

Lakewood SD Short/Long Range Capital Facilities Plan

Meeting 2: Age/Condition, Utilization, Capacity & Growth

March 7, 2023



McGRANAHAN architects

Welcome Back!!

Introducing James Buchanan

Today's Agenda

Age/Condition of Schools

Utilization of Current Schools

Enrollment Capacity in Existing Schools

Growth Projections

Need for Future Capacity

Tour Lakewood Middle School

Principal Amanda Cote



What We Need, What We Offer

Assume positive intent when people offer ideas or questions

Seek to understand – be curious

Stay engaged in conversation – active participation

Regular reminders of timelines and due dates

Lakewood School District's Citizen's Facilities Advisory Committee Priority Survey

Respondent	1	2	3	4	5	6	7	8	9	Average Response	Rank
Growth/Future Enrollment Capacity	1	2	2	6	1	5	5	1	1	2.67	1
Educational Mission	3	4	4	1	6	1	1	7	4	3.44	2
Facility Condition Improvements to Existing Schools	2	1	5	4	3	7	3	2	6	3.67	3
Greater Variety of Learning Settings Beyond the Classroom	4	5	9	5	5	4	4	9	5	5.56	5
Equity	7	6	1	2	10	2	2	8	9	5.22	4
Longevity & Maintenance	5	3	6	10	4	6	8	3	7	5.78	7
Student/Family Support Services	8	10	8	3	9	8	6	6	10	7.56	9
Energy Efficiency & Environmental Responsibility	10	9	10	8	8	10	10	5	8	8.67	10
Community Use of District Facilities	9	7	3	7	7	9	7	10	2	6.78	8
Support Service Facilities	6	8	7	9	2	3	9	4	3	5.67	6

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Previous Conversation – Things We Value

Elementary School

Music in its own room

One to one technology

475 student elementary school feels small

Consider space for fine arts programs

Dedicated physical ed space – not in lunchroom (lunch experience is not adequate for health and well-being)

STEAM opportunities in elementary education

Self-contained spaces dedicated for special education

Spaces for students to take a quick break, reset, for wellness, opportunities to move

Previous Conversation – Things We Value

Middle School

Like the courtyard space

Dislike the open campus, uncontrolled space

Expose students to more experiences for hands-on learners: STEAM opportunities, computer science, coding

Bring experts into schools to mentor kids

Physical education is minimal, no dedicated staff

Desire more interdisciplinary learning

Physical space matters, impacts how students feel about themselves

Bring more of the HS standards down to MS

Essential Questions

What are the **near-term improvements our school buildings need**?
How should we address them?

How can our school buildings **better support students' experiences** of safety, belonging, curiosity and joy? How can they be **better learning environments across the district**?

What do we need to do with our school facilities to **accommodate anticipated growth**?

How can the **Lakewood SD educational campus** be improved with respect to play, daily traffic, and community use?

Discussion/Observations/Questions

Age and Condition of Schools

Lakewood Elementary

Built 1958, renovation/addition 1997

English Crossing Elementary

Built 1994

Cougar Creek Elementary

Built 2003

Lakewood Middle School

Built 1971, ren/addition 1994, 2002 & 2022

Lakewood High School

Built 2017



Age and Condition of Schools

Communications

Electrical

Electronic Safety and Security

Equipment

Exterior Horizontal Enclosures

Exterior Vertical Enclosures

Fire Protection

Foundations

Furnishings

HVAC

Integrated Automation

Interior Construction

Interior Finishes

Plumbing

Slabs on Grade

Superstructure

Water and Gas Mitigation

[illegible]

Support Facilities

Administration Building

Business and Operations

Storage

Bus Garage/Maintenance Shop

Stadium

Table 3
Support Facility Inventory

Facility	Building Area (Square Feet)
Administration	1,384
Business and Operations	1,152
Storage	2,456
Bus Garage/Maintenance Shop	7,416
Stadium	14,304

Discussion
Observations
Questions



Utilization of Current Schools



Lakewood Elementary School (PreK through 5th Grades)

Bilingual Education Program

Title I Remedial Services Program

P – 5th Grade Counseling Services

Speech and Language Disorder Therapy Program

Early Childhood Education and Assistance Program (ECEAP)

Developmentally Delayed Preschool Program - Ages 3 to 5

K-5th Grade Special Education Resource Room Program

K – 5th Grade Special Education Life Skills Program

Learning Assistance Program - Remedial Services

Occupational Therapy Program

Lakewood Elementary School



English Crossing Elementary School (K through 5th Grades)

Bilingual Education Program

K through 5th Grade Special Education Resource Room Program

K – 5th Grade Counseling Services

Speech and Language Disorder Therapy Program

Developmentally Delayed Preschool Program - Ages 3 to 5

Learning Assistance Program - Tutorial Services

Occupational Therapy Program

Special Education EBD Program

English Crossing Elementary School



Cougar Creek Elementary School (K through 5th Grades)

Bilingual Education Program

Title I Remedial Services Program

Speech and Language Disorder Therapy Program

Learning Assistance Program – Remedial Services (Learning Lab)

Occupational Therapy Program

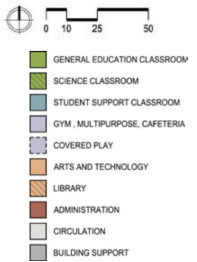
K – 5th Grade Special Education Resource Room Program

K – 5th Grade Comprehensive Skills Program (CSP)

K – 5th Grade Counseling Services

3 – 5th Highly Capable/Enrichment Program (serves grades 3-5 district-wide)

Cougar Creek Elementary School



Lakewood Middle School (6th through 8th Grades)

Bilingual Education Program

Speech and Language Disorder Therapy Program

6th-8th Grade Special Education Resource and Inclusion Program

6th-8th Grade Comprehensive Skills Program (CSP)

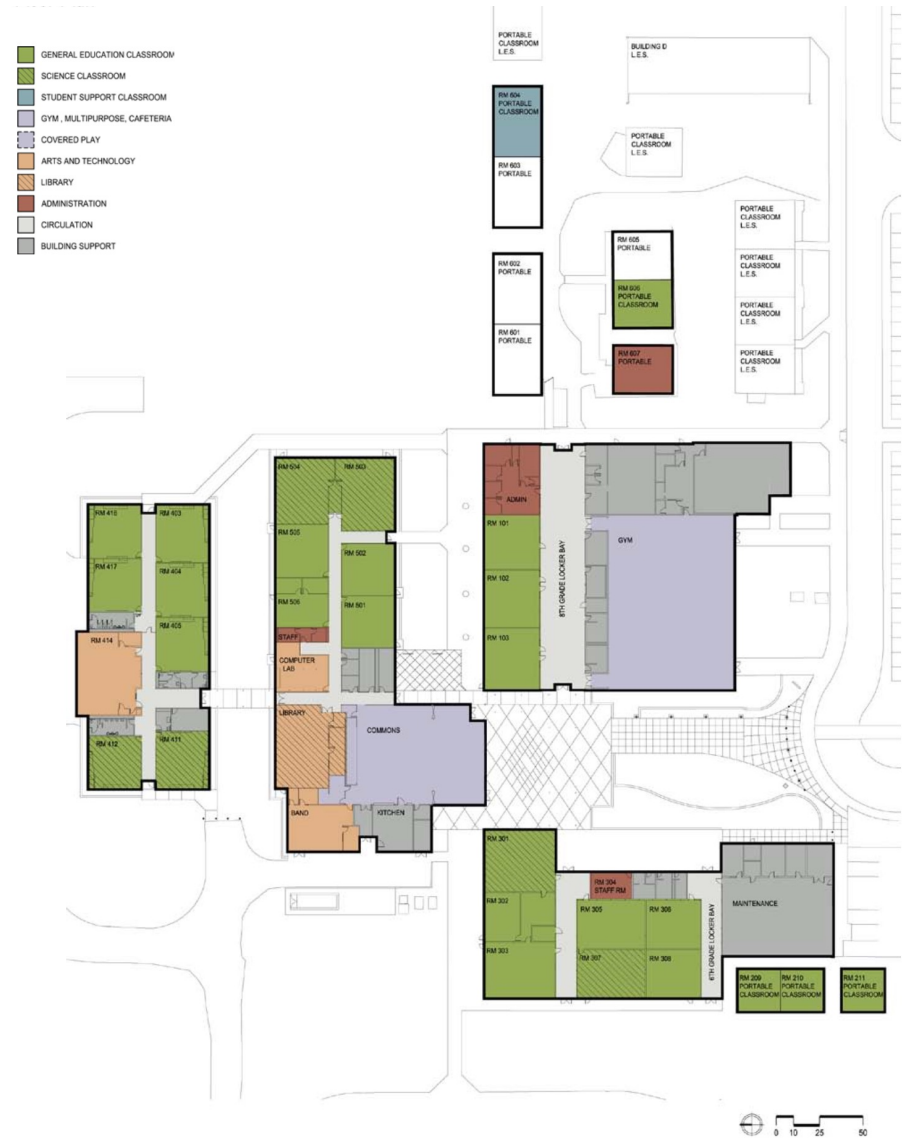
Learning Assistance Program - Tutorial Services

Occupational Therapy Program

6th – 8th EBD Program

6th – 8th Grade Counseling Services

Lakewood
Middle
School



Lakewood High School (9th through 12th Grades)

Bilingual Education Program

9th-12th Grade Special Education Resource Room and Transition Program

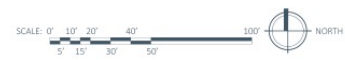
6th-12th Grade Comprehensive Skills Program (CSP)

Occupational Therapy Program

Speech and Language Disorder Program

9th – 12th Grade Counseling Program

Lakewood High School



Lakewood High School

SCIENCE / GENERAL CLASSROOM
 CAREER / TECHNICAL EDUCATION
 ARTS
 MEDIA CENTER
 ATHLETICS
 COMMONS / FOOD SERVICE
 SHARED ACTIVITY / SOCIAL AREA
 SUPPORT

SCALE: 1" = 20' 0" 40' 80' 100'
 NORTH



Level of Service, 2020-21 School Year

Elementary

Minimum Level of Service: 26 students per classroom

Reported Level of Service: 18.17 students per classroom

Middle School

Minimum Level of Service: 28 students per classroom

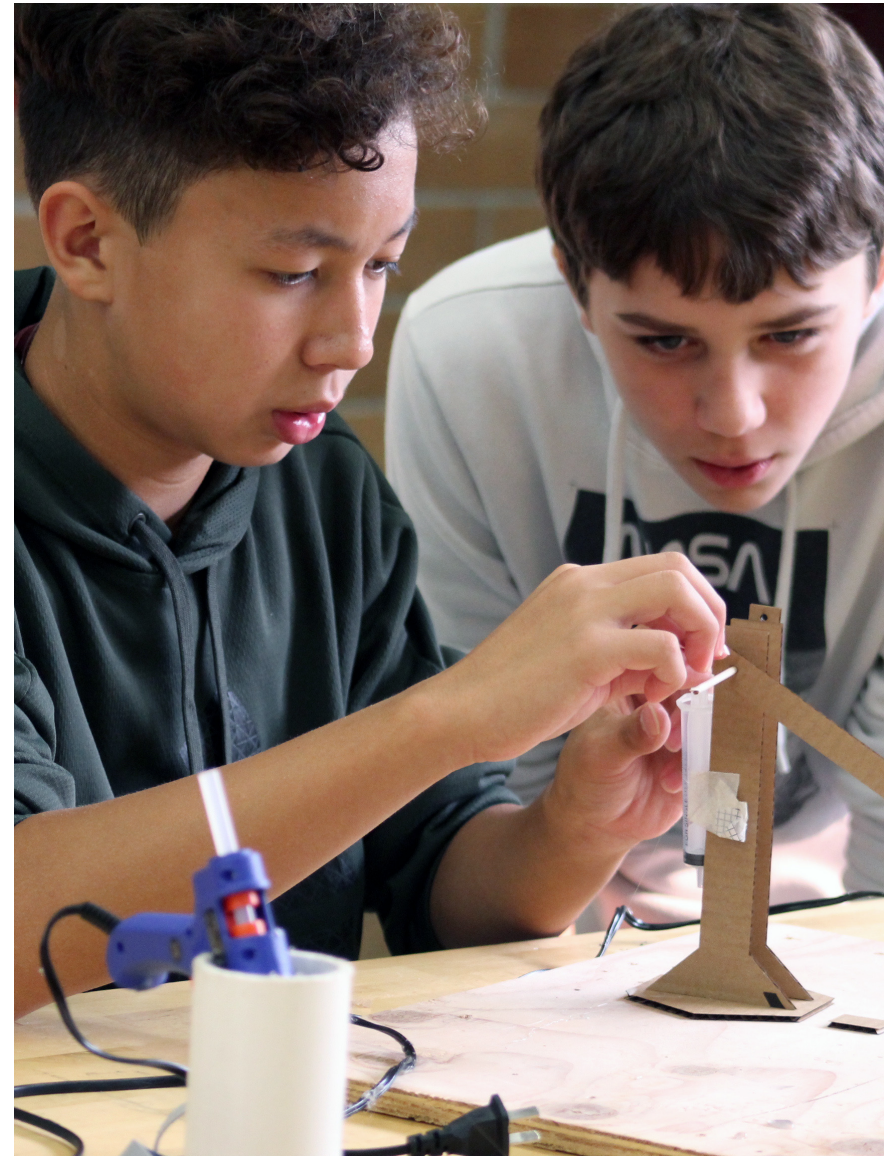
Reported Level of Service: 23.11 students per classroom

High School

Minimum Level of Service: 30 students per classroom

Reported Level of Service: 22.88 students per classroom

Discussion
Observations
Questions



Permanent Capacity of Current Schools

Lakewood Elementary

323 students, 16 Teaching Stations (20.15)

English Crossing Elementary

403 students, 20 Teaching Stations (20.18)

Cougar Creek Elementary

444 students, 22 Teaching Stations (20.18)

Lakewood Middle School

670 students, 27 Teaching Stations (24.8)

Lakewood High School

850 students, 34 Teaching Stations (25.0)

Elementary School	Permanent Capacity	Year Built or Remodeled
English Crossing	403	1994
Cougar Creek	444	2003
Lakewood	323	1958, 1997
TOTAL	1,170	

Middle School	Permanent Capacity	Year Built or Remodeled
Lakewood Middle	670	1971, 1994, 2002, 2022

High School	Permanent Capacity	Year Built or Remodeled
Lakewood High	850	2017

Enrollment Capacity in Portables

Lakewood Elementary

6 portables, 120 student interim capacity (20)

English Crossing Elementary

2 portables, 40 student interim capacity (20)

Cougar Creek Elementary

4 portables, 80 student interim capacity (20)

Lakewood Middle School

3 portables, 78 student interim capacity (26)

Lakewood High School

0 portables, 0 student interim capacity

District Total

15 portables, 318 student interim capacity

Elementary School	Relocatable Classrooms	Interim Capacity
English Crossing	2	40
Cougar Creek	4	80
Lakewood	6	120
SUBTOTAL	12	240

Middle School	Relocatable Classrooms	Interim Capacity
Lakewood Middle	3	78
SUBTOTAL	3	78

High School	Relocatable Classrooms	Interim Capacity
Lakewood High	0	0
SUBTOTAL	0	0

TOTAL	15	318
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Current Enrollment & Permanent/Portable Capacity

Lakewood Elementary – 426 Students, 2021-22 (PreK-5)

Total capacity: $323 + 120 = 443$ (27% in portables)

English Crossing Elementary – 331 Students, 2021-22 (K-5)

Total capacity: $403 + 40 = 443$ (9% in portables)

Cougar Creek Elementary – 378 Students, 2021-22 (K-5)

Total capacity: $444 + 80 = 524$ (15% in portables) (20.5% of ES in portables)

Lakewood Middle School – 584 Students, 2021-22 (6-8)

Total capacity: $670 + 78 = 748$ (10% of MS in portables)

Lakewood High School – 799 Students, 2021-22 (9-12)

Total capacity: 850 (0% of HS in portables)

District Total – 2,517 Students

Total capacity: 3,008 students (10.6% in portables)

Impact of Portables on the Whole School

Safety/Security

Multiple points of entry to monitor & secure

Students outside between classroom and the rest of school

Additional Use of Common Facilities – more students using same spaces

Food Service/PE: cafeteria & kitchen, more lunch periods, less physical education

Library

Music

Counseling & Specialists

Connectedness

Teacher collaboration, grade level relationships beyond classroom

Student services brought to students

How Do We Know If We Have Extra Space?

Elementary – total 2021-22 enrollment: 1,135 Students (PreK-5)

Total permanent capacity: 1,170 students (+35 student capacity)

Total portable capacity: 240 students (appear to have 24% extra)

Lakewood Middle School – total 2021-22 enrollment: 584 Students (6-8)

Total capacity: 670 students (+86 student capacity)

Total portable capacity: 78 students (appear to have 28% extra)

Lakewood High School – total 2021-22 enrollment: 799 Students (9-12)

Total capacity: 850 students (appear to have 6% extra)

District Total – total 2021-22 enrollment: 2,517 Students

Total capacity: 3,008 students (appear to have 19% extra)

Growth Projections

District-wide, 2021 - 2027

2021-22: 2,517 students

2027-28: 2,791 students

274 additional students (10.9%)

Summary

Figure 3 provides annual district-wide building attendance forecasts (FTE) per individual grade and per grade group, while Figure 4 provides annual forecasts (also FTE) of students attending each of the elementary, middle, and high school buildings/programs.

- Between the 2021-22 and 2027-28 school years, district-wide building enrollment (FTE) is forecasted to increase from 2,517.30 to 2,790.81, or by 10.9 percent
- Disaggregated to grade groups, the annual district-wide building attendance forecasts represent the following enrollment changes:
 - K-5 enrollment from 1,134.52 to 1,250.17 (10.2 percent increase)
 - 6-8 enrollment from 584.08 to 697.90 (19.5 percent increase)
 - 9-12 enrollment from 798.70 to 842.75 (5.5 percent increase)



Growth Projections

Elementary

2021-22: 1,135 students

2027-28: 1,250 students, +115

Middle School

2021-22: 584 students

2027-28: 698 students, + 114

High School

2021-22: 799 students

2027-28: 843 students, + 44

Summary

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 - 9-12 enrollment from 798.70 to 842.75 (5.5 percent increase)



Growth Projections – Capacity With/Without Portables

Elementary

2027-28: 1,250 students

Permanent Capacity: 1,170 (-80)

With Portables, +240: 1,410 students (+160)

Middle School

2027-28: 698 students

Permanent Capacity: 670 (-28)

With Portables, +78: 748 students (+50)

High School

2027-28: 843 students

Permanent Capacity: 850 students (+7)

Assume Full Utilization Now - Capacity for Growth

Elementary

2027-28: +155 additional students = 8 additional classrooms (12 current portables)

8 classrooms in aging buildings, built more than 50 years ago (Lakewood ES)

Replace aging, portables + growth = 28 classrooms

Middle School

2027-28: +114 additional students = 5 additional classrooms (3 current portables)

9 classrooms in aging buildings, built more than 50 years ago (Lakewood MS)

Replace aging, portables + growth = 17 classrooms

High School

2027-28: +44 additional students = utilize remaining capacity

Discussion in Groups



Observations/Questions



Next Meeting

Topics: Atmosphere and Fitness for Use

March 21, 6pm at English Crossing Elementary

