

Upper Darby School District Facilities Committee Update

November 22, 2016

Enrollment Projections

- For the next 5 years....
- Between 834 and 845 Half-Day Kindergarteners
- Below the 900s in recent years
- Due to less UDSD babies born 5-years prior
- Should result in approximately 100 more 1st graders the following year

10-Year Outlook

- Less reliable than 5-year projections
- Utilizes 3-year average cohort survival method
- Depends on birth-rate being steady
- No local archdiocesan school closings
- No new charter schools in area
- 1st thru 5th grade-sizes between 938 and 1,070
- Middle School attendance up to 3,030
- High School may reach 4,121 students

Elementary Class-Size Action Item

Be it resolved that the Board of School Directors approve the use of the following elementary class-size guidelines for the sole purpose of completing the facilities study document while also projecting and addressing current and future education specification needs for school planning purposes:

- For Half-Day Kindergarten; 20
- For 1st grade thru 3rd grade; 22
- For 4th grade thru 5th grade; 25

Characteristics of Class-Sizes

- Smaller for half-day kindergarten
- Should be either an average or maximum per grade-level instead of small range
- Allows higher grades to have more students
- Endeavors to keep maximum at 25
- This would require redistricting
- We need procedures for planning classrooms
- We need rules for handling higher classes

BONNETT ASSOCIATES INCORPORATED

Upper Darby School District Facility Study Elementary School Class Size Goals By Grade Level

Grade Level	Option A	Option B	Option C	Option D
Kindergarten	18-20 MAX 20	20-22 MAX 22	23-25 MAX 26	MAX 20
1st Grade	18-20 MAX 20	20-22 MAX 22	23-25 MAX 26	MAX 22
2nd Grade	18-20 MAX 20	20-22 MAX 22	23-25 MAX 26	MAX 22
3rd Grade	24 MAX	25 MAX 27	25 MAX 27	MAX 22
4th Grade	24 MAX	27 MAX 29	27 MAX 29	MAX 25
5th Grade	24 MAX	27 MAX 29	27 MAX 29	MAX 25
	Refer to BAI Tables 9 & 10	Refer to BAI Tables 7 & 8	Refer to BAI Tables 2 & 3	Refer to BAI Tables 11 & 12
Building Capacity Required Per Ed Spec w Half Day K with Mods:				
Aronimink ES	18	18	16	18
Bywood ES	36	32	30	33
Charles Kelly ES	20	20	18	20
Garretford ES	34	30	28	32
Highland Park ES	42	35	33	40
Hillcrest ES	33	30	27	33
Primos ES	22	19	17	22
Stonehurst Hills ES	31	28	25	31
W. Senkow ES at K Ctr	17	15	13	18
Westbrook Park ES	24	21	20	23
Sub-Total:	277	248	227	270
All ES Existing Building Capacity Per Ed Spec Sub-Total:	227	227	227	227
Classroom Deficit:	-50	-21	0	-43
Classroom Deficit No Mods:	-69	-40	-19	-62

Upper Darby School District Facility Study
Proposed Classroom Requirements Based Upon UDSD Demographic Data For 2017-18
with 1/2 Day and Full Day Kindergarten in Each Elementary School (Non-Redistricted) (Including Modular CRs)

Table 2 REV 2 PRELIMINARY

Elementary Schools (K-5)		K (Goal of 23-25 w/ Max 26)					1 (Goal of 23-25 w/ Max 26)				2 (Goal of 23-25 w/ Max 26)				3 (Goal of 25 w/ Max 27)				4 (Goal of 27 w. Max 29)				5 (Goal of 27 w. Max 29)				Half Day K		Full Day K		Bldg Capacity Per Educational Spec. Per Table 1.			Half Day K	Full Day K		
OPTION C		# Students AM	# Students PM	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	Total CR Required	Total # Students	Total CR Required	Total # Students	Total # CR w Capacity		Total Capacity	Classroom Deficit	Classroom Deficit		
Aronimink ES	Half Day Kindergarten	25	24	0.9	24.5	1	58	2.2	19.3	3	70	2.7	23.3	3	59	2.2	19.7	3	60	2.1	20.0	3	66	2.3	22.0	3	16	362			14		350	-2		Aronimink ES	
	Full Day Kindergarten	49		1.9	24.5	2	58	2.2	19.3	3	70	2.7	23.3	3	59	2.2	19.7	3	60	2.1	20.0	3	66	2.3	22.0	3			17	362				-3			
Bywood ES	Half Day Kindergarten	59	59	2.3	19.7	3	140	5.4	23.3	6	104	4.0	26.0	4	146	5.4	24.3	6	146	5.0	24.3	6	121	4.2	24.2	5	30	775			32	800	2		Bywood ES		
	Full Day Kindergarten	118		4.5	23.6	5	140	5.4	23.3	6	104	4.0	26.0	4	146	5.4	24.3	6	146	5.0	24.3	6	121	4.2	24.2	5			32	775				0			
Charles Kelly ES	Half Day Kindergarten	32	32	1.2	16.0	2	76	2.9	25.3	3	72	2.8	24.0	3	63	2.3	21.0	3	88	3.0	22.0	4	60	2.1	20.0	3	18	423			18	450	0		Charles Kelly ES		
	Full Day Kindergarten	64		2.5	21.3	3	76	2.9	25.3	3	72	2.8	24.0	3	63	2.3	21.0	3	88	3.0	22.0	4	60	2.1	20.0	3			19	423				-1			
Garretford ES	Half Day Kindergarten	52	53	2.0	17.5	3	125	4.8	25.0	5	123	4.7	24.6	5	111	4.1	22.2	5	130	4.5	26.0	5	121	4.2	24.2	5	28	715			29	725	1		Garretford ES		
	Full Day Kindergarten	105		4.0	21.0	5	125	4.8	25.0	5	123	4.7	24.6	5	111	4.1	22.2	5	130	4.5	26.0	5	121	4.2	24.2	5			30	715				-1			
Highland Park ES	Half Day Kindergarten	61	62	2.4	20.5	3	147	5.7	24.5	6	150	5.8	25.0	6	183	6.8	26.1	7	145	5.0	29.0	5	168	5.8	28.0	6	33	916			29	725	-4		Highland Park ES		
	Full Day Kindergarten	123		4.7	24.6	5	147	5.7	24.5	6	150	5.8	25.0	6	183	6.8	26.1	7	145	5.0	29.0	5	168	5.8	28.0	6			35	916				-6			
Hillcrest ES	Half Day Kindergarten	50	50	1.9	25.0	2	119	4.6	23.8	5	118	4.5	23.6	5	130	4.8	26.0	5	132	4.6	26.4	5	139	4.8	27.8	5	27	738			27	675	0		Hillcrest ES		
	Full Day Kindergarten	100		3.8	25.0	4	119	4.6	23.8	5	118	4.5	23.6	5	130	4.8	26.0	5	132	4.6	26.4	5	139	4.8	27.8	5			29	738				-2			
Primos ES	Half Day Kindergarten	38	38	1.5	19.0	2	90	3.5	22.5	4	73	2.8	24.3	3	78	2.9	26.0	3	82	2.8	27.3	3	54	1.9	27.0	2	17	453			18	450	1		Primos ES		
	Full Day Kindergarten	76		2.9	25.3	3	90	3.5	22.5	4	73	2.8	24.3	3	78	2.9	26.0	3	82	2.8	27.3	3	54	1.9	27.0	2			18	453				0			
Stonehurst Hills ES	Half Day Kindergarten	48	48	1.8	24.0	2	114	4.4	22.8	5	104	4.0	26.0	4	114	4.2	22.8	5	128	4.4	25.6	5	104	3.6	26.0	4	25	660			27	675	2		Stonehurst Hills ES		
	Full Day Kindergarten	96		3.7	24.0	4	114	4.4	22.8	5	104	4.0	26.0	4	114	4.2	22.8	5	128	4.4	25.6	5	104	3.6	26.0	4			27	660				0			
Walter Senkow ES at K Center	Half Day Kindergarten	21	22	0.8	21.5	1	52	2.0	26.0	2	45	1.7	22.5	2	67	2.5	22.3	3	56	1.9	28.0	2	64	2.2	21.3	3	13	327			15	375	2		Walter Senkow ES at K Center		
	Full Day Kindergarten	43		1.7	21.5	2	52	2.0	26.0	2	45	1.7	22.5	2	67	2.5	22.3	3	56	1.9	28.0	2	64	2.2	21.3	3			14	327				1			
Westbrook Park ES	Half Day Kindergarten	35	35	1.3	17.5	2	83	3.2	20.8	4	73	2.8	24.3	3	93	3.4	23.3	4	76	2.6	25.3	3	99	3.4	24.8	4	20	494			18	450	-2		Westbrook Park ES		
	Full Day Kindergarten	70		2.7	23.3	3	83	3.2	20.8	4	73	2.8	24.3	3	93	3.4	23.3	4	76	2.6	25.3	3	99	3.4	24.8	4			21	494				-3			
Total:																											227	5863		242	5863		227	5675	0	-15	Total

Note 1: Table uses Demographic data as provided by UDSD on 11/10/16.

Note 2: Classroom (CR) count based upon typical classroom spaces greater than 600 SF including modular classrooms but excluding office areas, cafeteria, gymnasium, etc.

Per UDSD, 600 square feet is considered the minimum size for standard classrooms for the purpose of this study. It is important to note that PDE does not qualify rooms for student capacity unless their size is 660 SF or greater.

Note 3: Classroom enrollment size goals and maximums as provided by UDSD

Note 4: Table 2 REV returns Gr 4-5 Autistic Program to Westbrook Park and Emotional Support to Hillcrest - both previously planned at Highland Park per Ed Specs.

Upper Darby School District Facility Study
Proposed Classroom Requirements Based Upon UDSD Demographic Data For 2017-18
with 1/2 Day and Full Day Kindergarten in Each Elementary School (Non-Redistricted) (Excluding Modular CRs)

Table 3 REV 2 PRELIMINARY

Elementary Schools (K-5)		K (Goal of 23-25 w/ Max 26)					1 (Goal of 23-25 w/ Max 26)				2 (Goal of 23-25 w/ Max 26)				3 (Goal of 25 w/ Max 27)				4 (Goal of 27 w. Max 29)				5 (Goal of 27 w. Max 29)				Half Day K		Full Day K		Bldg Capacity Per Educational Spec. Per Table 1.			Half Day K	Full Day K	
OPTION C		# Students AM	# Students PM	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	Total CR Required	Total # Students	Total CR Required	Total # Students	Total # CR w Capacity	Total # CR w Capacity (No Mod CR)	Total Capacity	Classroom Deficit	Classroom Deficit	
Aronimink ES	Half Day Kindergarten	25	24	0.9	24.5	1	58	2.2	19.3	3	70	2.7	23.3	3	59	2.2	19.7	3	60	2.1	20.0	3	66	2.3	22.0	3	16	362			14	14	350	-2		Aronimink ES
	Full Day Kindergarten	49		1.9	24.5	2	58	2.2	19.3	3	70	2.7	23.3	3	59	2.2	19.7	3	60	2.1	20.0	3	66	2.3	22.0	3			17	362				-3		
Bywood ES	Half Day Kindergarten	59	59	2.3	19.7	3	140	5.4	23.3	6	104	4.0	26.0	4	146	5.4	24.3	6	146	5.0	24.3	6	121	4.2	24.2	5	30	775			32	26	650	-4		Bywood ES
	Full Day Kindergarten	118		4.5	23.6	5	140	5.4	23.3	6	104	4.0	26.0	4	146	5.4	24.3	6	146	5.0	24.3	6	121	4.2	24.2	5			32	775				-6		
Charles Kelly ES	Half Day Kindergarten	32	32	1.2	16.0	2	76	2.9	25.3	3	72	2.8	24.0	3	63	2.3	21.0	3	88	3.0	22.0	4	60	2.1	20.0	3	18	423			18	18	450	0		Charles Kelly ES
	Full Day Kindergarten	64		2.5	21.3	3	76	2.9	25.3	3	72	2.8	24.0	3	63	2.3	21.0	3	88	3.0	22.0	4	60	2.1	20.0	3			19	423				-1		
Garretford ES	Half Day Kindergarten	52	53	2.0	17.5	3	125	4.8	25.0	5	123	4.7	24.6	5	111	4.1	22.2	5	130	4.5	26.0	5	121	4.2	24.2	5	28	715			29	27	675	-1		Garretford ES
	Full Day Kindergarten	105		4.0	21.0	5	125	4.8	25.0	5	123	4.7	24.6	5	111	4.1	22.2	5	130	4.5	26.0	5	121	4.2	24.2	5			30	715				-3		
Highland Park ES	Half Day Kindergarten	61	62	2.4	20.5	3	147	5.7	24.5	6	150	5.8	25.0	6	183	6.8	26.1	7	145	5.0	29.0	5	168	5.8	28.0	6	33	916			29	21	525	-12		Highland Park ES
	Full Day Kindergarten	123		4.7	24.6	5	147	5.7	24.5	6	150	5.8	25.0	6	183	6.8	26.1	7	145	5.0	29.0	5	168	5.8	28.0	6			35	916				-14		
Hillcrest ES	Half Day Kindergarten	50	50	1.9	25.0	2	119	4.6	23.8	5	118	4.5	23.6	5	130	4.8	26.0	5	132	4.6	26.4	5	139	4.8	27.8	5	27	738			27	27	675	0		Hillcrest ES
	Full Day Kindergarten	100		3.8	25.0	4	119	4.6	23.8	5	118	4.5	23.6	5	130	4.8	26.0	5	132	4.6	26.4	5	139	4.8	27.8	5			29	738				-2		
Primos ES	Half Day Kindergarten	38	38	1.5	19.0	2	90	3.5	22.5	4	73	2.8	24.3	3	78	2.9	26.0	3	82	2.8	27.3	3	54	1.9	27.0	2	17	453			18	16	400	-1		Primos ES
	Full Day Kindergarten	76		2.9	25.3	3	90	3.5	22.5	4	73	2.8	24.3	3	78	2.9	26.0	3	82	2.8	27.3	3	54	1.9	27.0	2			18	453				-2		
Stonehurst Hills ES	Half Day Kindergarten	48	48	1.8	24.0	2	114	4.4	22.8	5	104	4.0	26.0	4	114	4.2	22.8	5	128	4.4	25.6	5	104	3.6	26.0	4	25	660			27	23	575	-2		Stonehurst Hills ES
	Full Day Kindergarten	96		3.7	24.0	4	114	4.4	22.8	5	104	4.0	26.0	4	114	4.2	22.8	5	128	4.4	25.6	5	104	3.6	26.0	4			27	660				-4		
Walter Senkow ES at K Center	Half Day Kindergarten	21	22	0.8	21.5	1	52	2.0	26.0	2	45	1.7	22.5	2	67	2.5	22.3	3	56	1.9	28.0	2	64	2.2	21.3	3	13	327			15	15	375	2		Walter Senkow ES at K Center
	Full Day Kindergarten	43		1.7	21.5	2	52	2.0	26.0	2	45	1.7	22.5	2	67	2.5	22.3	3	56	1.9	28.0	2	64	2.2	21.3	3			14	327				1		
Westbrook Park ES	Half Day Kindergarten	35	35	1.3	17.5	2	83	3.2	20.8	4	73	2.8	24.3	3	93	3.4	23.3	4	76	2.6	25.3	3	99	3.4	24.8	4	20	494			18	21	525	1		Westbrook Park ES
	Full Day Kindergarten	70		2.7	23.3	3	83	3.2	20.8	4	73	2.8	24.3	3	93	3.4	23.3	4	76	2.6	25.3	3	99	3.4	24.8	4			21	494				0		
Total:																										227	5863		242	5863	227	208	5200	-19	-34	Total

Upper Darby School District Facility Study
Proposed Classroom Requirements Based Upon UDSD Demographic Data For 2017-18
with 1/2 Day and Full Day Kindergarten in Each Elementary School (Non-Redistricted) (Including Modular CRs) (Reduced Class Sizes K-2)

Table 7 REV 1 PRELIMINARY

Elementary Schools (K-5)		K (Goal of 20-22 w/ Max 22)					1 (Goal of 20-22 w/ Max 22)				2 (Goal of 20-22 w/ Max 22)				3 (Goal of 25 w/ Max 27)				4 (Goal of 27 w. Max 29)				5 (Goal of 27 w. Max 29)				Half Day K		Full Day K		Bldg Capacity Per Educational Spec. Per Table 1.			Half Day K	Full Day K			
OPTION B		# Students AM	# Students PM	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	Total CR Required	Total # Students	Total CR Required	Total # Students	Total # CR w Capacity		Total Capacity	Classroom Deficit	Classroom Deficit			
Aronimink ES	Half Day Kindergarten	25	24	1.1	12.3	2	58	2.6	19.3	3	70	3.2	17.5	4	59	2.2	19.7	3	60	2.1	20.0	3	66	2.3	22.0	3	18	362			14		350	-4		Aronimink ES		
	Full Day Kindergarten	49		2.2	16.3	3	58	2.6	19.3	3	70	3.2	17.5	4	59	2.2	19.7	3	60	2.1	20.0	3	66	2.3	22.0	3			19	362					-5			
Bywood ES	Half Day Kindergarten	59	59	2.7	19.7	3	140	6.4	20.0	7	104	4.7	20.8	5	146	5.4	24.3	6	146	5.0	24.3	6	121	4.2	24.2	5	32	775			32		800	0		Bywood ES		
	Full Day Kindergarten	118		5.4	19.7	6	140	6.4	20.0	7	104	4.7	20.8	5	146	5.4	24.3	6	146	5.0	24.3	6	121	4.2	24.2	5			35	775					-3			
Charles Kelly ES	Half Day Kindergarten	32	32	1.5	16.0	2	76	3.5	19.0	4	72	3.3	18.0	4	63	2.3	21.0	3	88	3.0	22.0	4	60	2.1	20.0	3	20	423			18		450	-2		Charles Kelly ES		
	Full Day Kindergarten	64		2.9	21.3	3	76	3.5	19.0	4	72	3.3	18.0	4	63	2.3	21.0	3	88	3.0	22.0	4	60	2.1	20.0	3			21	423					-3			
Garretford ES	Half Day Kindergarten	52	53	2.4	17.5	3	125	5.7	20.8	6	123	5.6	20.5	6	111	4.1	22.2	5	130	4.5	26.0	5	121	4.2	24.2	5	30	715			29		725	-1		Garretford ES		
	Full Day Kindergarten	105		4.8	21.0	5	125	5.7	20.8	6	123	5.6	20.5	6	111	4.1	22.2	5	130	4.5	26.0	5	121	4.2	24.2	5			32	715					-3			
Highland Park ES	Half Day Kindergarten	61	62	2.8	20.5	3	147	6.7	21.0	7	150	6.8	21.4	7	183	6.8	26.1	7	145	5.0	29.0	5	168	5.8	28.0	6	35	916			29		725	-6		Highland Park ES		
	Full Day Kindergarten	123		5.6	20.5	6	147	6.7	21.0	7	150	6.8	21.4	7	183	6.8	26.1	7	145	5.0	29.0	5	168	5.8	28.0	6			38	916					-9			
Hillcrest ES	Half Day Kindergarten	50	50	2.3	16.7	3	119	5.4	19.8	6	118	5.4	19.7	6	130	4.8	26.0	5	132	4.6	26.4	5	139	4.8	27.8	5	30	738			27		675	-3		Hillcrest ES		
	Full Day Kindergarten	100		4.5	20.0	5	119	5.4	19.8	6	118	5.4	19.7	6	130	4.8	26.0	5	132	4.6	26.4	5	139	4.8	27.8	5			32	738					-5			
Primos ES	Half Day Kindergarten	38	38	1.7	19.0	2	90	4.1	18.0	5	73	3.3	18.3	4	78	2.9	26.0	3	82	2.8	27.3	3	54	1.9	27.0	2	19	453			18		450	-1		Primos ES		
	Full Day Kindergarten	76		3.5	19.0	4	90	4.1	18.0	5	73	3.3	18.3	4	78	2.9	26.0	3	82	2.8	27.3	3	54	1.9	27.0	2			21	453					-3			
Stonehurst Hills ES	Half Day Kindergarten	48	48	2.2	16.0	3	114	5.2	19.0	6	104	4.7	20.8	5	114	4.2	22.8	5	128	4.4	25.6	5	104	3.6	26.0	4	28	660			27		675	-1		Stonehurst Hills ES		
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Walter Senkow ES at K Center	Half Day Kindergarten	21	22	1.0	21.5	1	52	2.4	17.3	3	45	2.0	15.0	3	67	2.5	22.3	3	56	1.9	28.0	2	64	2.2	21.3	3	15	327			15		375	0		Walter Senkow ES at K Center		
	Full Day Kindergarten	43		2.0	21.5	2	52	2.4	17.3	3	45	2.0	15.0	3	67	2.5	22.3	3	56	1.9	28.0	2	64	2.2	21.3	3			16	327					-1			
Westbrook Park ES	Half Day Kindergarten	35	35	1.6	17.5	2	83	3.8	20.8	4	73	3.3	18.3	4	93	3.4	23.3	4	76	2.6	25.3	3	99	3.4	24.8	4	21	494			18		450	-3		Westbrook Park ES		
	Full Day Kindergarten	70		3.2	17.5	4	83	3.8	20.8	4	73	3.3	18.3	4	93	3.4	23.3	4	76	2.6	25.3	3	99	3.4	24.8	4			23	494					-5			
Total:																											248	5863		267	5863		227		5675	-21	-40	Total

Note 1: Table uses Demographic data as provided by UDSD on 11/10/16.

Note 2: Classroom (CR) count based upon typical classroom spaces greater than 600 SF including modular classrooms but excluding office areas, cafeteria, gymnasium, etc.

Per UDSD, 600 square feet is considered the minimum size for standard classrooms for the purpose of this study. It is important to note that PDE does not qualify rooms for student capacity unless their size is 660 SF or greater.

Note 3: Classroom enrollment size goals and maximums as provided by UDSD

Note 4: Table 7 returns Gr 4-5 Autistic Program to Westbrook Park and Emotional Support to Hillcrest - both previously planned at Highland Park per Ed Specs.

Upper Darby School District Facility Study
Proposed Classroom Requirements Based Upon UDSD Demographic Data For 2017-18
with 1/2 Day and Full Day Kindergarten in Each Elementary School (Non-Redistricted) (Excluding Modular CRs) (Reduced Class Sizes K-2)

Table 8 REV 1 PRELIMINARY

Elementary Schools (K-5)		K (Goal of 20-22 w/ Max 22)					1 (Goal of 20-22 w/ Max 22)				2 (Goal of 20-22 w/ Max 22)				3 (Goal of 25 w/ Max 27)				4 (Goal of 27 w. Max 29)				5 (Goal of 27 w. Max 29)				Half Day K		Full Day K		Bldg Capacity Per Educational Spec. Per Table 1.			Half Day K	Full Day K			
OPTION B		# Students AM	# Students PM	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	Total CR Required	Total # Students	Total CR Required	Total # Students	Total # CR w Capacity	Total # CR w Capacity (No Mod CR)	Total Capacity	Classroom Deficit	Classroom Deficit			
Aronimink ES	Half Day Kindergarten	25	24	1.1	12.3	2	58	2.6	19.3	3	70	3.2	17.5	4	59	2.2	19.7	3	60	2.1	20.0	3	66	2.3	22.0	3	18	362			14	14	350	-4		Aronimink ES		
	Full Day Kindergarten	49		2.2	16.3	3	58	2.6	19.3	3	70	3.2	17.5	4	59	2.2	19.7	3	60	2.1	20.0	3	66	2.3	22.0	3			19	362					-5			
Bywood ES	Half Day Kindergarten	59	59	2.7	19.7	3	140	6.4	20.0	7	104	4.7	20.8	5	146	5.4	24.3	6	146	5.0	24.3	6	121	4.2	24.2	5	32	775			32	26	650	-6		Bywood ES		
	Full Day Kindergarten	118		5.4	19.7	6	140	6.4	20.0	7	104	4.7	20.8	5	146	5.4	24.3	6	146	5.0	24.3	6	121	4.2	24.2	5			35	775					-9			
Charles Kelly ES	Half Day Kindergarten	32	32	1.5	16.0	2	76	3.5	19.0	4	72	3.3	18.0	4	63	2.3	21.0	3	88	3.0	22.0	4	60	2.1	20.0	3	20	423			18	18	450	-2		Charles Kelly ES		
	Full Day Kindergarten	64		2.9	21.3	3	76	3.5	19.0	4	72	3.3	18.0	4	63	2.3	21.0	3	88	3.0	22.0	4	60	2.1	20.0	3			21	423					-3			
Garretford ES	Half Day Kindergarten	52	53	2.4	17.5	3	125	5.7	20.8	6	123	5.6	20.5	6	111	4.1	22.2	5	130	4.5	26.0	5	121	4.2	24.2	5	30	715			29	27	675	-3		Garretford ES		
	Full Day Kindergarten	105		4.8	21.0	5	125	5.7	20.8	6	123	5.6	20.5	6	111	4.1	22.2	5	130	4.5	26.0	5	121	4.2	24.2	5			32	715					-5			
Highland Park ES	Half Day Kindergarten	61	62	2.8	20.5	3	147	6.7	21.0	7	150	6.8	21.4	7	183	6.8	26.1	7	145	5.0	29.0	5	168	5.8	28.0	6	35	916			29	21	525	-14		Highland Park ES		
	Full Day Kindergarten	123		5.6	20.5	6	147	6.7	21.0	7	150	6.8	21.4	7	183	6.8	26.1	7	145	5.0	29.0	5	168	5.8	28.0	6			38	916					-17			
Hillcrest ES	Half Day Kindergarten	50	50	2.3	16.7	3	119	5.4	19.8	6	118	5.4	19.7	6	130	4.8	26.0	5	132	4.6	26.4	5	139	4.8	27.8	5	30	738			27	27	675	-3		Hillcrest ES		
	Full Day Kindergarten	100		4.5	20.0	5	119	5.4	19.8	6	118	5.4	19.7	6	130	4.8	26.0	5	132	4.6	26.4	5	139	4.8	27.8	5			32	738					-5			
Primos ES	Half Day Kindergarten	38	38	1.7	19.0	2	90	4.1	18.0	5	73	3.3	18.3	4	78	2.9	26.0	3	82	2.8	27.3	3	54	1.9	27.0	2	19	453			18	16	400	-3		Primos ES		
	Full Day Kindergarten	76		3.5	19.0	4	90	4.1	18.0	5	73	3.3	18.3	4	78	2.9	26.0	3	82	2.8	27.3	3	54	1.9	27.0	2			21	453					-5			
Stonehurst Hills ES	Half Day Kindergarten	48	48	2.2	16.0	3	114	5.2	19.0	6	104	4.7	20.8	5	114	4.2	22.8	5	128	4.4	25.6	5	104	3.6	26.0	4	28	660			27	23	575	-5		Stonehurst Hills ES		
	Full Day Kindergarten	96		4.4	19.2	5	114	5.2	19.0	6	104	4.7	20.8	5	114	4.2	22.8	5	128	4.4	25.6	5	104	3.6	26.0	4			30	660					-7			
Walter Senkow ES at K Center	Half Day Kindergarten	21	22	1.0	21.5	1	52	2.4	17.3	3	45	2.0	15.0	3	67	2.5	22.3	3	56	1.9	28.0	2	64	2.2	21.3	3	15	327			15	15	375	0		Walter Senkow ES at K Center		
	Full Day Kindergarten	43		2.0	21.5	2	52	2.4	17.3	3	45	2.0	15.0	3	67	2.5	22.3	3	56	1.9	28.0	2	64	2.2	21.3	3			16	327					-1			
Westbrook Park ES	Half Day Kindergarten	35	35	1.6	17.5	2	83	3.8	20.8	4	73	3.3	18.3	4	93	3.4	23.3	4	76	2.6	25.3	3	99	3.4	24.8	4	21	494			18	21	525	0		Westbrook Park ES		
	Full Day Kindergarten	70		3.2	17.5	4	83	3.8	20.8	4	73	3.3	18.3	4	93	3.4	23.3	4	76	2.6	25.3	3	99	3.4	24.8	4			23	494					-2			
Total:																											248	5863		267	5863		227	208	5200	-40	-59	Total

Upper Darby School District Facility Study
Proposed Classroom Requirements Based Upon UDSD Demographic Data For 2017-18
with 1/2 Day and Full Day Kindergarten in Each Elementary School (Non-Redistricted) (Including Modular CRs) (Reduced Class Sizes K-5)

Table 9 REV 1 PRELIMINARY

Elementary Schools (K-5)		K (Goal of 18-20 w/ Max 20)					1 (Goal of 18-20 w/ Max 20)				2 (Goal of 18-20 w/ Max 20)				3 (Max 24)				4 (Max 24)				5 (Max 24)				Half Day K		Full Day K		Bldg Capacity Per Educational Spec. Per Table 1.			Half Day K	Full Day K			
OPTION A		# Students AM	# Students PM	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	Total CR Required	Total # Students	Total CR Required	Total # Students	Total # CR w Capacity		Total Capacity	Classroom Deficit	Classroom Deficit			
Aronimink ES	Half Day Kindergarten	25	24	1.2	12.3	2	58	2.9	19.3	3	70	3.5	17.5	4	59	2.5	19.7	3	60	2.5	20.0	3	66	2.8	22.0	3	18	362			14		350	-4		Aronimink ES		
	Full Day Kindergarten	49		2.5	16.3	3	58	2.9	19.3	3	70	3.5	17.5	4	59	2.5	19.7	3	60	2.5	20.0	3	66	2.8	22.0	3			19	362					-5			
Bywood ES	Half Day Kindergarten	59	59	3.0	19.7	3	140	7.0	20.0	7	104	5.2	17.3	6	146	6.1	20.9	7	146	6.1	20.9	7	121	5.0	20.2	6	36	775			32		800	-4		Bywood ES		
	Full Day Kindergarten	118		5.9	19.7	6	140	7.0	20.0	7	104	5.2	17.3	6	146	6.1	20.9	7	146	6.1	20.9	7	121	5.0	20.2	6			39	775					-7			
Charles Kelly ES	Half Day Kindergarten	32	32	1.6	16.0	2	76	3.8	19.0	4	72	3.6	18.0	4	63	2.6	21.0	3	88	3.7	22.0	4	60	2.5	20.0	3	20	423			18		450	-2		Charles Kelly ES		
	Full Day Kindergarten	64		3.2	16.0	4	76	3.8	19.0	4	72	3.6	18.0	4	63	2.6	21.0	3	88	3.7	22.0	4	60	2.5	20.0	3			22	423					-4			
Garretford ES	Half Day Kindergarten	52	53	2.6	17.5	3	125	6.3	17.9	7	123	6.2	17.6	7	111	4.6	22.2	5	130	5.4	21.7	6	121	5.0	20.2	6	34	715			29		725	-5		Garretford ES		
	Full Day Kindergarten	105		5.3	17.5	6	125	6.3	17.9	7	123	6.2	17.6	7	111	4.6	22.2	5	130	5.4	21.7	6	121	5.0	20.2	6			37	715					-8			
Highland Park ES	Half Day Kindergarten	61	62	3.1	15.4	4	147	7.4	18.4	8	150	7.5	18.8	8	183	7.6	22.9	8	145	6.0	20.7	7	168	7.0	24.0	7	42	916			29		725	-13		Highland Park ES		
	Full Day Kindergarten	123		6.2	17.6	7	147	7.4	18.4	8	150	7.5	18.8	8	183	7.6	22.9	8	145	6.0	20.7	7	168	7.0	24.0	7			45	916					-16			
Hillcrest ES	Half Day Kindergarten	50	50	2.5	16.7	3	119	6.0	19.8	6	118	5.9	19.7	6	130	5.4	21.7	6	132	5.5	22.0	6	139	5.8	23.2	6	33	738			27		675	-6		Hillcrest ES		
	Full Day Kindergarten	100		5.0	20.0	5	119	6.0	19.8	6	118	5.9	19.7	6	130	5.4	21.7	6	132	5.5	22.0	6	139	5.8	23.2	6			35	738					-8			
Primos ES	Half Day Kindergarten	38	38	1.9	19.0	2	90	4.5	18.0	5	73	3.7	18.3	4	78	3.3	19.5	4	82	3.4	20.5	4	54	2.3	18.0	3	22	453			18		450	-4		Primos ES		
	Full Day Kindergarten	76		3.8	19.0	4	90	4.5	18.0	5	73	3.7	18.3	4	78	3.3	19.5	4	82	3.4	20.5	4	54	2.3	18.0	3			24	453					-6			
Stonehurst Hills ES	Half Day Kindergarten	48	48	2.4	16.0	3	114	5.7	19.0	6	104	5.2	17.3	6	114	4.8	22.8	5	128	5.3	21.3	6	104	4.3	20.8	5	31	660			27		675	-4		Stonehurst Hills ES		
	Full Day Kindergarten	96		4.8	19.2	5	114	5.7	19.0	6	104	5.2	17.3	6	114	4.8	22.8	5	128	5.3	21.3	6	104	4.3	20.8	5			33	660					-6			
Walter Senkow ES at K Center	Half Day Kindergarten	21	22	1.1	10.8	2	52	2.6	17.3	3	45	2.3	15.0	3	67	2.8	22.3	3	56	2.3	18.7	3	64	2.7	21.3	3	17	327			15		375	-2		Walter Senkow ES at K Center		
	Full Day Kindergarten	43		2.2	14.3	3	52	2.6	17.3	3	45	2.3	15.0	3	67	2.8	22.3	3	56	2.3	18.7	3	64	2.7	21.3	3			18	327					-3			
Westbrook Park ES	Half Day Kindergarten	35	35	1.8	17.5	2	83	4.2	16.6	5	73	3.7	18.3	4	93	3.9	23.3	4	76	3.2	19.0	4	99	4.1	19.8	5	24	494			18		450	-6		Westbrook Park ES		
	Full Day Kindergarten	70		3.5	17.5	4	83	4.2	16.6	5	73	3.7	18.3	4	93	3.9	23.3	4	76	3.2	19.0	4	99	4.1	19.8	5			26	494					-8			
Total:																											277	5863		298	5863		227		5675	-50	-71	Total

Note 1: Table uses Demographic data as provided by UDSD on 11/10/16.

Note 2: Classroom (CR) count based upon typical classroom spaces greater than 600 SF including modular classrooms but excluding office areas, cafeteria, gymnasium, etc.

Per UDSD, 600 square feet is considered the minimum size for standard classrooms for the purpose of this study. It is important to note that PDE does not qualify rooms for student capacity unless their size is 660 SF or greater.

Note 3: Classroom enrollment size goals and maximums as provided by UDSD

Note 4: Table 9 returns Gr 4-5 Autistic Program to Westbrook Park and Emotional Support to Hillcrest - both previously planned at Highland Park per Ed Specs.

Upper Darby School District Facility Study
Proposed Classroom Requirements Based Upon UDSD Demographic Data For 2017-18
with 1/2 Day and Full Day Kindergarten in Each Elementary School (Non-Redistricted) (Excluding Modular CRs) (Reduced Class Sizes K-5)

Table 10 REV 1 PRELIMINARY

Elementary Schools (K-5)		K (Goal of 18-20 w/ Max 20)					1 (Goal of 18-20 w/ Max 20)				2 (Goal of 18-20 w/ Max 20)				3 (Max 24)				4 (Max 24)				5 (Max 24)				Half Day K		Full Day K		Bldg Capacity Per Educational Spec. Per Table 1.			Half Day K	Full Day K	
OPTION A		# Students AM	# Students PM	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	Total CR Required	Total # Students	Total CR Required	Total # Students	Total # CR w Capacity	Total # CR w Capacity (No Mod CR)	Total Capacity	Classroom Deficit	Classroom Deficit	
Aronimink ES	Half Day Kindergarten	25	24	1.2	12.3	2	58	2.9	19.3	3	70	3.5	17.5	4	59	2.5	19.7	3	60	2.5	20.0	3	66	2.8	22.0	3	18	362			14	14	350	-4		Aronimink ES
	Full Day Kindergarten	49		2.5	16.3	3	58	2.9	19.3	3	70	3.5	17.5	4	59	2.5	19.7	3	60	2.5	20.0	3	66	2.8	22.0	3			19	362					-5	
Bywood ES	Half Day Kindergarten	59	59	3.0	19.7	3	140	7.0	20.0	7	104	5.2	17.3	6	146	6.1	20.9	7	146	6.1	20.9	7	121	5.0	20.2	6	36	775			32	26	650	-10		Bywood ES
	Full Day Kindergarten	118		5.9	19.7	6	140	7.0	20.0	7	104	5.2	17.3	6	146	6.1	20.9	7	146	6.1	20.9	7	121	5.0	20.2	6			39	775					-13	
Charles Kelly ES	Half Day Kindergarten	32	32	1.6	16.0	2	76	3.8	19.0	4	72	3.6	18.0	4	63	2.6	21.0	3	88	3.7	22.0	4	60	2.5	20.0	3	20	423			18	18	450	-2		Charles Kelly ES
	Full Day Kindergarten	64		3.2	16.0	4	76	3.8	19.0	4	72	3.6	18.0	4	63	2.6	21.0	3	88	3.7	22.0	4	60	2.5	20.0	3			22	423					-4	
Garretford ES	Half Day Kindergarten	52	53	2.6	17.5	3	125	6.3	17.9	7	123	6.2	17.6	7	111	4.6	22.2	5	130	5.4	21.7	6	121	5.0	20.2	6	34	715			29	27	675	-7		Garretford ES
	Full Day Kindergarten	105		5.3	17.5	6	125	6.3	17.9	7	123	6.2	17.6	7	111	4.6	22.2	5	130	5.4	21.7	6	121	5.0	20.2	6			37	715					-10	
Highland Park ES	Half Day Kindergarten	61	62	3.1	15.4	4	147	7.4	18.4	8	150	7.5	18.8	8	183	7.6	22.9	8	145	6.0	20.7	7	168	7.0	24.0	7	42	916			29	21	525	-21		Highland Park ES
	Full Day Kindergarten	123		6.2	17.6	7	147	7.4	18.4	8	150	7.5	18.8	8	183	7.6	22.9	8	145	6.0	20.7	7	168	7.0	24.0	7			45	916					-24	
Hillcrest ES	Half Day Kindergarten	50	50	2.5	16.7	3	119	6.0	19.8	6	118	5.9	19.7	6	130	5.4	21.7	6	132	5.5	22.0	6	139	5.8	23.2	6	33	738			27	27	675	-6		Hillcrest ES
	Full Day Kindergarten	100		5.0	20.0	5	119	6.0	19.8	6	118	5.9	19.7	6	130	5.4	21.7	6	132	5.5	22.0	6	139	5.8	23.2	6			35	738					-8	
Primos ES	Half Day Kindergarten	38	38	1.9	19.0	2	90	4.5	18.0	5	73	3.7	18.3	4	78	3.3	19.5	4	82	3.4	20.5	4	54	2.3	18.0	3	22	453			18	16	400	-6		Primos ES
	Full Day Kindergarten	76		3.8	19.0	4	90	4.5	18.0	5	73	3.7	18.3	4	78	3.3	19.5	4	82	3.4	20.5	4	54	2.3	18.0	3			24	453					-8	
Stonehurst Hills ES	Half Day Kindergarten	48	48	2.4	16.0	3	114	5.7	19.0	6	104	5.2	17.3	6	114	4.8	22.8	5	128	5.3	21.3	6	104	4.3	20.8	5	31	660			27	23	575	-8		Stonehurst Hills ES
	Full Day Kindergarten	96		4.8	19.2	5	114	5.7	19.0	6	104	5.2	17.3	6	114	4.8	22.8	5	128	5.3	21.3	6	104	4.3	20.8	5			33	660					-10	
Walter Senkow ES at K Center	Half Day Kindergarten	21	22	1.1	10.8	2	52	2.6	17.3	3	45	2.3	15.0	3	67	2.8	22.3	3	56	2.3	18.7	3	64	2.7	21.3	3	17	327			15	15	375	-2		Walter Senkow ES at K Center
	Full Day Kindergarten	43		2.2	14.3	3	52	2.6	17.3	3	45	2.3	15.0	3	67	2.8	22.3	3	56	2.3	18.7	3	64	2.7	21.3	3			18	327					-3	
Westbrook Park ES	Half Day Kindergarten	35	35	1.8	17.5	2	83	4.2	16.6	5	73	3.7	18.3	4	93	3.9	23.3	4	76	3.2	19.0	4	99	4.1	19.8	5	24	494			18	21	525	-3		Westbrook Park ES
	Full Day Kindergarten	70		3.5	17.5	4	83	4.2	16.6	5	73	3.7	18.3	4	93	3.9	23.3	4	76	3.2	19.0	4	99	4.1	19.8	5			26	494					-5	
Total:																										277	5863	298	5863	227	208	5200	-69	-90	Total	

Upper Darby School District Facility Study
Proposed Classroom Requirements Based Upon UDSD Demographic Data For 2017-18
with 1/2 Day and Full Day Kindergarten in Each Elementary School (Non-Redistricted) (Including Modular CRs) (Reduced Class Sizes K-5)

Table 11 PRELIMINARY

Elementary Schools (K-5)		K (Max 20)					1 (Max 22)				2 (Max 22)				3 (Max 22)				4 (Max 25)				5 (Max 25)				Half Day K		Full Day K		Bldg Capacity Per Educational Spec. Per Table 1.			Half Day K	Full Day K		
OPTION D		# Students AM	# Students PM	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	Total CR Required	Total # Students	Total CR Required	Total # Students	Total # CR w Capacity		Total Capacity	Classroom Deficit	Classroom Deficit		
Aronimink ES	Half Day Kindergarten	25	24	1.2	12.3	2	58	2.6	19.3	3	70	3.2	17.5	4	59	2.7	19.7	3	60	2.4	20.0	3	66	2.6	22.0	3	18	362			14		350	-4		Aronimink ES	
	Full Day Kindergarten		49	2.5	16.3	3	58	2.6	19.3	3	70	3.2	17.5	4	59	2.7	19.7	3	60	2.4	20.0	3	66	2.6	22.0	3			19	362					-5		
Bywood ES	Half Day Kindergarten	59	59	3.0	19.7	3	140	6.4	20.0	7	104	4.7	20.8	5	146	6.6	20.9	7	146	5.8	24.3	6	121	4.8	24.2	5	33	775			32		800	-1		Bywood ES	
	Full Day Kindergarten		118	5.9	19.7	6	140	6.4	20.0	7	104	4.7	20.8	5	146	6.6	20.9	7	146	5.8	24.3	6	121	4.8	24.2	5			36	775					-4		
Charles Kelly ES	Half Day Kindergarten	32	32	1.6	16.0	2	76	3.5	19.0	4	72	3.3	18.0	4	63	2.9	21.0	3	88	3.5	22.0	4	60	2.4	20.0	3	20	423			18		450	-2		Charles Kelly ES	
	Full Day Kindergarten		64	3.2	16.0	4	76	3.5	19.0	4	72	3.3	18.0	4	63	2.9	21.0	3	88	3.5	22.0	4	60	2.4	20.0	3			22	423					-4		
Garretford ES	Half Day Kindergarten	52	53	2.6	17.5	3	125	5.7	20.8	6	123	5.6	20.5	6	111	5.0	18.5	6	130	5.2	21.7	6	121	4.8	24.2	5	32	715			29		725	-3		Garretford ES	
	Full Day Kindergarten		105	5.3	17.5	6	125	5.7	20.8	6	123	5.6	20.5	6	111	5.0	18.5	6	130	5.2	21.7	6	121	4.8	24.2	5			35	715					-6		
Highland Park ES	Half Day Kindergarten	61	62	3.1	15.4	4	147	6.7	21.0	7	150	6.8	21.4	7	183	8.3	20.3	9	145	5.8	24.2	6	168	6.7	24.0	7	40	916			29		725	-11		Highland Park ES	
	Full Day Kindergarten		123	6.2	17.6	7	147	6.7	21.0	7	150	6.8	21.4	7	183	8.3	20.3	9	145	5.8	24.2	6	168	6.7	24.0	7			43	916					-14		
Hillcrest ES	Half Day Kindergarten	50	50	2.5	16.7	3	119	5.4	19.8	6	118	5.4	19.7	6	130	5.9	21.7	6	132	5.3	22.0	6	139	5.6	23.2	6	33	738			27		675	-6		Hillcrest ES	
	Full Day Kindergarten		100	5.0	20.0	5	119	5.4	19.8	6	118	5.4	19.7	6	130	5.9	21.7	6	132	5.3	22.0	6	139	5.6	23.2	6			35	738					-8		
Primos ES	Half Day Kindergarten	38	38	1.9	19.0	2	90	4.1	18.0	5	73	3.3	18.3	4	78	3.5	19.5	4	82	3.3	20.5	4	54	2.2	18.0	3	22	453			18		450	-4		Primos ES	
	Full Day Kindergarten		76	3.8	19.0	4	90	4.1	18.0	5	73	3.3	18.3	4	78	3.5	19.5	4	82	3.3	20.5	4	54	2.2	18.0	3			24	453					-6		
Stonehurst Hills ES	Half Day Kindergarten	48	48	2.4	16.0	3	114	5.2	19.0	6	104	4.7	20.8	5	114	5.2	19.0	6	128	5.1	21.3	6	104	4.2	20.8	5	31	660			27		675	-4		Stonehurst Hills ES	
	Full Day Kindergarten		96	4.8	19.2	5	114	5.2	19.0	6	104	4.7	20.8	5	114	5.2	19.0	6	128	5.1	21.3	6	104	4.2	20.8	5			33	660					-6		
Walter Senkow ES at K Center	Half Day Kindergarten	21	22	1.1	10.8	2	52	2.4	17.3	3	45	2.0	15.0	3	67	3.0	16.8	4	56	2.2	18.7	3	64	2.6	21.3	3	18	327			15		375	-3		Walter Senkow ES at K Center	
	Full Day Kindergarten		43	2.2	14.3	3	52	2.4	17.3	3	45	2.0	15.0	3	67	3.0	16.8	4	56	2.2	18.7	3	64	2.6	21.3	3			19	327					-4		
Westbrook Park ES	Half Day Kindergarten	35	35	1.8	17.5	2	83	3.8	20.8	4	73	3.3	18.3	4	93	4.2	18.6	5	76	3.0	19.0	4	99	4.0	24.8	4	23	494			18		450	-5		Westbrook Park ES	
	Full Day Kindergarten		70	3.5	17.5	4	83	3.8	20.8	4	73	3.3	18.3	4	93	4.2	18.6	5	76	3.0	19.0	4	99	4.0	24.8	4			25	494					-7		
Total:																										270	5863		291	5863		227		5675	-43	-64	Total

Note 1: Table uses Demographic data as provided by UDSD on 11/10/16.

Note 2: Classroom (CR) count based upon typical classroom spaces greater than 600 SF including modular classrooms but excluding office areas, cafeteria, gymnasium, etc.

Per UDSD, 600 square feet is considered the minimum size for standard classrooms for the purpose of this study. It is important to note that PDE does not qualify rooms for student capacity unless their size is 660 SF or greater.

Note 3: Classroom enrollment size goals and maximums as provided by UDSD

Note 4: Table 9 returns Gr 4-5 Autistic Program to Westbrook Park and Emotional Support to Hillcrest - both previously planned at Highland Park per Ed Specs.

Upper Darby School District Facility Study
Proposed Classroom Requirements Based Upon UDSD Demographic Data For 2017-18
with 1/2 Day and Full Day Kindergarten in Each Elementary School (Non-Redistricted) (Excluding Modular CRs) (Reduced Class Sizes K-5)

Table 12 PRELIMINARY

Elementary Schools (K-5)		K (Max 20)					1 (Max 22)				2 (Max 22)				3 (Max 22)				4 (Max 25)				5 (Max 25)				Half Day K		Full Day K		Bldg Capacity Per Educational Spec. Per Table 1.			Half Day K	Full Day K	
OPTION D		# Students AM	# Students PM	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	# Students	# CR Value	Students Per CR	# CR Req'd	Total CR Required	Total # Students	Total CR Required	Total # Students	Total # CR w Capacity	Total # CR w Capacity (No Mod CR)	Total Capacity	Classroom Deficit	Classroom Deficit	
Aronimink ES	Half Day Kindergarten	25	24	1.2	12.3	2	58	2.6	19.3	3	70	3.2	17.5	4	59	2.7	19.7	3	60	2.4	20.0	3	66	2.6	22.0	3	18	362			14	14	350	-4		Aronimink ES
	Full Day Kindergarten	49		2.5	16.3	3	58	2.6	19.3	3	70	3.2	17.5	4	59	2.7	19.7	3	60	2.4	20.0	3	66	2.6	22.0	3			19	362					-5	
Bywood ES	Half Day Kindergarten	59	59	3.0	19.7	3	140	6.4	20.0	7	104	4.7	20.8	5	146	6.6	20.9	7	146	5.8	24.3	6	121	4.8	24.2	5	33	775			32	26	650	-7		Bywood ES
	Full Day Kindergarten	118		5.9	19.7	6	140	6.4	20.0	7	104	4.7	20.8	5	146	6.6	20.9	7	146	5.8	24.3	6	121	4.8	24.2	5			36	775					-10	
Charles Kelly ES	Half Day Kindergarten	32	32	1.6	16.0	2	76	3.5	19.0	4	72	3.3	18.0	4	63	2.9	21.0	3	88	3.5	22.0	4	60	2.4	20.0	3	20	423			18	18	450	-2		Charles Kelly ES
	Full Day Kindergarten	64		3.2	16.0	4	76	3.5	19.0	4	72	3.3	18.0	4	63	2.9	21.0	3	88	3.5	22.0	4	60	2.4	20.0	3			22	423					-4	
Garretford ES	Half Day Kindergarten	52	53	2.6	17.5	3	125	5.7	20.8	6	123	5.6	20.5	6	111	5.0	18.5	6	130	5.2	21.7	6	121	4.8	24.2	5	32	715			29	27	675	-5		Garretford ES
	Full Day Kindergarten	105		5.3	17.5	6	125	5.7	20.8	6	123	5.6	20.5	6	111	5.0	18.5	6	130	5.2	21.7	6	121	4.8	24.2	5			35	715					-8	
Highland Park ES	Half Day Kindergarten	61	62	3.1	15.4	4	147	6.7	21.0	7	150	6.8	21.4	7	183	8.3	20.3	9	145	5.8	24.2	6	168	6.7	24.0	7	40	916			29	21	525	-19		Highland Park ES
	Full Day Kindergarten	123		6.2	17.6	7	147	6.7	21.0	7	150	6.8	21.4	7	183	8.3	20.3	9	145	5.8	24.2	6	168	6.7	24.0	7			43	916					-22	
Hillcrest ES	Half Day Kindergarten	50	50	2.5	16.7	3	119	5.4	19.8	6	118	5.4	19.7	6	130	5.9	21.7	6	132	5.3	22.0	6	139	5.6	23.2	6	33	738			27	27	675	-6		Hillcrest ES
	Full Day Kindergarten	100		5.0	20.0	5	119	5.4	19.8	6	118	5.4	19.7	6	130	5.9	21.7	6	132	5.3	22.0	6	139	5.6	23.2	6			35	738					-8	
Primos ES	Half Day Kindergarten	38	38	1.9	19.0	2	90	4.1	18.0	5	73	3.3	18.3	4	78	3.5	19.5	4	82	3.3	20.5	4	54	2.2	18.0	3	22	453			18	16	400	-6		Primos ES
	Full Day Kindergarten	76		3.8	19.0	4	90	4.1	18.0	5	73	3.3	18.3	4	78	3.5	19.5	4	82	3.3	20.5	4	54	2.2	18.0	3			24	453					-8	
Stonehurst Hills ES	Half Day Kindergarten	48	48	2.4	16.0	3	114	5.2	19.0	6	104	4.7	20.8	5	114	5.2	19.0	6	128	5.1	21.3	6	104	4.2	20.8	5	31	660			27	23	575	-8		Stonehurst Hills ES
	Full Day Kindergarten	96		4.8	19.2	5	114	5.2	19.0	6	104	4.7	20.8	5	114	5.2	19.0	6	128	5.1	21.3	6	104	4.2	20.8	5			33	660					-10	
Walter Senkow ES at K Center	Half Day Kindergarten	21	22	1.1	10.8	2	52	2.4	17.3	3	45	2.0	15.0	3	67	3.0	16.8	4	56	2.2	18.7	3	64	2.6	21.3	3	18	327			15	15	375	-3		Walter Senkow ES at K Center
	Full Day Kindergarten	43		2.2	14.3	3	52	2.4	17.3	3	45	2.0	15.0	3	67	3.0	16.8	4	56	2.2	18.7	3	64	2.6	21.3	3			19	327					-4	
Westbrook Park ES	Half Day Kindergarten	35	35	1.8	17.5	2	83	3.8	20.8	4	73	3.3	18.3	4	93	4.2	18.6	5	76	3.0	19.0	4	99	4.0	24.8	4	23	494			18	21	525	-2		Westbrook Park ES
	Full Day Kindergarten	70		3.5	17.5	4	83	3.8	20.8	4	73	3.3	18.3	4	93	4.2	18.6	5	76	3.0	19.0	4	99	4.0	24.8	4			25	494					-4	
Total:																										270	5863		291	5863	227	208	5200	-62	-83	Total