

## K-12 Program Guide

### Rules of Thumb for Gross Square Footage

1-Dec-21

			Typical Maximum Capacity (not Func. Cap.)	SF/Student	SF/room	Additional Information
<b>Classrooms by Grade</b>						
	4K		22	55	1,200	attached toilet room and coat area should be added to this SF
	Kindergarten		22	55	1,200	attached toilet room and coat area should be added to this SF
	Classrooms Rooms Grades 1-5		25	35	900	
	Classrooms Rooms Grades 6-12		30	30	900	
	Science		30	50	1,500	does not include attached storage area
	Foreign Language					
	Classroom		30	30	900	
	Small Group Collaboration		4	30	120	1 small group room per 3-4 classrooms
	Large Group Collaboration		90	30	2,700	1 per grade or 1 per 2 grades
<b>Specialized Areas</b>						
	Art		30	50	1,500	does not include attached storage area
	Music					
	General Music Classroom		30	35	1,050	
	Band		60	50	3,000	min. 2,000SF - does not include attached storage areas
	Orchestra		30	50	1,500	does not include attached storage areas
	Chorus		30	35	1,050	
	Ensemble		15	50	750	
	Computer		30	40	1,200	
	Family and Consumer Education (FaCE)					
	Foods Lab		30	50	1,500	
	Design Lab		30	50	1,500	
	Classroom		30	30	900	
	Technical Education					
	Tech Ed Lab		30	110	3,300	minimum 1,800 SF
	Classroom		30	30	900	
	Drafting		30	50	1,500	
	Auto		30	150	4,500	minimum 2,500 SF
	PLTW		30	75	2,250	
	Special Education					
	CD		12	100	1,200	includes roll in shower & bathroom w/changing table
	OT/PT activity			500		typically one student and staff at a time
	Classroom			50	450	
	Physical Education					
	Gym (1 station)		30	250	7,500	approx 7,500 per teaching station (basketball court)
	Locker room			60		
	Bleacher Seating					Assume 5 sf per person
	Library					size for a minimum of 15% student population
	Main space for stacks and seating		90	55	4,950	Does not include conference rooms and storage (verify # students) - some documents reference a rule of thumb for 8-10 SF per student population?
	Cafeteria					
	seating for rectangular tables			15		per student seated
	seating for round tables			18		per student seated
	seating for casual variety			25		per student seated
	Serving Line			4		multiply by students per lunch period (750 SF minimum)
	Kitchen		2.0 - 2.5			multiply by total meals served (includes storage)
	Auditorium					
	Seating area			12		per person
	stage				3,500	does not include auxiliary spaces
	Pre function			7		per person
	Staff Lounge					
	Staff		25	25	625	
<b>Recommended Acreage per School</b>						
	Elementary		10 Acres			***Buildable Acreage** additional space needed for stormwater management, easements, wetlands, topography, setbacks, etc.
	Middle		20 Acres			plus 1 acre for every 100 students
	High		30 Acres			plus 1 acre for every 100 students
<b>Recommended Gross SF per Student for</b>						
	Elementary	small	medium	large		
	Elementary	190	170	150		small < 200, medium 500, large >600
	Middle	220	200	180		small < 400, medium 800, large >1000
	High (w/o auditorium, pool)	300	250	200		small < 500, medium 1100, large >1600
	High (w/ auditorium, pool)	415	310	250		small < 500, medium 1100, large >1600