
- CTE space
 - Auto, culinary, wood shop, electrical, plumbing
- Health and welfare resource center

Opportunity Considerations

- Life skills courses
 - Financial
 - Conflict resolution





Lyon County School District

Silver Springs Area Schools²⁴

Regional Steering Committee Visioning

09.16.2024 – 09.19.2024



orcutt | winslow

AMERESCO
Green • Clean • Sustainable

Engagements



With which group of people do you most identify yourself?

Rank the Silver Springs Area Schools in developing each area of the Portrait of a Learner.

Perseverance, Application and Future Focus

65

17

In less than 5 words, describe your school or community.

26 responses

What types of industry do students need to be prepared for in the Silver Springs

25

What skills or attributes will students need to be successful in the industries you mentioned?

30 responses



Breakout Discussions

SILVER VALLEY

PROGRAMS EXPERIENCES RESOURCES	LEARNING ENVIRONMENTS/ SPACES
<ul style="list-style-type: none"> • Robotics • Science Clubs • Future Cities (using old devices to build cities) • Job exposure ●● • Field trips - college visits - Real World exposure • Club Sports - field hockey ● FFA • Open Gym ● ROTC • Community Shared Facilities - Sports, computer center, family resource center ● Ag Prog. • CTE Programs - more offerings • Additional Electives e MS + ES - music, Art, • Casino Operations • Mental Health ● • Job Support / How to get to a job ● 	<ul style="list-style-type: none"> • Expanded classrooms for specific programs ● • Outdoor classroom space (green space) ●●● • Shade structures ●●● • Buses + drivers ●●● • Community Resource Center (technology center) ●●● • Flexible space that can change quickly ●●● • Space to promote family/community + school as the center ●●● • Lab equipment ●●● • Dedicated BGC Space ●●● • Outdoor sports areas ●●●

SILVER VALLEY

Programs, Experiences Resources	Learning Environments/ Spaces
<ul style="list-style-type: none"> Workforce partnerships Certification programs ● OSHA 10 Automotive CNA Welding Mining Athletic resources / facilities FFA Ag Science Block Schedule ●● Music ROTC ● Civil Air Patrol 	<ul style="list-style-type: none"> Robotics Science clubs Culinary Financial literacy Shared facilities Job Support <ul style="list-style-type: none"> Open CTE Space ●● Transportation OUTDOOR LIGHTING ●●●●● Field House / Multi Sport Building FFA + AG SPACES / Green Houses ●●●●● BUS YARD / Automotive / Elec. Auto ●●● HVAC



Silver Springs Community Priorities

Space Considerations

- Outdoor learning spaces
 - Sports areas
- Community resource center/technology center
- CTE space
 - Flexible/multi-use
 - FFA and agriculture

Opportunity Considerations

- Shared community resources/centers
- Additional course offerings/electives/specials
- Job exposure
 - Internships
 - Certifications

27





Lyon County School District

Smith Valley and Yerington²⁸ Area Schools

Regional Steering Committee Visioning

09.16.2024 – 09.19.2024



orcutt | winslow

AMERESCO
Green • Clean • Sustainable

Breakout Discussions

SV/Y

Programs/Experiences Resources	Learning Environment Spaces
<ul style="list-style-type: none"> Art, Drama, Music Auto Shop - Mechanics Welding Home Ec. - Life Skills ROTC Ageeage - FFA AP Classes - Math Civic English Construction etc. Foreign languages <ul style="list-style-type: none"> Spanish French German HVAC Internships College Fair 	<ul style="list-style-type: none"> Upgrade Ag Facilities CTE Building Storage All weather track Concession Stand upgrade Football track Stadium Shade technology

SV/YERINGTON - WHAT ELSE?

- SOMEONE WOULD LIKE TO BE INVOLVED IN BUDGETS
- SV WAS NOT INCLUDED, NOT MENTIONED IN THE ADVERTISEMENTS
- SV NEEDS TO REMAIN, IT IS NOT 'UP FOR DEBATE'
- THE SCHOOL IS NOT SAFE, THE CAMPUS IS TOO OPEN AND EASY TO GAIN ACCESS' (PHIL MENTIONED APPROVED SINGLE ENTRY)
- THE BUILDING IS FALLING APART, IT IS EMBARRASSING
- 3RD SCOREBOARD, BUT NOT ADDRESSING THE IMPORTANT BASIC NEEDS

SV/Y

Program Experiences Resources	Learning Environment Spaces
<ul style="list-style-type: none"> college fair job shadowing / opportunities photography / videography Service Industry <ul style="list-style-type: none"> factory / college visits more arts More ag. life-skills <ul style="list-style-type: none"> AS.L. HVAC Culinary <ul style="list-style-type: none"> EMT / law enforcement bringing back students to inspire VHS. more sports <ul style="list-style-type: none"> - tennis - lacrosse - boys volleyball R.O.T.C. auto more second language 	<ul style="list-style-type: none"> theatre / stage revamp auto shop more space in general - classrooms + sports kitchen bigger greenhouse and land for ag. classes Safety upgrades student social space garden bathrooms air conditioning / heating

SV/Y

PROGRAMS EXPERIENCES RESOURCES	LEARNING ENVIRONMENTS / SPACES
<ul style="list-style-type: none"> GO OUT & NETWORK EMERGENCY PERMITS TRIPS EVERY YEAR ARCS - PERMITS Auto / MECH SHOPS CULINARY OFFERINGS EMERGENCY PERMITS COLLABORATION w/ B & G CLUBS STAFF TRAINING AREA BASED LEARNING SPACES ONE STOP SHOP CLASSROOM NEEDS CHALLENGE, COMMUNICATION, WEB ACCESS 	<ul style="list-style-type: none"> LEARNING ENVIRONMENTS / SPACES TRANSPORTATION PEOPLE - Human CAPITAL * SAFETY AESTHETICALLY DIVISION OF BUILDINGS / FACILITIES MATERIALS WEB ACCESS ADAPTIVE / ACCESSIBLE SPACES

SV/Y

Programs Experiences Resources	Learning Environments / Spaces
<ul style="list-style-type: none"> • Include ALL communities (SV specifically) • Sports - Football, Basketball, Soccer - equity across all schools • Youth Sports • Title IX: include boys & girls in all sports <ul style="list-style-type: none"> * Incentives / Treats (Snow Cone) • Ag - More CTE like this, out of the classroom / outdoor learning <ul style="list-style-type: none"> * Forestry * Mechanics * Shop (wood) * Home Economics * Real Life Skills (checkbooks, budget, taxes, etc.) * More 2nd Languages * Study Abroad / Foreign Exchange * Personal Finance • Arts - Drama, Music, Dance, Band <ul style="list-style-type: none"> * Drill / Dance Teams • Science - specific in all levels (elem / middle / high) <ul style="list-style-type: none"> * ROTC • Keep SVs in SV 	<ul style="list-style-type: none"> * Technology 3 Options for Distance Learning * Flexible fields / gyms * All-Weather track * Online Trainings paired w/ Real life experiences - travel may be needed * 3rd Gym w/ Locker Room * Flexible Rooms - used for multiple subjects - More classrooms on campuses * Auditoriums for Drama performances or Concerts * Storage for classrooms & for school-wide resources * Science labs w/ up-to-date tools



Smith Valley and Yerington Community Priorities

Space Considerations

- Classrooms
 - Additional space
 - Storage
 - Flexible spaces
- Sports
 - PE/gym space
- CTE space
 - Auto shop
 - Ag space
 - Greenhouses
- Performing arts
- Science labs

Opportunity Considerations

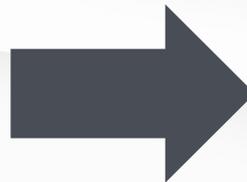
- Security
- Technology
 - Distance learning options
- Aesthetically pleasing
 - Colorful
 - Creative
 - Social spaces for students

31



Data Analysis

Although each area of the district has a set of data that is specific to their community, the team has also looked at the items that are overarching throughout the district. There is a consensus around certain desired skills and enhancements, that would be consistent with both the district vision and the community desires.



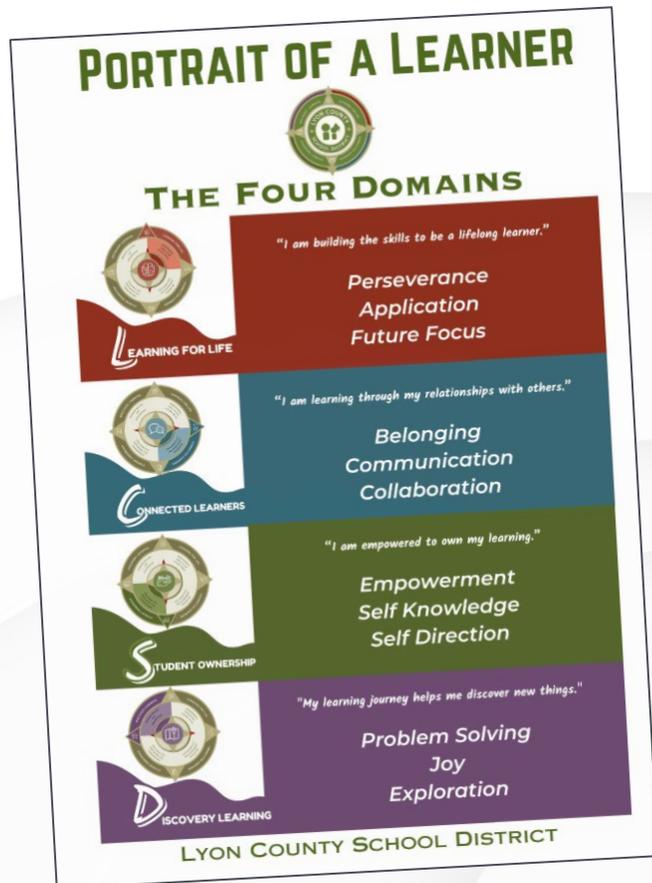
Patterns Identified - *Skills*

What **skills** should our learners possess to become leaders and innovators? The below were identified as potential concepts. Note: all campus specific requests are still on file. These represent commonalities.

- **Collaboration & Leadership**
 - Communication, collaboration, hands-on, understanding, hard working, work ethic
- **Critical Thinking**
 - Problem solving, conflict resolution, resourceful
- **Resiliency and Growth Mindset**
 - Learning, learning mindset, self motivated, diversity, responsible, determination, endurance, resilience, perseverance, tenacity, commitment, drive
- **Social Emotional Wellbeing**
 - Empathetic, compassionate, disciplined, kindness, positivity, accountable, integrity, respectful, honesty, social awareness, mental wellness, humbleness, patience, emotional intelligence
- **Creativity and Innovation**
 - Creative thinking, detail orientated, imaginative, craftsmanship, STEM

Vision For Learning

As the team has engaged with each community, a statement that defines the LCSD vision for learning has emerged. The vision closely aligns with the principles already identified in the portrait of a learner and validates the path forward regarding any capital investments.



Inform capital projects and their inherent qualities that can align with the purpose behind the portrait of a learner.

Vision For Learning

As the team has engaged with each community, a statement that defines the LCSD vision for learning has emerged. The vision closely aligns with the principles already identified in the portrait of a learner and validates the path forward regarding any capital investments.

*“Our vision for learning is to actively cultivate a **collaborative environment** that empowers students to engage in **critical thinking**, demonstrate **resilience**, and prioritize **social-emotional wellbeing**, shaping them into compassionate and resourceful **leaders**. By integrating dynamic hands-on experiences with a strong emphasis on **creativity and innovation**, we inspire learners to tackle challenges with a **growth mindset**, equipping them to thrive in a diverse and rapidly evolving world.”*

35

Patterns Identified - *Needs*

What additional *programs, resources and strategies*, as well as *facility and infrastructure needs* that would allow LCSD to move towards the identified skills?

- **CTE Spaces**
- **Outdoor Learning Environments**
- **Science Labs**
- **Performing Arts/Sports**
- **Collaboration Spaces** (Flexibility, Variety, Makerspaces)
- **Expanded Elective Course Offerings**
- **Community/Industry Partnerships** (Internships, Certifications, Shared Facilities)

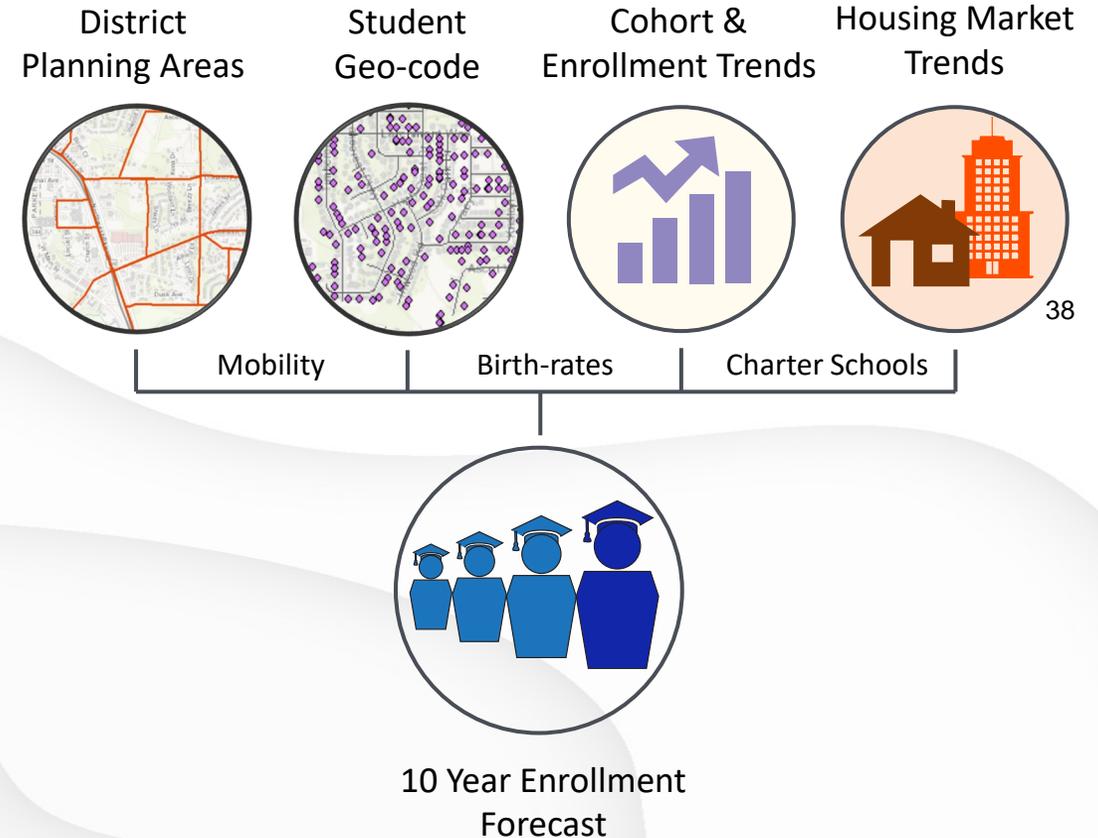
Demographics

LCSD facilitated an introduction of the City of Fernley with our team. We were able to gather data pertaining to the future development of the area as it relates to any information that will need to be integrated within the study.



Demographics

- The GIS team is creating District Planning Areas and mapping out boundaries with student geocodes
- The 3Q housing data was just so our research team is beginning to collect information from the area that will impact the enrollment
- Obtaining 2024-25' student data, along with the last 5 years of history to establish cohorts and trends
- First draft of the enrollment forecast expected in mid-December



Facility Conditions

Facility Conditions Index (FCI)

- A measure widely used in building industry to represent the physical condition of a given facility.

$$\text{FCI} = \frac{\text{Estimated Cost of Repairs + Replacements}}{\text{Replacement Value}}$$

FCI Recommendations

- Industry standard guidelines for aligning FCI to overall conditions.

65% Rule

- Once the FCI of a facility exceeds 65%, it may be financially imprudent to continue investing in the building.

FCI	Rating
Above 30%	Critical
10% - 30 %	Poor
5-10%	Fair
Below 5%	Good

Facility Conditions

Urgent

- Work that should be performed within the next year to maintain facility integrity

High

- Work that should be performed in the next 1-3 years

Medium

- Work that should be performed in the next 3-5 years

Low

- Work that should be performed after 5 years or more

Priority Considerations

- ✓ Element's Overall Condition
- ✓ Urgency of Action
- ✓ Expected Useful Life
- ✓ Deterioration rate
- ✓ Accessibility Concerns
- ✓ Life Safety/ Code Issues
- ✓ Risk of Building Shutdown
- ✓ Effect on Security
- ✓ Impact to Operational/Energy Savings

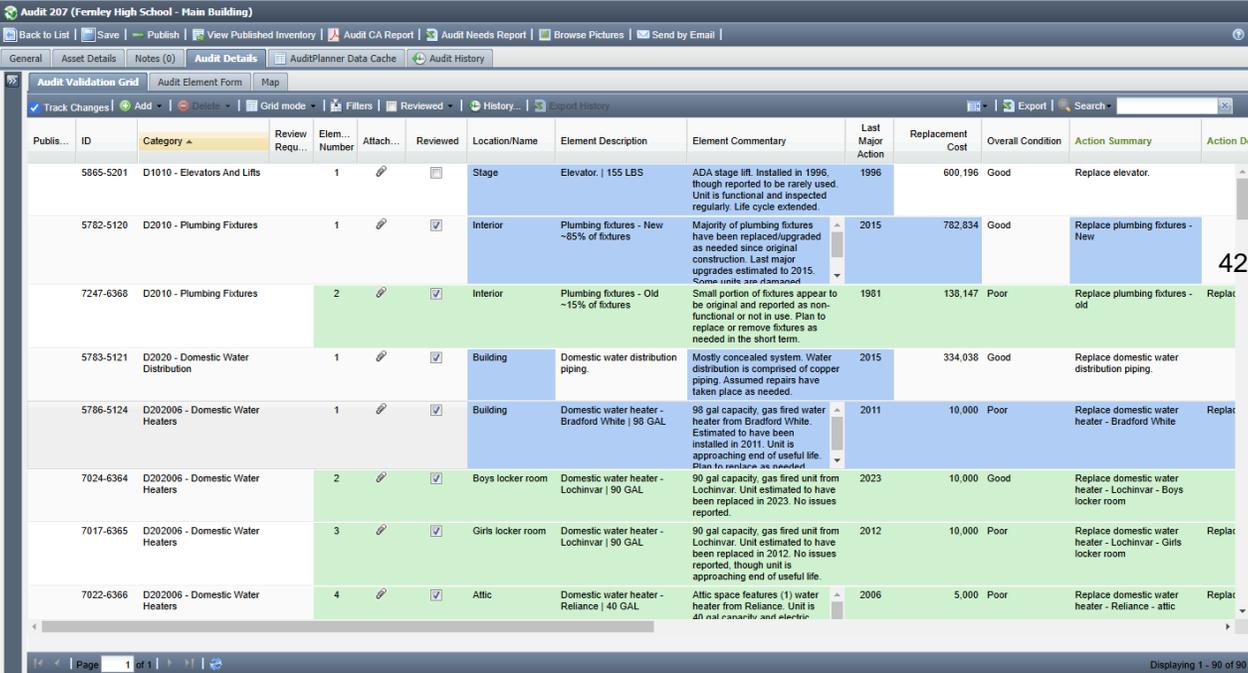
FCA – Work Completed

1. Ameresco performed Facility Condition Assessments on the LCSD portfolio
 - ~1,280,000 sq.ft.
 - 86 Assets
2. Developed life cycle cost profiles for each facility
3. Quantified the portfolios short- and long-term renewal needs
4. Ranked renewal needs based on both current and potential risks



FCA – Work Ongoing

1. Performing QA/QC on 210 total audits
2. Ensuring data is consistent and standardized
3. Costing reviews
4. Final needs analysis

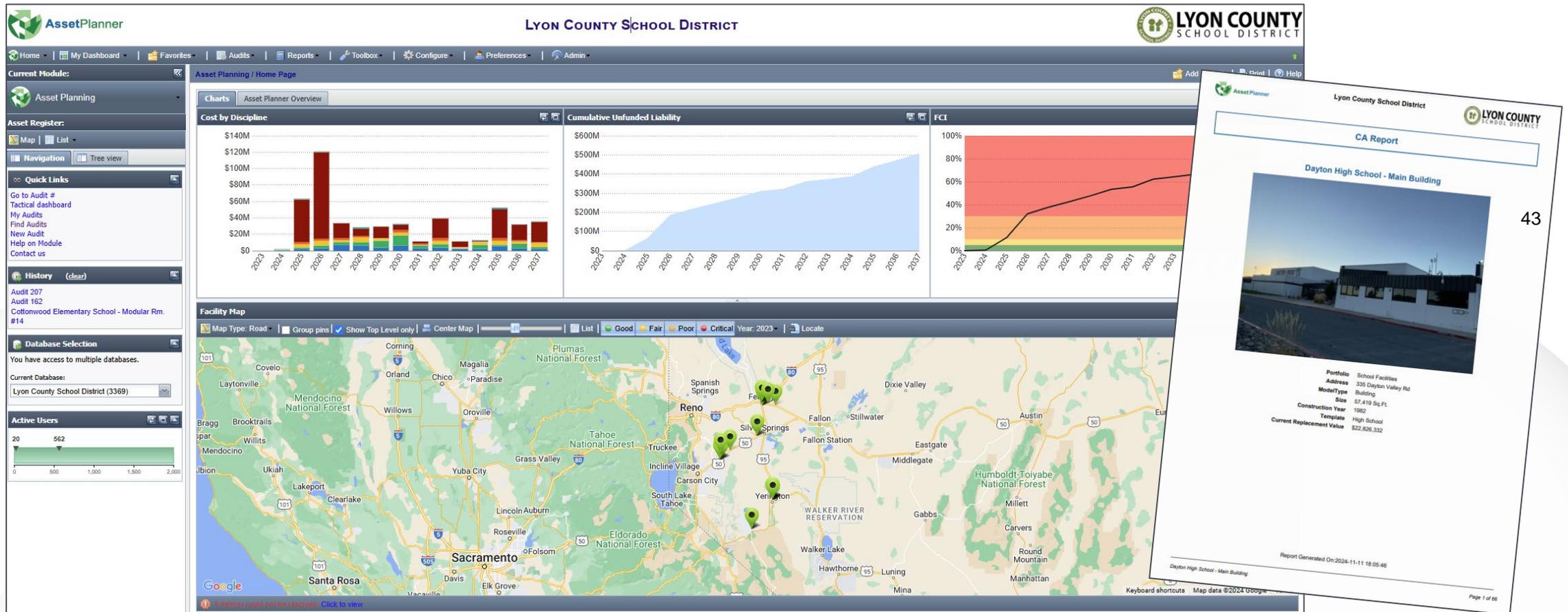


The screenshot displays the 'Audit Validation Grid' for 'Femley High School - Main Building'. The table lists various audit items with columns for ID, Category, Review Request, Element Number, Attachments, Reviewed status, Location/Name, Element Description, Element Commentary, Last Major Action, Replacement Cost, Overall Condition, Action Summary, and Action Date. The table is currently displaying page 1 of 99.

Publis...	ID	Category	Review Reque...	Elem... Number	Attach...	Reviewed	Location/Name	Element Description	Element Commentary	Last Major Action	Replacement Cost	Overall Condition	Action Summary	Action De
	5865-5201	D1010 - Elevators And Lifts	1				Stage	Elevator 155 LBS	ADA stage lift. Installed in 1996, though reported to be rarely used. Unit is functional and inspected regularly. Life cycle extended.	1996	600,196	Good	Replace elevator.	
	5782-5120	D2010 - Plumbing Fixtures	1				Interior	Plumbing fixtures - New ~85% of fixtures	Majority of plumbing fixtures have been replaced/upgraded as needed since original construction. Last major upgrades estimated to 2015. Some units are remaining.	2015	782,834	Good	Replace plumbing fixtures - New	42
	7247-6368	D2010 - Plumbing Fixtures	2				Interior	Plumbing fixtures - Old ~15% of fixtures	Small portion of fixtures appear to be original and reported as non-functional or not in use. Plan to replace or remove fixtures as needed in the short term.	1981	138,147	Poor	Replace plumbing fixtures - old	
	5783-5121	D2020 - Domestic Water Distribution	1				Building	Domestic water distribution piping.	Mostly concealed system. Water distribution is comprised of copper piping. Assumed repairs have taken place as needed.	2015	334,038	Good	Replace domestic water distribution piping.	
	5786-5124	D202006 - Domestic Water Heaters	1				Building	Domestic water heater - Bradford White 98 GAL	98 gal capacity, gas fired water heater from Bradford White. Estimated to have been installed in 2011. Unit is approaching end of useful life. Dis in ventless see attached.	2011	10,000	Poor	Replace domestic water heater - Bradford White	Replac
	7024-6364	D202006 - Domestic Water Heaters	2				Boys locker room	Domestic water heater - Lochinvar 90 GAL	90 gal capacity, gas fired unit from Lochinvar. Unit estimated to have been replaced in 2023. No issues reported.	2023	10,000	Good	Replace domestic water heater - Lochinvar - Boys locker room	
	7017-6365	D202006 - Domestic Water Heaters	3				Girls locker room	Domestic water heater - Lochinvar 90 GAL	90 gal capacity, gas fired unit from Lochinvar. Unit estimated to have been replaced in 2012. No issues reported, though unit is approaching end of useful life.	2012	10,000	Poor	Replace domestic water heater - Lochinvar - Girls locker room	Replac
	7022-6366	D202006 - Domestic Water Heaters	4				Attic	Domestic water heater - Reliance 40 GAL	Attic space features (1) water heater from Reliance. Unit is 20 gal capacity and electric.	2006	5,000	Poor	Replace domestic water heater - Reliance - attic	Replac

FCA – Work Upcoming

LCSD will receive an executive summary presentation of results and a final FCI report.



Next Steps



Next Steps

- **Validation of identified skills & related capital needs** from the area engagements
- Finalization of **demographic analysis** and identification of potential **influences on capital planning**.
- Finalization of **facility conditions assessment** and the creation of an **FCI**(Facility Conditions Index).
- Cross analysis of data streams and **identification of potential capital projects** for validation
- **Prioritization and implementation** planning



Lyon County School District

Questions?

46

orcutt | winslow

AMERESCO
Green • Clean • Sustainable