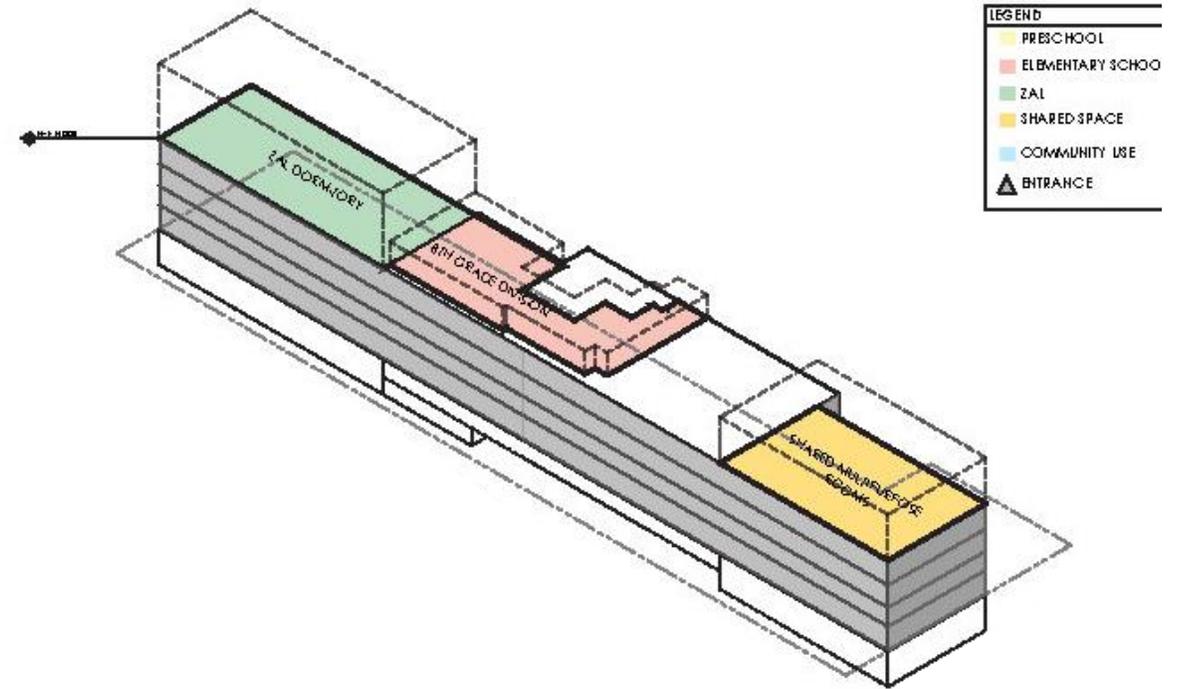
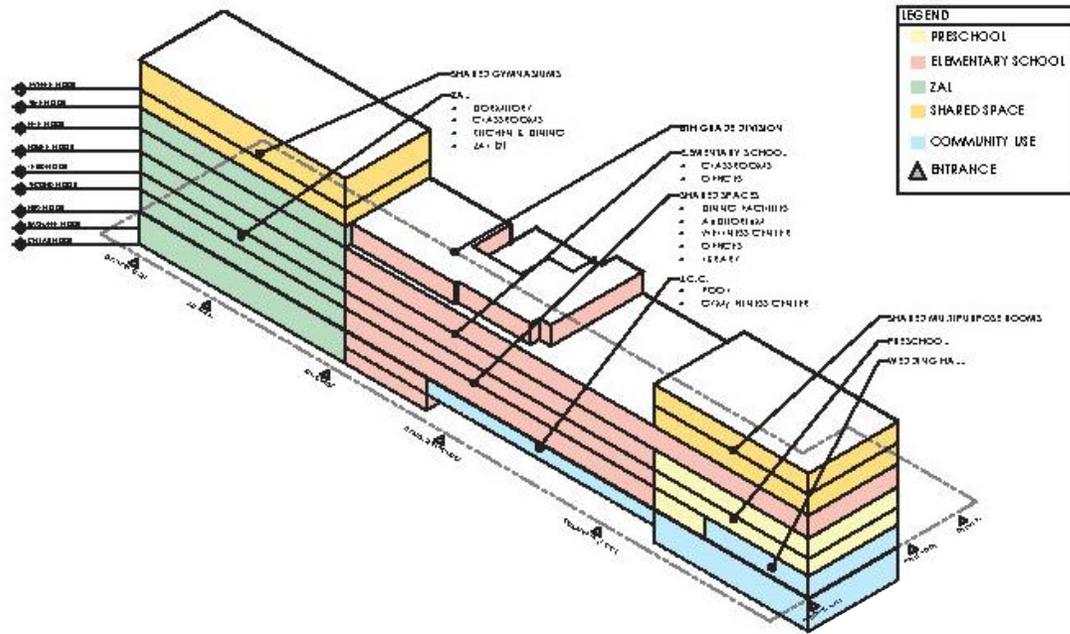


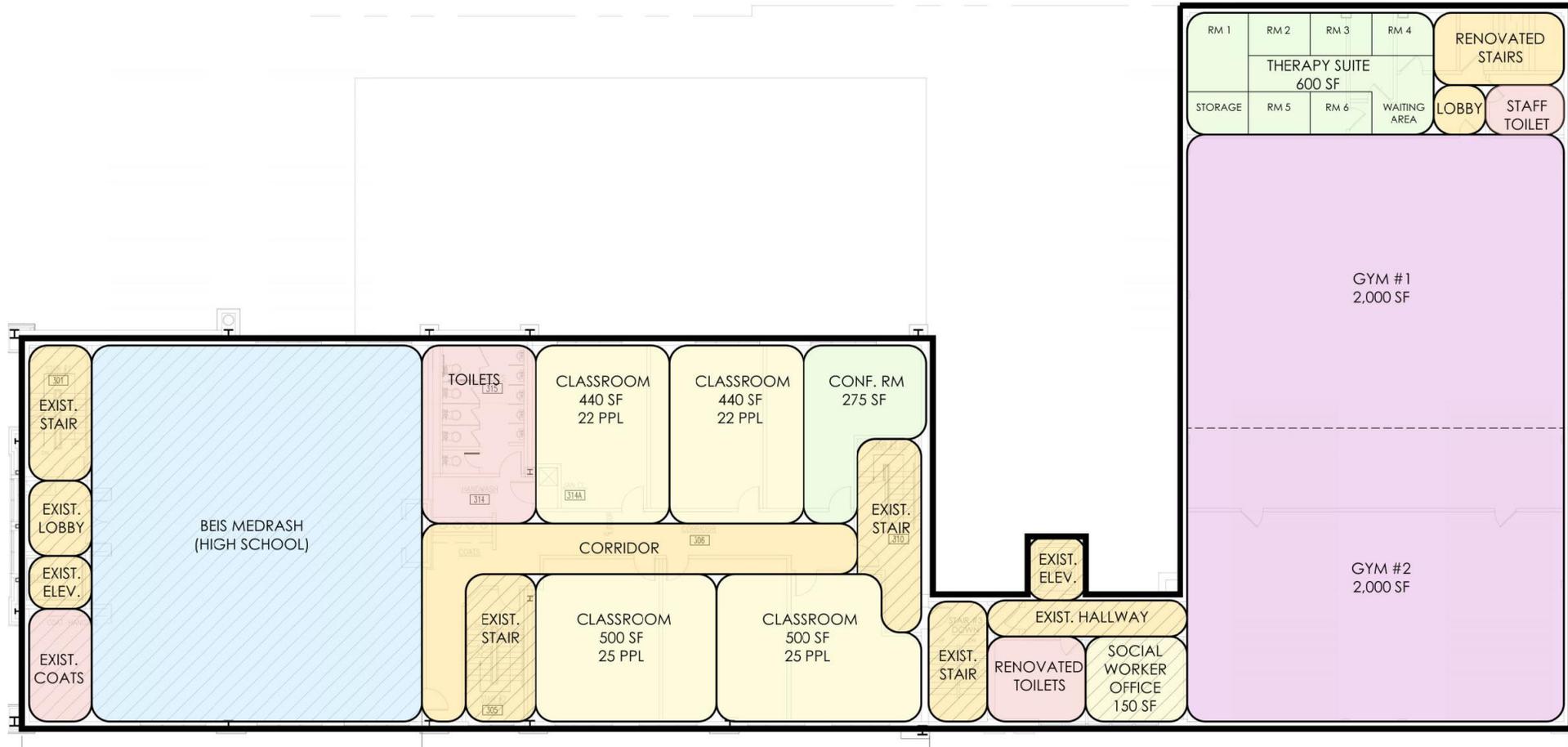
PLANNING FOR THE FUTURE: THE ARCHITECT'S ROLE



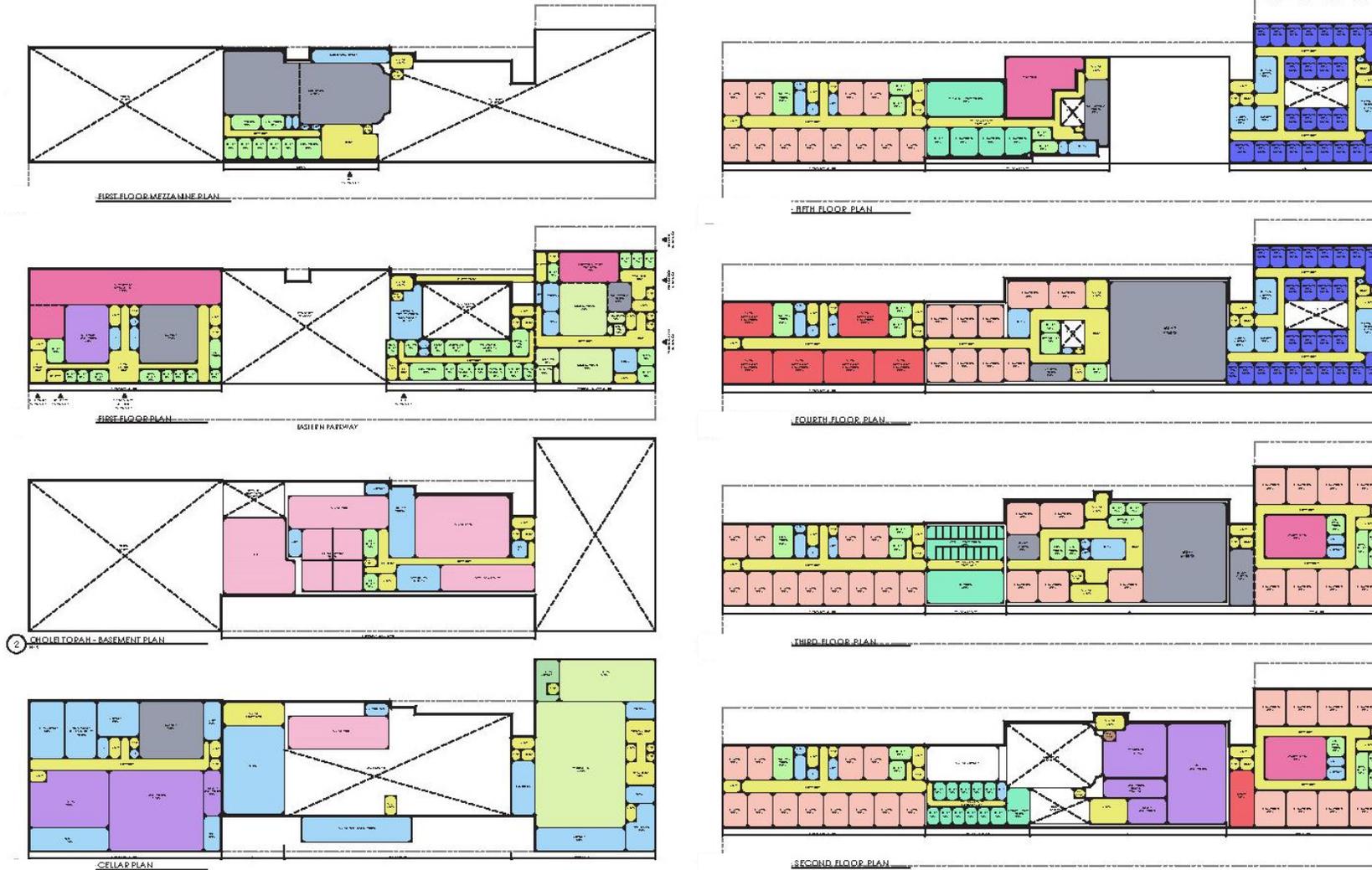
THE NEED FOR A MASTER PLAN



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HOW CAN THE ARCHITECT HELP?

SPACE TYPES

The OT programmatic needs encompass the following spatial types. Each type will be discussed and elaborated upon in a separate section below:

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ALL DIVISIONS

ASSEMBLY SPACES

Every division in the school from the Preschool to the Zal voiced a great need for more assembly spaces. Additionally, certain programmatic functions are impossible to operate due to this space shortage. Ideally each division would have their own Assembly Space but they can be shared if longer time slots were allocated. Functions requiring assembly are daily minyan, school assemblies, plays and performances, graduation and extracurricular activities including the Tzivos Hashem program.

WHAT WE HEARD:

- The Wedding Hall functions as the only Public Assembly Space but it is often unavailable for school use other than during Sefira when there are no weddings in the community. That said Shabbatonim and other conferences often rent this space as well throughout the year.
- Several programmatic functions occur within the Lunchroom including davening and meals; meals are set up during davening which disturbs and distracts the children
- The existing Third Floor Tefilla/Assembly Space for the upper grades cannot fit the entire population of students and teachers; it is also awkwardly shared with the Library

WHAT WE RECOMMEND:

As many large spaces as possible should be incorporated into the new campus. The spaces should function as full-service Multipurpose Rooms that vary in size and are spread across the campus.

- Final campus shall ideally include several large Assembly Spaces as well as several Multipurpose Rooms with room acoustical dividers for flexible programming
- One large Assembly Space for full school assembly; full school Farbrengens; full school Chagigas, etc.
- Auditorium with fixed seating space-allowing, stage, backstage, and storage areas for performances
 - Note: this could also serve the larger Crown Heights community as well as this kind of venue is lacking in the neighborhood. Therefore, performances, especially as mounted by girls' schools and women, must be conducted outside of the neighborhood. (See also JCC Section)

RECOMMENDED ADJACENCIES:

- Large Auditorium space should be near the entrance for parent arrival for school functions and for public performance guest arrival
- Other Assembly Spaces should be distributed throughout the entire campus for ease of access by students of all divisions



ALL DIVISIONS

PLAY SPACES

Every Division in the school from the Preschool to the upper grades of the Elementary School voiced a great need for more Play Spaces – both indoor and outdoor. Ideally each division would have their own Play Space but they can be shared if longer time slots were allocated.

WHAT WE HEARD:

- Interior Play Areas are needed for cold weather and rainy days across all divisions
- Teachers must carry play equipment with them that is age-appropriate for their classes as there is no storage provided on site at play areas
- The Preschool requested both an interior and exterior play area for exclusive use as shared spaces with older children do not provide for their safety and acoustical needs for children as young as 2-3 years old
- Desire for all existing rooftop play yards to be level with each other and with new ones built as a result of the Masterplan

WHAT WE RECOMMEND:

- Preschool
 - Interior play area [for rainy days and cold weather] to be padded at walls and floors for safety and acoustics at some areas; at others, hard surfaces for riding toys
 - Storage shall be provided for toys and games
 - Exterior play area to be protected from older kids' games and flying balls; age-appropriate playground equipment; exterior striping for outdoor games [for e.g., hopscotch]
 - Storage for large equipment
- Division 3 – Pre 1A – Second Grade
 - Interior Play Area [for rainy days and cold weather] with hard surfaces for ball games to be designed
 - Tables and chairs are needed when board games are played
 - Storage shall be provided for toys, games, tables and chairs
 - Exterior Play Area to be protected from older kids' games and flying balls; age-appropriate playground equipment
 - Storage for large equipment
- Divisions 4 & 5 – Third – Seventh Grade
 - Gym for real sports play
 - Interior Play Area with tables and chairs for board games
 - Analyze feasibility of leveling existing roof top play areas with each other and with new; All roof top play areas to have adequate fencing at roof edge for safe play
 - Exterior Basketball Court

RECOMMEND ADJACENCIES:

- It is likely that new play spaces will be located on upper floors in order to allow other program functions to remain co-located.

PROGRAMMING

Category	Space Description	Room Count	Total Net Area	Total Occupancy	
Classrooms	GRADE 1 CLASSROOM	8	4,534	216	
	GRADE 2 CLASSROOM	8	4,570	216	
	GRADE 3 CLASSROOM	8	4,560	200	
	GRADE 4 CLASSROOM	8	4,570	200	
	GRADE 5 CLASSROOM	8	4,560	176	
	GRADE 6 CLASSROOM	8	4,570	176	
	GRADE 7 CLASSROOM	8	4,560	176	
	GRADE 8 CLASSROOM	8	4,570	176	
	GRADE 9 CLASSROOM	8	4,570	160	
	7-8TH GRADE BEIS MEDRASH	1	3,631	369	
	9TH GRADE BEIS MEDRASH	1	3,603	176	
	COMPUTER LAB	4	2,544	101	
	ART ROOM	2	1,317	50	
	MUSIC ROOM	2	1,358	81	
	SCIENCE ROOM	2	1,326	50	
	THERPY- LARGE ROOMS	4	2,050	64	
	THERAPY - SMALLER ROOMS	22	1,200	44	
	Classroom Type SubTotals	Typical Classrooms (Grades 1-9)	72	41,062	1,696
		Beis Medrash (both)	2	7,234	545
Specialty Classrooms		10	6,545	282	
Therapy Rooms (large & small)		26	3,250	108	
Total Classroom, Specialty Classroom, and Therapy Rooms		110	58,091		
Activity / Assembly	LUNCHROOM	5	14,207	1,696	
	AUDITORIUM / MULTI-PURPOSE	1	8,095	1,156	
	SCHOOL SANCTUARY	1	10,841	1,548	
Activity / Focused	LIBRARY	1	2,320	46	
	LIVING HISTORY CENTER	1	1,373	27	
	SWIMMING PDDL	1	3,576	71	
	LOWER GRADES INDOOR PLAY	1	4,465	298	
	GYMNASIUM	1	6,148	409	
Activity / Assembly Total		12	51,025		
Administrative Offices	RECEPTION/SECURITY	1	548	5	
	TRANSPORTATION/FACILITY MGR	1	1,400	14	
	NURSE'S OFFICE	1	214	2	
	OPEN OFFICE	1	865	10	
	EXECUTIVE OFFICES	4	821	4	
	FINANCE OFC.	1	160	1	
	DEVELOPEMENT OFC.	1	160	1	
	FINANCIAL AID	1	160	1	
	TITLE I COMPLIANCE OFC.	1	160	1	

Category	Space Description	Room Count	Total Net Area	Total Occupancy
Academic Administration	SPECIAL ED. OFC.	1	160	1
	EXECUTIVE CONFERENCE ROOM	1	327	4
	ADMISSIONS OFC.	1	160	1
	COPY/MAIL SUPPLIES	1	308	3
	DIVISION/GRADE ADMIN OFFICES	19	3,113	37
	CONFERENCE ROOM	4	1,118	44
	FACULTY ROOM	5	1,567	30
	TEACHER CONFERENCE (TRAINING)	1	1,531	76
	COPY / MAIL ROOM	4	440	12
	Administration Total		49	13,211
Support	COAT ROOM	5	1,487	
	BICYCLE PARKING	1	234	
	CHANGING ROOMS	1	1,256	25
	PANTRY	2	131	
	LACTATION ROOM	2	166	
Kitchen	DAIRY KITCHEN	1	4,247	21
	MEAT KITCHEN	1	3,491	17
	SERVING ROOM	11	3,489	46
	COFFEE ROOM	1	203	4
	KITCHEN STAFF ROOM	1	401	7
	REFRIG., TRASH, STORAGE	1	545	
Restroom & Maintenance	RITUAL WASHING	20	2,182	
	RESTROOMS	28	4,816	
	FAC. WC / ADA	14	684	
	JANITOR'S CLOSET (J.C.)	8	263	
Storage	STORAGE	24	2,213	
Building Services Total		121	25,808	
Mechanical	E.M.R. (ELEV. MACHINE ROOM)	3	245	
	MECHANICAL ROOM	12	1,621	
	UTILITY	2	1,452	
	PDDL MECHANICAL	1	128	
Mechanical Total		18	3,447	

Note: Occupancy for all Therapy rooms includes 1 teacher for each student.

BUDGET PLANNING

Growth Chart*

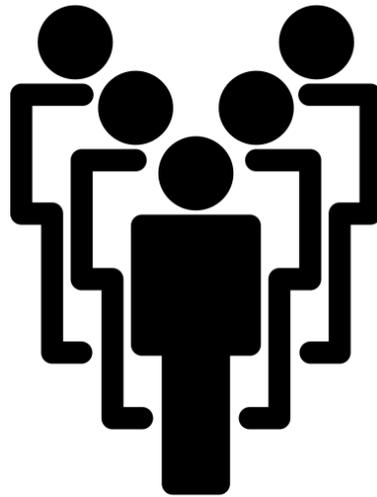
School Year	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	2028-2029
1	97	102	106	116	136	115	130	125	138	133	140	145	151	156	162	168	174	181	188	195	202	210	217
2	110	94	100	104	115	140	113	132	123	139	133	140	145	151	156	162	168	174	181	188	195	202	210
3	85	109	94	103	104	118	141	115	131	122	130	133	140	145	151	156	162	168	174	181	188	195	202
4	100	87	112	95	107	102	117	140	112	130	121	130	133	140	145	151	156	162	168	174	181	188	195
5	101	100	89	112	96	104	102	129	152	113	128	121	130	133	140	145	151	156	162	168	174	181	188
6	92	100	100	90	114	97	104	102	119	141	111	128	121	130	133	140	145	151	156	162	168	174	181
7	97	94	100	98	90	113	97	105	103	121	140	111	128	121	130	133	140	145	151	156	162	168	174
8	89	100	92	100	96	91	113	95	105	102	121	140	111	128	121	130	133	140	145	151	156	162	168
9	88	87	98	83	98	95	85	111	97	104	102	121	140	111	128	121	130	133	140	145	151	156	162
Total	859	873	891	901	956	975	1002	1054	1080	1105	1126	1169	1199	1215	1266	1307	1360	1411	1466	1521	1577	1636	1697

*Projected Enrollment based on actual 2016-2017 enrollment

Projected opening of new school building

BUILDING THE PROFESSIONAL TEAM

- Architect
- Mechanical, Electrical, Plumbing Engineering
- Fire Protection Engineering
- Structural Engineering
- Civil Engineering
- Geotechnical Engineering



- Landscape Design
- Lighting Design
- Interior Design
- Acoustical Engineering
- Security Design
- Low Voltage
- Expediting
- Code Consulting

MARKETING MATERIALS

