

Colorado Springs D11 1115 N. El Paso Street Colorado Springs, CO 80903 719.520.2000 Cooperative Strategies 12600 W. Colfax Avenue, Bldg. A-250 Lakewood, CO 80215 720.466.8680



### TABLE OF CONTENTS

<u>S E</u>	CTION	PAGE
ACI	KNOWLEDGMENTS	3
I.	EXECUTIVE SUMMARY	4
II.	ELEMENTARY SCHOOL STANDARDS (350 STUDENTS)	6
III.	ELEMENTARY SCHOOL STANDARDS (500 STUDENTS)	10
IV.	MIDDLE SCHOOL STANDARDS (500 STUDENTS)	14
٧.	HIGH SCHOOL STANDARDS (1,500 STUDENTS)	19

ACKNOWLEDGMENTS JANUARY 2023

### **ACKNOWLEDGMENTS**

Cooperative Strategies extends our appreciation to the Colorado Springs D11 for commissioning these educational facility standards. Special acknowledgements go to the staff members that who invested their time and energies envisioning the renovations for current facilities and parameters for new facilities to serve the students of the District at the elementary, middle and high school levels.

#### **BOARD OF EDUCATION**

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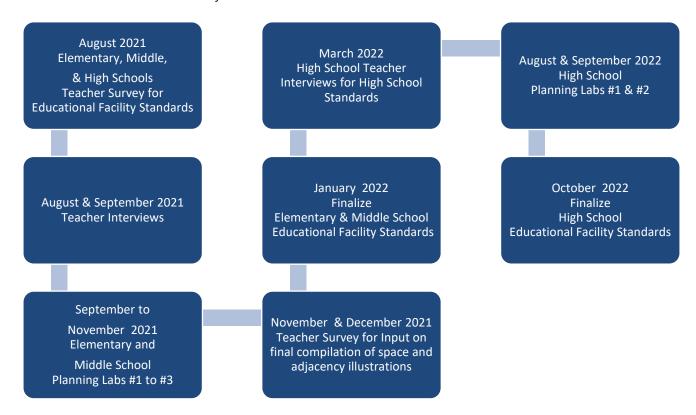
Terry Seaman, PMP, Executive Director Jonathan Furda, Capital Program Manager Hannah F. DeFord, RA, LEEDAP BD+C, Project Manager

#### **COOPERATIVE STRATEGIES**

Kerrianne Wolf, Senior Director Susan Miller, Senior Director David Sturtz, Executive Director I.EXECUTIVE SUMMARY JANUARY 2023

### I. EXECUTIVE SUMMARY

The Colorado Springs School District D11 developed and approved a Facilities Master Plan (FMP) in the Spring of 2021 with a vision to move forward with a bond program to support its long-range facilities plan. The LRFP incorporated a re-envisioning of the learning spaces at the primary and secondary levels to serve D11 students. The District, with the assistance of Cooperative Strategies, solicited input from teachers, school leaders, and District administrators to develop the educational facility standards that may be used in the future should funding become available to address the District's current facilities' needs, investments in renovations, and new facilities at the primary and secondary levels. Through a series of teacher surveys and interviews at the primary and secondary level, CS and the District team facilitated a series of planning labs. The CS team and District members met in small groups to engage in the work to review and update the District's Educational Facility Standards for future renovations and/or new facilities for primary and secondary learning spaces. Below is a brief timeline of the development of the District's Educational Facility Standards.



I.EXECUTIVE SUMMARY JANUARY 2023

This document provides the educational facility standards for the following size and type of school:

- Elementary facility standards, capacity: 350 students with illustrations
- Elementary facility standards, capacity: 500 students with illustrations
- Middle school facility standards, capacity: 500 students with illustrations
- High school facility standards, capacity: 1,500 students with illustrations

Each group of educational facility standards includes:

- Capacity calculations
- Use of space (by category):
  - o Core academics
  - o Special education
  - Visual arts
  - Music
  - Library/media/information center
  - Physical education
  - Food service
  - o Administration / welcome center
  - Building support services
- School facility standard illustrations

# II. ELEMENTARY SCHOOL FACILITY STANDARDS COMPILATION OF SPACE (350 STUDENTS)

#### **CAPACITY CALCULATIONS**

Grade Level / Type	Students per TS (#)	TS	# Students
Core Academic & Science Classrooms	25	14	350
Self-Contained Special Education	8	1	8
Total:		15	358

ACADEMIC BALANCE					
# students in school Divided by Total SF SF per student					
358	54,685	153			

ELEMENTARY SCHOOL COMPILATION OF SPACE SUMMARY					
Acadomic Space	Teaching	Total			
Academic Space	Stations	<b>Square Feet</b>			
Core Academics	14	18,505			
Special Education	1	2,450			
Visual Arts		1,325			
Music		3,100			
Library / Media / Information Center		3,050			
Physical Education		4,950			
Food Service		4,610			
Administration / Welcome Center		3,775			
Building Support Services		300			
PROGRAM ONLY	15 42,065				
TARE (sq. ft.)	12,620				
GROSS (sq. ft.)	54,685				

Core Academics	TS	Quantity	SF	Total
Pre-Kindergarten Classroom with Restrooms	2	2	1,100	2,200
Kindergarten Classroom with Restrooms	2	2	1,100	2,200
1st through 5th grade classrooms	10	10	825	8,250
Wet Lab / STEAM / Makerspace		1	1,100	1,100
Prep/Storage		1	150	150
Extended Learning Areas with Presentation Space		3	450	1,350
Small Group Tutor Room		3	125	375
Conference Room		3	100	300
Teacher Plan/Work		3	300	900
Teacher Dining		2	425	850
Storage		2	415	830
Core Academics Subtotal:	14			18,505

Special Education	TS	Quantity	SF	Total
Self Contained for Severe Profound / Low Incidence	1	1	825	825
Storage		1	50	50
Restroom with Shower & Changing table - adjacent to Self Contained Classroom		1	100	100
Therapy: Occupational / Physical		1	300	300
Therapy: Speech / Language		1	200	200
Cool Down / Sensory Room		2	75	150
Resource room with mobile wall		1	825	825
Special Education Subtotal:	1			2,450

Visual Arts	TS	Quantity	SF	Total
Visual Arts 2 dimensional / 3 dimensional Studio with gallery/display space		1	1,100	1,100
Visual Arts Storage		1	150	150
Kiln Room		1	75	75
Visual Arts Subtotal:				1,325

Music	TS	Quantity	SF	Total
General / Vocal Music with sink		1	1,100	1,100
General / Vocal Music Storage		1	150	150
Instrumental Music with sink		1	1,650	1,650
Instrumental Storage		1	200	200
Music Subtotal:				3,100

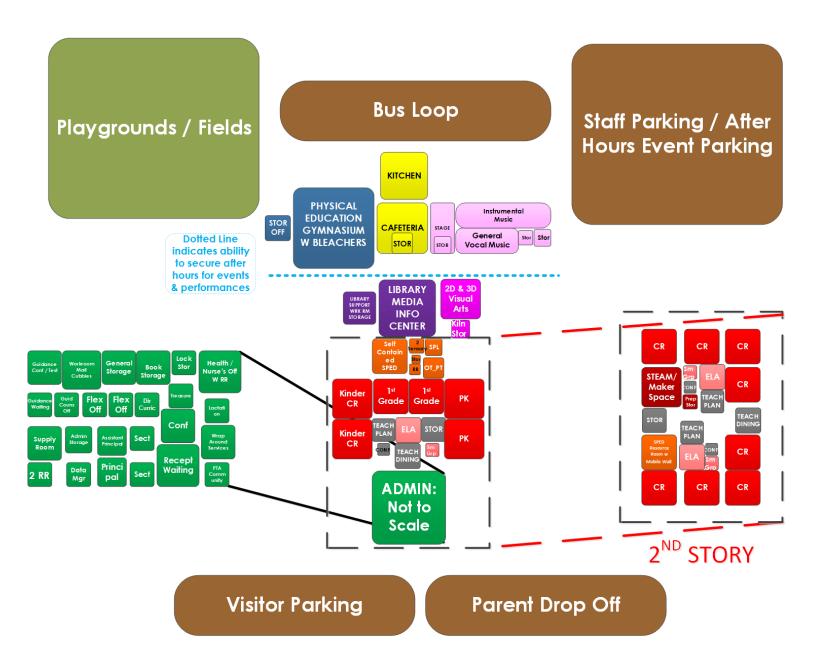
Library / Media / Information Center	TS	Quantity	SF	Total
Media Center		1	2,200	2,200
Office		1	100	100
Workroom		1	250	250
Video Production Room		1	250	250
Small Group Work Rooms		2	125	250
Library / Media / Information Center Subtotal:				3,050

Physical Education	TS	Quantity	SF	Total
Gymnasium		1	3,500	3,500
Bleachers		1	1,000	1,000
Office		1	150	150
Storage		1	300	300
Physical Education Subtotal:				4,950

Food Service	TS	Quantity	SF	Total
Cafeteria		1	1,750	1,750
Kitchen:				
Preparation / Cooking		1	429	429
Serving Area		1	429	429
Dry Food Storage		1	123	123
Freezer / Cooler		1	123	123
Ware Washing Area		1	123	123
Toilets / Locker / Break Area / Changing		1	200	200
Office		1	110	110
Cafeteria Table & Chair Storage		1	300	300
Presentation/Performance Seating - Cafeteria				
Stage		1	825	825
Storage		1	200	200
Food Service Subtotal:				4,610

Administration / Welcome Center	TS	Quantity	SF	Total
Principal		1	150	150
Assistant Principal		1	150	150
Reception / Waiting Area		1	300	300
Data Manager		1	100	100
Treasurer		1	100	100
Curriculum coordinator / facilitator		1	100	100
Secretary		2	100	200
Restroom		2	50	100
Other student services / itinerant staff offices		2	100	200
Workroom / Mail Cubbies		1	250	250
Conference		1	200	200
PTA / Community in Schools Office		1	100	100
Wrap Around Services: Clothing Closet / Food Pantry		1	200	200
Lactation Room		1	100	100
Storage				
Administrative Storage		1	125	125
Book storage		1	200	200
General storage		1	200	200
Records (Lockable Vault / Testing)		1	100	100
Supply room		1	200	200
Health		1	200	200
Restroom		2	50	100
Waiting Area				
Nurse's Workspace / Area				
Treatment Area(s) with Contagion/Sick vs Non Contagion/Well Access to Laundry				
Facilities, Bathroom with Shower, Sink & Toilet, and Refrigerator/Icemaker				
Screening / Storage Room				
Guidance				
Counselor Workspace		1	100	100
Waiting Area		1	100	100
Conference / Testing / Meeting		1	200	200
Administration / Welcome Center Subtotal:				3,775

### II. ELEMENTARY SCHOOL FACILITY STANDARDS 350 STUDENTS ILLUSTRATION



# III. ELEMENTARY SCHOOL FACILITY STANDARDS COMPILATION OF SPACE (500 STUDENTS)

CAPACITY CALCULATIONS							
Grade Level / Type	Students per TS (#)	TS	# Students				
Self-Contained Special Education	8	1	8				
Core Academic & Science Classrooms	25	20	500				
Total:		21	508				

ACADEMIC BALANCE					
# students in school Divided by Total SF SF per student					
508 66,027 130					

ELEMENTARY SCHOOL COMPILATION OF SPACE SUMMARY				
Acadomic Space	Teaching	Total		
Academic Space	Stations	<b>Square Feet</b>		
Core Academics	20	23,880		
Special Education	1	3,275		
Visual Arts	0	1,325		
Music	0	3,750		
Library / Media / Information Center	0	3,150		
Physical Education	0	5,450		
Food Service	0	5,885		
Administration / Welcome Center	0	3,775		
Building Support Services	0	300		
PROGRAM ONLY	21	50,790		
TARE (sq. ft.)	15,237			
GROSS (sq. ft.)	66,027			

Core Academics	TS	Quantity	SF	Total
Pre-Kindergarten Classroom with Restrooms	2	2	1,100	2,200
Kindergarten Classroom with Restrooms	3	3	1,100	3,300
1st through 5th grade classrooms	15	15	825	12,375
Wet Lab / STEAM / Makerspace		1	1,100	1,100
Prep/Storage		1	150	150
Extended Learning Areas with Presentation Spaces		3	450	1,350
Small Group Tutor Room		3	125	375
Conference Room		3	100	300
Teacher Plan/Work		3	350	1,050
Teacher Dining		2	425	850
Storage		2	415	830
Core Academics Subtotal:	20			23,880

Special Education	TS	Quantity	SF	Total
Self Contained for Severe Profound / Low Incidence	1	1	825	825
Storage		1	50	50
Restroom with Shower & Changing table - adjacent to Self Contained Classroom		1	100	100
Therapy: Occupational / Physical		1	300	300
Therapy: Speech / Language		1	200	200
Cool Down / Sensory Room		2	75	150
Resource Rooms with mobile wall		2	825	1,650
Special Education Subtotal:	1			3,275

Visual Arts		Quantity	SF	Total
Visual Arts 2 dimensional / 3 dimensional Studio with gallery/display space		1	1,100	1,100
Visual Arts Storage		1	150	150
Kiln Room		1	75	75
Visual Arts Subtotal:				1,325

Music	TS	Quantity	SF	Total
General / Vocal Music with sink		1	1,100	1,100
General / Vocal Music Storage		1	150	150
Instrumental Music with sink		1	2,200	2,200
Instrumental Storage		1	300	300
Music Subtotal:				3,750

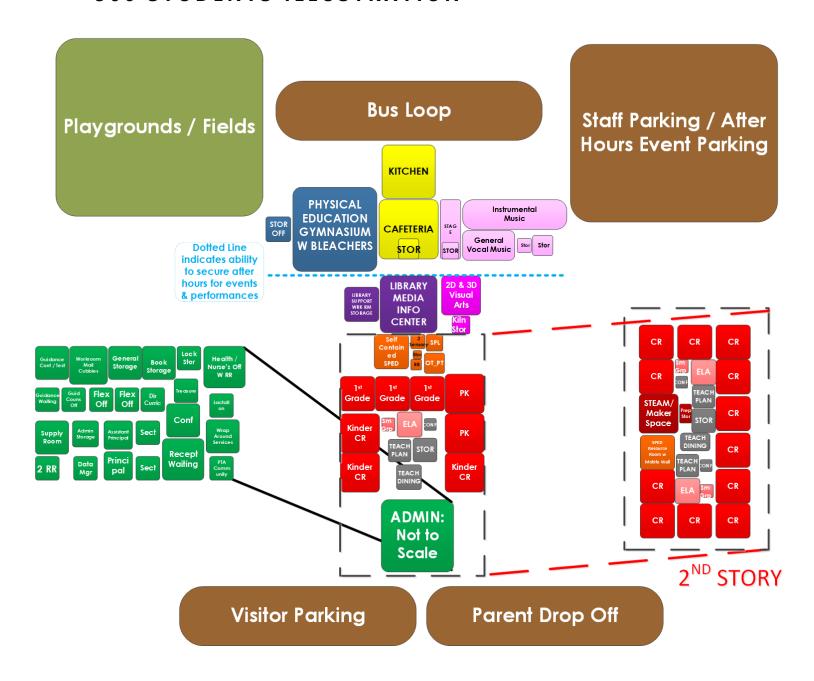
Library / Media / Information Center	TS	Quantity	SF	Total
Media Center		1	2,300	2,300
Office		1	100	100
Workroom / Storage		1	250	250
Video Production Room		1	250	250
Small Group Work Rooms		2	125	250
Library / Media / Information Center Subtotal:				3,150

Physical Education	TS	Quantity	SF	Total
Gymnasium		1	4,000	4,000
Bleachers		1	1,000	1,000
Office		1	150	150
Storage		1	300	300
Physical Education Subtotal:				5,450

Food Service	TS	Quantity	SF	Total
Cafeteria		1	2,500	2,500
Kitchen:				
Preparation / Cooking		1	613	613
Serving Area		1	613	613
Dry Food Storage		1	175	175
Freezer / Cooler		1	175	175
Ware Washing Area		1	175	175
Toilets / Locker / Break Area / Changing		1	200	200
Office		1	110	110
Cafeteria Table & Chair Storage		1	300	300
Presentation/Performance Seating - Cafeteria				
Stage		1	825	825
Storage		1	200	200
Food Service Subtotal:				5,885

Administration	TS	Quantity	SF	Total
Principal		1	150	150
Assistant Principal		1	150	150
Reception / Waiting Area		1	300	300
Data Manager		1	100	100
Treasurer		1	100	100
Curriculum coordinator / facilitator		1	100	100
Secretary		2	100	200
Restroom		2	50	100
Other student services / itinerant staff offices		2	100	200
Workroom / Mail Cubbies		1	250	250
Conference		1	200	200
PTA / Community in Schools Office		1	100	100
Wrap Around Services: Clothing Closet / Food Pantry		1	200	200
Lactation Room		1	100	100
Storage				
Administrative Storage		1	125	125
Book storage		1	200	200
General storage		1	200	200
Records (Lockable Vault / Testing)		1	100	100
Supply room		1	200	200
Health		1	200	200
Restroom		2	50	100
Waiting Area				
Nurse's Workspace / Area				
Treatment Area(s) with Contagion/Sick vs Non Contagion/Well Access to Laundry				
Facilities, Bathroom with Shower, Sink & Toilet, and Refrigerator/Icemaker				
Screening / Storage Room				
Guidance				
Counselor Workspace		1	100	100
Waiting Area		1	100	100
Conference / Testing / Meeting		1	200	200
Administration / Welcome Center Subtotal:				3,775

### III. ELEMENTARY SCHOOL FACILITY STANDARDS 500 STUDENTS ILLUSTRATION



# IV. MIDDLE SCHOOL FACILITY STANDARDS COMPILATION OF SPACE (500 STUDENTS)

#### **CAPACITY CALCULATIONS**

Grade Level / Type	Students per TS (#)	TS	# Students
MUSIC	30	2	60
Core Academic & Science Classrooms	30	15	450
Self-Contained Special Education	8	2	16
Total:		19	526

ACADEMIC BALANCE				
# students in school Divided by Total SF SF per student				
526	76,616	146		

MIDDLE SCHOOL COMPILATION OF SPACE SUMMARY				
Academic Space	Teaching	Total		
Academic Space	Stations	<b>Square Feet</b>		
Core Academics	15	18,950		
Special Education	2	3,650		
Visual Arts		1,325		
Music / Performance	2	8,775		
Library / Media / Information Center		3,150		
Physical Education		13,800		
Food Service	5,010			
Administration / Welcome Center	3,975			
Building Support Services	300			
PROGRAM ONLY	19 58,935			
TARE (sq. ft.)	17,681			
GROSS (sq. ft.)	76,616			

Core Academics	TS	Quantity	SF	Total
Classroom	9	9	825	7,425
Tech Lab - Computer Science	1	1	825	825
Science Lab	3	3	1,100	3,300
Prep/Storage		3	125	375
Extended Learning Areas with Presentation Space		3	425	1,275
Small Group Tutor Room		3	125	375
Conference Room		3	100	300
Teacher Plan/Work		3	325	975
Teacher Dining		1	825	825
Storage		1	825	825
Makerspace	2	2	1,100	2,200
Prep/Storage		2	125	250
Core Academics Subtotal:	15	2	123	18,950
core Academics Subtotal.	13			10,930
Special Education	TS	Quantity	SF	Total
Self Contained for Severe Profound / Low Incidence	1	1	825	825
Life Skills: with Kitchen & Restroom	1	1	1,100	1,100
Storage		2	50	100
Restroom with Shower with Changing Table - adjacent to Self Contained Classroom		1	150	150
Therapy: Occupational / Physical		1	300	300
Therapy: Speech / Language		1	200	200
Cool Down / Sensory Room		2	75	150
Resource Room with mobile wall		1	825	825
Special Education Subtotal:	2	'	023	3,650
Special Education Subtotal.	2			3,030
Visual Arts	TS	Quantity	SF	Total
Visual Arts 2 dimensional / 3 dimensional Studio with gallery/display space		1	1,100	1,100
5 , 1 , 1				-
Visual Arts Storage		1	150	150
		1	150 75	150 75
Kiln Room				75
Kiln Room				
Kiln Room Visual Arts Subtotal:	TS			75
Kiln Room Visual Arts Subtotal: Music / Performance	TS 1	1	75	75 1,325
Kiln Room Visual Arts Subtotal: Music / Performance		1 Quantity	75 SF	75 1,325 Total
Kiln Room Visual Arts Subtotal:  Music / Performance General / Vocal Music with sink General / Vocal Music Storage		1 Quantity	75 SF 1,100	75 1,325 Total 1,100
Kiln Room Visual Arts Subtotal:  Music / Performance  General / Vocal Music with sink  General / Vocal Music Storage  Band / Orchestra Classroom with sink	1	Quantity 1 1	75 SF 1,100 150	75 1,325 Total 1,100 150
Kiln Room  Visual Arts Subtotal:  Music / Performance  General / Vocal Music with sink  General / Vocal Music Storage  Band / Orchestra Classroom with sink  Instrumental Music Storage	1	Quantity 1 1	75 SF 1,100 150	75 1,325 Total 1,100 150
Kiln Room  Visual Arts Subtotal:  Music / Performance  General / Vocal Music with sink  General / Vocal Music Storage  Band / Orchestra Classroom with sink	1	Quantity 1 1 1	75 SF 1,100 150 2,200	75 1,325 Total 1,100 150 2,200
Kiln Room  Visual Arts Subtotal:  Music / Performance  General / Vocal Music with sink  General / Vocal Music Storage  Band / Orchestra Classroom with sink  Instrumental Music Storage  Sheet Music Storage / Music Library  Music Instrument Storage	1	1 Quantity 1 1 1 1 1 1 1	75 SF 1,100 150 2,200 150	75 1,325 Total 1,100 150 2,200
Kiln Room  Visual Arts Subtotal:  Music / Performance  General / Vocal Music with sink  General / Vocal Music Storage  Band / Orchestra Classroom with sink  Instrumental Music Storage  Sheet Music Storage / Music Library  Music Instrument Storage	1	1 Quantity 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	75  SF 1,100 150 2,200  150 300	75 1,325 <b>Total</b> 1,100 150 2,200 150 300
Kiln Room  Visual Arts Subtotal:  Music / Performance  General / Vocal Music with sink  General / Vocal Music Storage  Band / Orchestra Classroom with sink  Instrumental Music Storage  Sheet Music Storage / Music Library  Music Instrument Storage  Practice rooms  Ensemble rooms	1	1 Quantity 1 1 1 1 1 1 1 1 2	75  SF 1,100 150 2,200  150 300 75	75 1,325 Total 1,100 150 2,200 150 300 150
Kiln Room  Visual Arts Subtotal:  Music / Performance  General / Vocal Music with sink  General / Vocal Music Storage  Band / Orchestra Classroom with sink  Instrumental Music Storage  Sheet Music Storage / Music Library  Music Instrument Storage  Practice rooms  Ensemble rooms  Auditorium Seating	1	1 Quantity 1 1 1 1 1 1 2 2	75 SF 1,100 150 2,200 150 300 75 100	75 1,325 Total 1,100 150 2,200 150 300 150 200
Kiln Room  Visual Arts Subtotal:  Music / Performance  General / Vocal Music with sink  General / Vocal Music Storage  Band / Orchestra Classroom with sink  Instrumental Music Storage  Sheet Music Storage / Music Library  Music Instrument Storage  Practice rooms  Ensemble rooms  Auditorium Seating  Stage	1	1 Quantity 1 1 1 1 1 1 2 2 1 1	75 SF 1,100 150 2,200 150 300 75 100 3,200	75 1,325 Total 1,100 150 2,200 150 300 150 200 3,200
Kiln Room  Visual Arts Subtotal:  Music / Performance  General / Vocal Music with sink  General / Vocal Music Storage  Band / Orchestra Classroom with sink  Instrumental Music Storage  Sheet Music Storage / Music Library  Music Instrument Storage  Practice rooms  Ensemble rooms  Auditorium Seating	1	1 Quantity 1 1 1 1 1 2 2 2 1 1	75 SF 1,100 150 2,200 150 300 75 100 3,200 825	75 1,325 Total 1,100 150 2,200 150 300 150 200 3,200 825
Kiln Room  Visual Arts Subtotal:  Music / Performance  General / Vocal Music with sink  General / Vocal Music Storage  Band / Orchestra Classroom with sink  Instrumental Music Storage  Sheet Music Storage / Music Library  Music Instrument Storage  Practice rooms  Ensemble rooms  Auditorium Seating  Stage  Sound & Lighting Booth  Storage: Costume & Props	1	1 Quantity 1 1 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	75  SF 1,100 150 2,200  150 300 75 100 3,200 825 200	75 1,325 Total 1,100 150 2,200 150 300 150 200 3,200 825 200
Kiln Room  Visual Arts Subtotal:  Music / Performance  General / Vocal Music with sink  General / Vocal Music Storage  Band / Orchestra Classroom with sink  Instrumental Music Storage  Sheet Music Storage / Music Library  Music Instrument Storage  Practice rooms  Ensemble rooms  Auditorium Seating  Stage  Sound & Lighting Booth  Storage: Costume & Props  Music / Performance Subtotal:	1	1 Quantity 1 1 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	75  SF 1,100 150 2,200  150 300 75 100 3,200 825 200	75 1,325  Total 1,100 150 2,200  150 300 150 200 3,200 825 200 300
Kiln Room  Visual Arts Subtotal:  Music / Performance  General / Vocal Music with sink  General / Vocal Music Storage  Band / Orchestra Classroom with sink  Instrumental Music Storage  Sheet Music Storage / Music Library  Music Instrument Storage  Practice rooms  Ensemble rooms  Auditorium Seating  Stage  Sound & Lighting Booth  Storage: Costume & Props  Music / Performance Subtotal:	1	1 Quantity 1 1 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	75  SF 1,100 150 2,200  150 300 75 100 3,200 825 200	75 1,325  Total 1,100 150 2,200  150 300 150 200 3,200 825 200 300
Kiln Room  Visual Arts Subtotal:  Music / Performance  General / Vocal Music with sink  General / Orchestra Classroom with sink  Instrumental Music Storage  Sheet Music Storage / Music Library  Music Instrument Storage  Practice rooms  Ensemble rooms  Auditorium Seating  Stage  Sound & Lighting Booth  Storage: Costume & Props  Music / Performance Subtotal:	1	1 Quantity 1 1 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	75  SF 1,100 150 2,200  150 300 75 100 3,200 825 200 300	75 1,325  Total 1,100 150 2,200  150 300 150 200 3,200 825 200 300 8,775
General / Vocal Music Storage Band / Orchestra Classroom with sink Instrumental Music Storage Sheet Music Storage / Music Library Music Instrument Storage Practice rooms Ensemble rooms Auditorium Seating Stage Sound & Lighting Booth	1	1 Quantity  1 1 1 1 1 2 2 1 1 1 1 1 1 Quantity	75  SF 1,100 150 2,200  150 300 75 100 3,200 825 200 300  SF	75 1,325  Total 1,100 150 2,200  150 300 150 200 3,200 825 200 300 8,775  Total
Kiln Room  Visual Arts Subtotal:  Music / Performance  General / Vocal Music with sink  General / Vocal Music Storage  Band / Orchestra Classroom with sink  Instrumental Music Storage  Sheet Music Storage / Music Library  Music Instrument Storage  Practice rooms  Ensemble rooms  Auditorium Seating  Stage  Sound & Lighting Booth  Storage: Costume & Props  Music / Performance Subtotal:  Library / Media / Information Center  Media Center	1	1 Quantity  1 1 1 1 1 2 2 1 1 1 1 1 1 Quantity 1	75  SF 1,100 150 2,200  150 300 75 100 3,200 825 200 300  SF 2,300	75 1,325  Total 1,100 150 2,200  150 300 150 200 3,200 825 200 300 8,775  Total 2,300
Kiln Room  Visual Arts Subtotal:  Music / Performance  General / Vocal Music with sink  General / Vocal Music Storage  Band / Orchestra Classroom with sink  Instrumental Music Storage  Sheet Music Storage / Music Library  Music Instrument Storage  Practice rooms  Ensemble rooms  Auditorium Seating  Stage  Sound & Lighting Booth  Storage: Costume & Props  Music / Performance Subtotal:  Library / Media / Information Center  Media Center  Office	1	1 Quantity 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1	75  SF 1,100 150 2,200  150 300 75 100 3,200 825 200 300  SF 2,300 100	75 1,325  Total 1,100 150 2,200  150 300 150 200 3,200 825 200 300 8,775  Total 2,300 100

250

3,150

125

Small Group Work Rooms

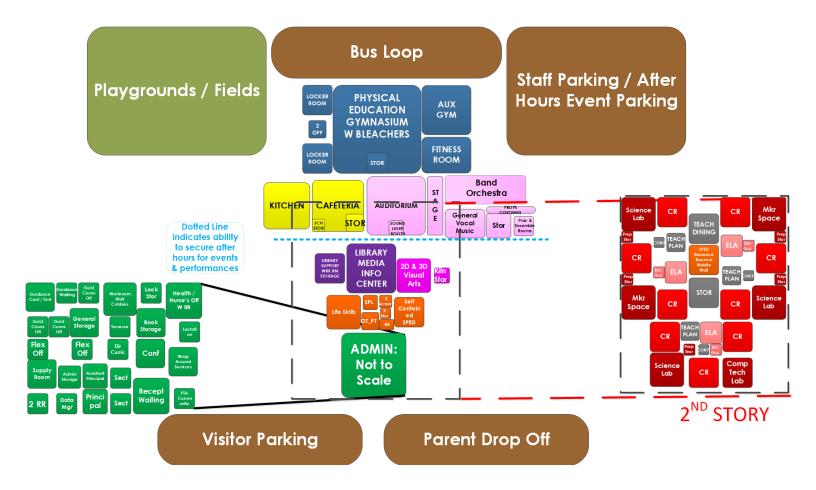
Library / Media / Information Center Subtotal:

Physical Education	TS	Quantity	SF	Total
Gymnasium		1	5,400	5,400
Bleachers		1	2,000	2,000
Locker Rooms		2	825	1,650
Office with Shower		2	150	300
Storage		1	400	400
Multipurpose / Fitness Room: (Wrestling, Dance, Strength, etc.)		1	1,700	1,700
Auxiliary Gym		1	2,350	2,350
Physical Education Subtotal:				13,800

Food Service	TS	Quantity	SF	Total
Cafeteria		1	2,500	2,500
Kitchen:				
Preparation / Cooking		1	613	613
Serving Area		1	613	613
Dry Food Storage		1	175	175
Freezer / Cooler		1	175	175
Ware Washing Area		1	175	175
Toilets / Locker / Break Area / Changing		1	200	200
Office		1	110	110
Cafeteria Table & Chair Storage		1	300	300
School Store		1	150	150
Food Service Subtotal:				5,010

Administration / Welcome Center	TS	Quantity	SF	Total
Principal		1	150	150
Assistant Principal		1	150	150
Reception / Waiting Area		1	300	300
Data Manager		1	100	100
Treasurer		1	100	100
Curriculum coordinator / facilitator		1	100	100
Secretary		2	100	200
Restroom		2	50	100
Other student services / itinerant staff offices		2	100	200
Workroom / Mail Cubbies		1	250	250
Conference		1	200	200
PTA / Community in Schools Office		1	100	100
Wrap Around Services: Clothing Closet / Food Pantry		1	200	200
Lactation Room		1	100	100
Storage				
Administrative Storage		1	125	125
Book storage		1	200	200
General storage		1	200	200
Records (Lockable Vault / Testing)		1	100	100
Supply room		1	200	200
Health		1	200	200
Restroom		2	50	100
Waiting Area				
Nurse's Workspace / Area				
Treatment Area(s) with Contagion/Sick vs Non Contagion/Well Access to Laundry				
Facilities, Bathroom with Shower, Sink & Toilet, and Refrigerator/Icemaker				
Screening / Storage Room				
Guidance				
Counselor Workspace		3	100	300
Waiting Area		1	100	100
Conference / Testing / Meeting		1	200	200
Administration / Welcome Center Subtotal:				3,975

### IV. MIDDLE SCHOOL FACILITY STANDARDS 500 STUDENTS ILLUSTRATION



### V. HIGH SCHOOL FACILITY STANDARDS 1,500 STUDENTS COMPILATION OF SPACE

#### CAPACITY CALCULATIONS

Grade Level / Type	Students per TS (#)	TS	# Students
Core Academic & Science Classrooms	30	35	1,050
PE	30	3	90
CTE	15	5	75
PERFORMING ARTS	30	5	150
VISUAL ARTS	30	3	90
Special Education	15	3	45
Total:		54	1,500

ACADEMIC BALANCE				
# students in school Divided by Total SF SF per student				
1,500	243,636	162		

HIGH SCHOOL COMPILATION OF SPACE SUMMARY				
Academic Space	Teaching	Total		
	Stations	Square Feet		
Core Academics	35	47,615		
Career & Technical Education	5	5,000		
Special Education	3	5,990		
Visual Arts	3	5,615		
Performing Arts	5	29,360		
Library / Media / Information Center		5,075		
Physical Education	3	44,720		
Food Service	13,600			
Administration / Welcome Center		13,270		
Building Support Services	300			
PROGRAM ONLY	54	170,545		
TARE (sq. ft.)	73,091			
GROSS (sq. ft.)	243,636			

Core Academics	TS	Quantity	SF	Total
9th through 12th grade classrooms	19	19	850	16,150
Science Lab/Classroom: Biology Set Up with eye wash	4	4	1,320	5,280
Science Lab/Classroom: Chemistry Set Up with emergency shower & fume hood	4	4	1,320	5,280
Science Lab/Classroom: Sports Exercise/Health/Medical Explorations, Nutrition, etc.	4	4	1,320	5,280
Science Prep / Storage		6	200	1,200
Extended Learning Areas with Projection from Classroom & Presentation Spaces		4	425	1,700
Small Group Collaborative Work / Tutor Rooms		4	425	1,700
Conference Room		2	200	400
Teacher Plan/Work/Copy/Offices		4	425	1,700
Teacher Dining		4	425	1,700
Storage		4	425	1,700
World Languages:	4	4	850	3,400
Community Kitchen for Cultural Cooking Demo/Dining, Dance, Cultural Arts		1	850	850
Central library to store shared resources		1	850	850
Recording & broadcasting studio - audio: podcasts, radio, etc. See Visual Arts & LMC - Green Screen with Acoustics		1	425	425
Core Academics Subtotal:	35			47,615

Special Education	TS	Quantity	SF	Total
Fundamentals of Study Skills (high incidence, mild disabilities)	1	1	850	850
Learning Lab (Resource Room)	1	1	850	850
SSN (Significant Support Needs) - Life Skills - with Kitchen, Classroom, Washer/Dryer, Restroom with Shower & Changing Room	1	1	1,320	1,320
Therapy: Occupational / Physical / Speech / Language		1	500	500
Small Group Collaborative Work / Tutor Rooms		2	425	850
Calming Room / Cool Down / Sensory Room		2	75	150
Offices: SPED Teachers, Ed. Assistants, Social Worker with personal storage, desks, etc.		1	1,320	1,320
Storage		1	150	150
Special Education Subtotal:	3			5,990

Career & Technical Education	TS	Quantity	SF	Total
ACE	1	1	1,000	1,000
Computer Science	1	1	1,000	1,000
Yearbook/Journalism	1	1	1,000	1,000
Business and Marketing	1	1	1,000	1,000
Graphic Arts	1	1	1,000	1,000
Career & Technical Education Subtotal:	5			5,000

Library / Media / Information Center	TS	Quantity	SF	Total
Stacks		1	850	850
Collaborative areas for large groups - multiuse space for maximum 30		2	850	1,700
Small Group Collaborative Work / Tutor Rooms		2	425	850
Study areas: Quiet individual learning pods (study carrells) - safe space for introverts		1	425	425
Office		1	150	150
Workroom / Storage		1	250	250
Café area with platform/stage, microphone/sound system & stage lighting - presentation/performance space		1	850	850
Library / Media / Information Center Subtotal:				5,075

Performing Arts	TS	Quantity	SF	Total
Auditorium with fly and wing space, stage lights and spot lights		1	4,500	4,500
Orchestra pit with cover		1	1,500	1,500
Stage		1	1,500	1,500
Lighting Booth		1	250	250
Sound Booth - not walled in		1	250	250
Makeup/Dressing Rooms with restrooms male/female		2	500	1,000
Scene Shop Design & Construction		1	1,320	1,320
Costume Design & Fabrication		1	1,320	1,320
Storage: Costumes, Sets/Scenery, & Props		1	1,320	1,320
Ticket Booth with air conditioning		1	200	200
Black Box Theater / Drama Classroom	1	1	2,700	2,700
Band Classroom - direct outdoor access with windows, with wood floors	1	1	2,700	2,700
Orchestra Classroom with windows, with wood floors	1	1	2,700	2,700
Choir Classroom - wood floor with mirrors and windows on walls	1	1	2,100	2,100
Practice Rooms		3	75	225
Ensemble Rooms		1	425	425
Performing Arts Offices		5	130	650
Music Storage:				
Risers				
Choir Robes			1,800	1,800
Music Stands & Chairs				
Band Uniforms		1		
Musical Instruments				
Sheet Music				
Dance Studios - sprung floor under marley floor	1	1	2,700	2,700
Dance Storage		1	200	200
Performing Arts Subtotal:	5			29,360

Visual Arts	TS	Quantity	SF	Total
2D Visual Arts Classroom	1	1	1,350	1,350
3D Visual Arts Classroom	1	1	1,350	1,350
Digital Arts Classroom	1	1	850	850
Office(s)		3	130	390
Storage		3	100	300
Kiln Room		1	100	100
Extended Learning Area: Gallery / Display space - See Auditorium lobby		1	850	850
Paint Patio		1	425	425
Visual Arts Subtotal:	3			5,615

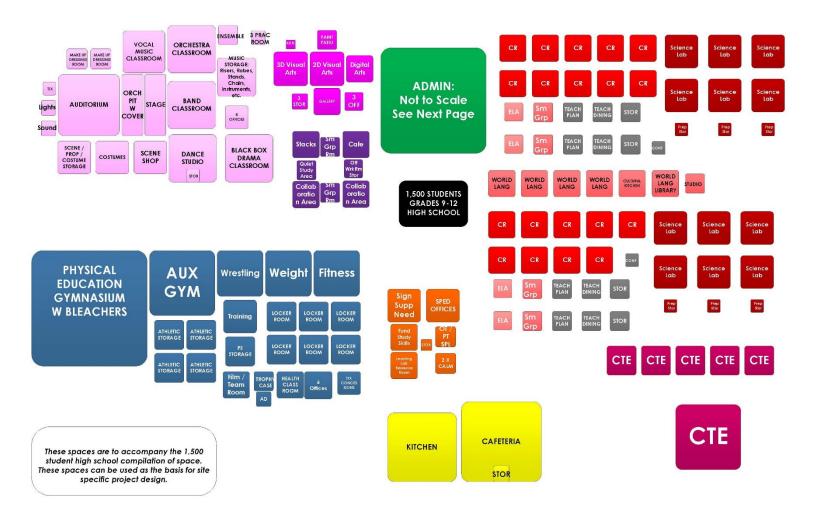
Physical Education	TS	Quantity	SF	Total
Gymnasium w lobby for Trophy Cases / Alumni Display	1	1	10,000	10,000
Bleachers		1	6,000	6,000
Auxiliary Gymnasium	1	1	5,000	5,000
Wrestling Room		1	2,500	2,500
Weight Room		1	2,500	2,500
Fitness Room		1	2,500	2,500
Training Room		1	1,320	1,320
Film / Team Room(s) - Support/Advisory to Scholar Athletes		1	850	850
Locker rooms: PE, Athletics, Male, Female, Visitor, Pool		6	1,000	6,000
Offices with Restrooms & Showers: Teachers, Coaches, Referees		6	150	900
PE Storage		1	1,000	1,000
Athletics Storage		4	1,000	4,000
Athletic Director office with admin assistant		1	250	250
Alumni Display / Trophy Case		1	425	425
Health Classroom	1	1	850	850
Ticket Booth with air conditioning		1	200	200
Concessions		1	425	425
Physical Education Subtotal:	3			44,720

Food Service	TS	Quantity	SF	Total
Cafeteria		1	7,500	7,500
Kitchen:				
Preparation / Cooking		1	1,838	1,838
Serving Area		1	1,838	1,838
Dry Food Storage		1	525	525
Freezer / Cooler		1	525	525
Ware Washing Area		1	525	525
Toilets / Locker / Break Area / Changing with Washer & Dryer / Shower		1	400	400
Office		1	150	150
Cafeteria Table & Chair Storage		1	300	300
Outdoor Dining				
Food Service Subtotal:				13,600

Administration / Welcome Center	TS	Quantity	SF	Total
OFFICES		Ĭ		
Principal		1	300	300
Assistant Principal		3	260	780
Curriculum coordinator / facilitator		1	150	150
Drop out prevention interventionist		1	150	150
Dean's Office		2	260	520
Data Processor		1	150	150
Treasurer / Bookkeeper		2	150	300
Secretary		2	150	300
Registrar		2	150	300
Attendance Officer		2	150	300
Other student services / itinerant staff flex offices		2	150	300
Community Liaison Organizer		1	150	150
Resource officer (CO Springs Police Department)		1	150	150
Guidance Counselor Office		8	150	1,200
Reception / Waiting Area		1	400	400
Guidance Waiting Area		1	100	100
Guidance Conference / Testing / Meeting		1	200	200
Career Center		1	850	850
Security Team Office		1	600	600
Community Liaison with storage		1	400	400
Health / Nurse's Office with assistant		1	400	400
Restroom		2	50	100
Waiting Area				
Nurse's Workspace / Area				
Treatment Area(s) with Contagion/Sick vs Non Contagion/Well Access to Laundry				
Facilities, Bathroom with Shower, Sink & Toilet, and Refrigerator/Icemaker				
Screening / Storage Room				
In School Suspension		1	850	850
Conference Room		1	200	200
Lactation Room		1	100	100
Storage & Supplies		1	845	845
Records (Lockable Vault)		1	100	100
Records (Lockable for Testing)		1	100	100
Workroom / Mail Cubbies		1	425	425
Production & Printing for ES & MS		1	850	850
PTA / Community Room		1	850	850
School Store / Sales Window		1	850	850
Administration / Welcome Center Subtotal:				13,270

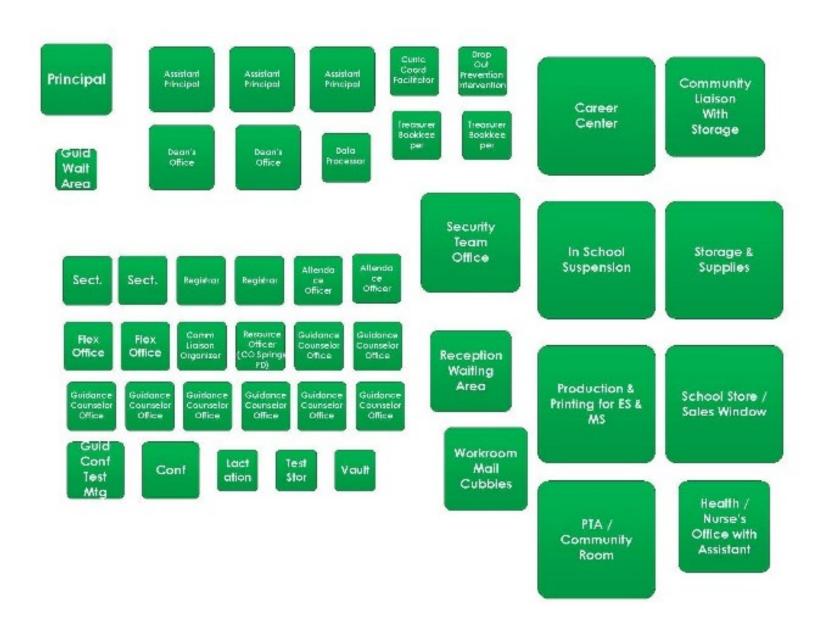
### V. HIGH SCHOOL FACILITY STANDARDS 1,500 STUDENTS ILLUSTRATIONS

These spaces are to accompany the 1,500-student high school compilation of space. These spaces can be used as the basis for site specific project design.



#### **Administration / Welcome Center:**

These spaces are to accompany the 1,500-student high school compilation of space. These spaces can be used as the basis for site specific project design. Because the administrative spaces are relatively smaller than the other program area spaces, these representations were created double their scaled size for ease of viewing.



These spaces are to accompany the 1,500-student high school compilation of space. These spaces can be used as the basis for site specific project design. These shapes and spaces can be used to assist with site feature such as parking, playfields, and the potential of a 2<sup>nd</sup> story.

