

SPACE PROGRAM

The APS Elementary Design Guidelines, commonly referred to as “Educational Specifications”, or “Ed Specs”, were written in January of 1997 as part of a strategic plan looking ahead to the year 2003. The design team and a group of APS instructional leaders were tasked with a critical examination of the Ed Spec to make sure it was both meeting current needs and providing flexibility as those needs change. If certain teaching and learning activities were occurring in different ways, requiring different spaces, that space was re-purposed. For example, computers are no longer used in separate labs, but are integral to all spaces. Video production no longer requires green screen rooms with analog equipment, and TVs are no longer needed in each classroom. Rather than a remote teacher lounge, teachers have collaborative professional spaces with kitchenettes distributed throughout the

building. These rooms also provide desk space for itinerant teachers and allow for a full time teacher to have a desk outside of his or her classroom, giving APS the option of programming classrooms for every period of the day. For flexibility, rooms for special programs have been standardized in size as 500sf medium size classrooms. Flex classrooms and extended learning spaces have also been added to the building’s program. The goal is to make each and every space in the building a place for learning. Re-purposed Ed Spec spaces are listed with a red italic font and new spaces are listed with a blue italic font, allowing for a detailed comparison between the space program for the New Elementary School and the 1997 Educational Specifications. This space program also reflects the larger gym and other spaces requested by the County.

Room #	EARLY CHILDHOOD	Original 1997 APS Ed Spec	NES#1 Program	Final Design	Delta	%
150	PreK VPI plus Toilet *incudes window seats	1,115	1,115	1,070	-45	96%
151	PreK Montessori Area plus Toilet *incudes window seats	1,115	1,115	1,070	-45	96%
152	Kindergarten plus Toilet *incudes window seats	1,115	1,115	1,070	-45	96%
153	Kindergarten plus Toilet *incudes window seats	1,115	1,115	1,070	-45	96%
154	Kindergarten plus Toilet *incudes window seats	1,115	1,115	1,070	-45	96%
155	Kindergarten plus Toilet *incudes window seats	1,115	1,115	1,070	-45	96%
105	<i>Early Childhood Extended Learning Area</i>	0	600	705	105	118%
		6,690	7,290	7,125	-165	98%

Room #	PRIMARY GRADES 1-2	Original 1997 APS Ed Spec	NES#1 Program	Final Design	Delta	%
131	1st Grade Classroom plus Toilet *incudes window seats	890	1,025	1,035	10	101%
132	1st Grade Classroom plus Toilet *incudes window seats	890	1,025	1,045	20	102%
134	1st Grade Classroom plus Toilet *incudes window seats	890	1,025	1,055	30	103%
135	1st Grade Classroom plus Toilet *incudes window seats	890	1,025	1,040	15	101%
160	2nd Grade Classroom *incudes window seats	825	825	890	65	108%
161	2nd Grade Classroom *incudes window seats	825	825	900	75	109%
162	2nd Grade Classroom *incudes window seats	825	825	875	50	106%
163	2nd Grade Classroom *incudes window seats	825	825	880	55	107%
130	<i>Flex Classroom: 1st or 2nd Grades *incudes window seats</i>	0	1,025	1,025	0	100%
100 + 103	<i>First Floor Extended Learning Area</i>	0	800	855	55	107%
		6,860	9,225	9,600	375	104%

Room #	ELEMENTARY GRADES 3-5	Original 1997 APS Ed Spec	NES#1 Program	Final Design	Delta	%
233	3rd Grade Classroom *incudes window seats	825	825	850	25	103%
232	3rd Grade Classroom *incudes window seats	825	825	855	30	104%
231	3rd Grade Classroom *incudes window seats	825	825	875	50	106%
230	3rd Grade Classroom *incudes window seats	825	825	865	40	105%
240	4th Grade Classroom *incudes window seats	825	825	885	60	107%
241	4th Grade Classroom *incudes window seats	825	825	900	75	109%
242	4th Grade Classroom *incudes window seats	825	825	875	50	106%
243	4th Grade Classroom *incudes window seats	825	825	860	35	104%
250	5th Grade Classroom	825	825	825	0	100%
251	5th Grade Classroom	825	825	825	0	100%
252	5th Grade Classroom	825	825	825	0	100%
253	5th Grade Classroom	825	825	825	0	100%
234	<i>Flex Classroom: 3rd, 4th or 5th Grades *incudes window seats</i>	0	825	840	15	102%
246	<i>Innovation Commons</i>	0	600	650	50	108%
200+203	<i>Second Floor Extended Learning Area</i>	0	1,000	1,050	50	105%
		9,900	12,325	12,805	480	104%

Room #	SPECIAL EDUCATION	Original 1997 APS Ed Spec	NES#1 Program	Final Design	Delta	%
146	<i>SPED K Classroom</i>	0	500	505	5	101%
140	<i>SPED 1st Grade Classroom</i>	0	500	560	60	112%
169	<i>SPED 2nd Grade Classroom</i>	0	500	480	-20	96%
224	<i>SPED 3rd Grade Classroom</i>	0	500	595	95	119%
244	<i>SPED 4th Grade Classroom</i>	0	500	480	-20	96%
254	<i>SPED 5th Grade Classroom</i>	0	500	485	-15	97%
142	SPED Functional Skills	825	725	705	-20	97%
T 142	SPED Functional Skills Toilet	included above	50	45	-5	90%
	<i>Pre School Disabled</i>	825	0	0		
	<i>HILT</i>	825	0	0		
	<i>Project Go</i>	510	0	0		
	<i>Title 1</i>	500	0	0		
	<i>Self Contained, Exceptional</i>	500	0	0		
	<i>SPED resource</i>	825	0	0		
	<i>Interlude</i>	825	0	0		
223	Speech	200	400	435	35	109%
141	OT/PT	420	420	435	15	104%
		6,255	4,595	4,730	135	103%

Room #	SPECIAL PROGRAM CLASSROOMS	Original 1997 APS Ed Spec	NES#1 Program	Final Design	Delta	%
210 A	Special Programs	420-600	400	385	-15	96%
S210	Special Programs Stroage	0	100	100	0	100%
225	ELL	420-600 ESOL	500	490	-10	98%
226	ELL	420-600 ESOL	500	490	-10	98%
211	Gifted Classroom	420-600	500	545	45	109%
		2,040	2,000	2,005	5	100%

Room #	STUDENT SERVICES / TEACHER SUPPORT	Original 1997 Ed Spec	NES#1 Program	Final Design	Delta	%
210C	Social Worker Office	120	120	120	0	100%
210B	Psychologist Office	120	120	120	0	100%
210F	Testing / Conference	150	200	205	5	103%
210E	<i>Testing Coordinator Office</i>	0	120	125	5	104%
210D	<i>Math Resource Office</i>	0	120	120	0	100%
245	<i>3-5 Teacher Conference Room</i>	0	240	245	5	102%
144	<i>Teacher Professional Space (8 seats), plus Kitchnette</i>	0	300	295	-5	98%
166	<i>Teacher Professional Space (6 seats), plus Kitchnette</i>	0	230	225	-5	98%
229	<i>Teacher Professional Space (7 seats), plus Kitchnette</i>	0	300	325	25	108%
255	<i>Teacher Professional Space(6 seats), plus Kitchnette</i>	0	230	270	40	117%
228	Teacher Work Area, 2nd floor	300	160	170	10	106%
111	Teacher Work Area (in Admin)	0	160	165	5	103%
	<i>Teacher's Lounge</i>	600	0	0		
	<i>Computer Lab</i>	825	0	0		
		2,115	2,300	2,385	85	104%

SPACE PROGRAM

Room #	READING	Original 1997 APS Ed Spec	NES#1 Program	Final Design	Delta	%
145	Reading Classroom, Primary	420	440	450	10	102%
212	Reading Classroom, Elementary	420	420	405	-15	96%
147	Reading Recovery, Primary	100	100	110	10	110%
	Reading Recovery, Elementary	100	0	0		
	<i>Reading Clinic</i>	400	0	0		
		1,440	960	965	5	101%

Room #	GUIDANCE / COUNSELING	Original 1997 APS Ed Spec	NES#1 Program	Final Design	Delta	%
210	Guidance / Counseling	450	450	490	40	109%
		450	450	490	40	109%

Room #	ART CLASSROOMS	Original 1997 APS Ed Spec	NES#1 Program	Final Design	Delta	%
220	Art Classroom	1200-1500	1,200	1,230	30	103%
S 222	Art Storage	400-600	150	120	-30	80%
222	Art Classroom	0	1,200	1,270	70	106%
S 220	Art Storage	0	150	110	-40	73%
221	Kiln Room	80	80	80	0	100%
		1,930	2,780	2,810	30	101%

Room #	MUSIC CLASSROOMS	Original 1997 APS Ed Spec	NES#1 Program	Final Design	Delta	%
148	Vocal Music	950	925	920	-5	99%
S 148	Vocal Music Storage	200	100	75	-25	75%
149	Vocal Music	0	925	925	0	100%
S 149	Vocal Music Storage	0	100	70	-30	100%
126	Instrumental Music / Stage	825	825	895	70	108%
	Instrumental Storage	200	on stage	0		
		2,175	2,875	2,885	10	100%

Room #	LIBRARY	Original 1997 APS Ed Spec	NES#1 Program	Final Design	Delta	%
170+171	Library (9,000 - 12,000 volumes per APS)	2,800	2,600	2,475	-125	95%
173	IT Storage	0	300	330	30	110%
	Production Room	200	0	0	0	n/a
175	Audio Visual Storage	200	100	80	-20	80%
164	Media/Teacher Conference Room	150	150	245	95	163%
	Video Production	100	0	0	0	n/a
176	Media Center Office / Workroom	300	300	335	35	112%
172	ITC Coordinator Office	120	120	120	0	100%
		3,870	3,570	3,585	15	100%

Room #	FOOD SERVICES	Original 1997 APS Ed Spec	NES#1 Program	Final Design	Delta	%
106	Dining Commons	3500 (Multipurpose)	2,800	2,860	60	102%
180	Kitchen / Servery	1,200 - 1,600	1,800	1,915	115	106%
182	Kitchen Office	0	80	105	25	131%
		4,900	4,680	4,880	200	104%

Room #	PHYSICAL EDUCATION*	Original 1997 APS Ed Spec	NES#1 Program	Final Design	Delta	%
120	Gymnasium	4100-5100	6,100	6,075	-25	100%
121	PE Teacher's Office	100	200	110	-90	55%
	PE Teacher's Shower + Toilet (with Bike Storage)	85	0	0		
S 120	PE Storage	150	150	155	5	103%
T 123	Toilet Room	65	55	50	-5	91%
T 124	Toilet Room	65	55	50	-5	91%
125	Class I Bike Storage	0	300	260	-40	87%
T 125	Class I Bike Toilet & Shower	0	50	90	40	180%
124	Parks & Rec Storage	0	300	255	-45	85%
		5,065	7,210	7,045	-165	98%

Room #	DRAMA / PERFORMANCE / ASSEMBLY	Original 1997 APS Ed Spec	NES#1 Program	Final Design	Delta	%
126	Stage (part of Instrumental Music)	450	0	0		
122	Chair Storage	200	200	100	-100	50%
		650	200	100	-100	50%

Room #	EXTENDED DAY	Original 1997 APS Ed Spec	NES#1 Program	Final Design	Delta	%
	Extended Day (office)	420	120	120	0	100%
	Extended Day Storage	20	20	15	-5	75%
		440	140	135	-5	96%

Room #	ADMINISTRATIVE SUITE	Original 1997 APS Ed Spec	NES#1 Program	Final Design	Delta	%
110	Reception / Clerical Area	500	550	575	25	105%
111G	Principal's Office	200	200	195	-5	98%
111	Principal's Administrative Ass't Office (Admin Hub)	100	150	165	15	110%
111F	Assistant Principal's Office	120	120	115	-5	96%
111E	Conference Room	250	250	200	-50	80%
111C	Records and Storage	300	100	90	-10	90%
111D	Head End (+PA Nook)	150	150	200	50	133%
112	Clinic	550	500	500	0	100%
T 112	Clinic Toilet	50	50	50	0	100%
T 111	Staff Toilet	65	50	55	5	110%
		2,285	2,120	2,145	25	101%

NET TOTAL	Original 1997 APS Ed Spec	NES#1 Program	Final Design	Delta	%
	57,065	62,720	63,695	975	102%

SUPPORT AND GROSS AREAS (NSF)	Original 1997 APS Ed Spec	NES#1 Program	Final Design	Delta	%
Toilet Rooms (excluding listed above)					
Elevator & Machine Room					
Mechanical, Electrical & Data Rooms					
Custodial Rooms					
Receiving					
Storage Rooms					
Circulation, Chases, Wall Thicknesses					
1.556 Multiplier	31,728	34,872	33,893	-979	97%

GROSS TOTAL (GSF)	Original 1997 APS Ed Spec	NES#1 Program	Final Design	Delta	%
	88,793	97,592	97,588	-4	100%