

QUINCE ORCHARD CLUSTER

SCHOOLS

Quince Orchard High School

Capital Project: Projections indicate that enrollment at Quince Orchard High School will exceed capacity by 200 seats or more by the end of the six year planning period. An FY 2018 appropriation was approved for a facility planning to conduct a capacity study. Relocatable classroom will be utilized as needed until additional capacity can be provided. Expenditures are recommended in the six-year period to open a new high school on the Crown Farm site to address overutilization in the mid-county region. An FY 2019 appropriation for planning is recommended to begin the architectural design for this new school. Once the planning is complete, a recommendation will be included in the next full CIP regarding the phasing and completion date for the opening of this new high school.

Rachel Carson Elementary School

Planning Issue: Projections indicate that enrollment at Rachel Carson Elementary School will exceed capacity by over 300 seats throughout the six-year planning period. To address the high enrollment at Rachel Carson Elementary School, the Board of Education approved the expansion of DuFief Elementary School to accommodate the overutilization of Rachel Carson Elementary School. The Board of Education action can be found at the following link: http://gis.mcpsmd.org/cipmasterpdfs/CIP17_AdoptedRachelCarsonESOverutilization.pdf

Capital Project: Expenditures are recommended to provide capacity and facility upgrades at DuFief Elementary School. An FY 2019 appropriation for planning funds is recommended to begin the architectural design for this project with a scheduled completion of September 2021. Relocatable classrooms will be utilized until additional capacity can be added. In order for this project to be completed on this schedule, county and state funding must be provided at the levels recommended in this CIP.

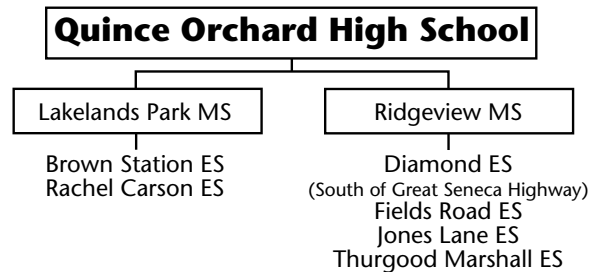
Fields Road Elementary School

Capital Project: Previous projections indicated that enrollment at Fields Road Elementary School would exceed capacity by 92 seats or more by the end of the six-year planning period. Therefore, an FY 2015 appropriation was completed for facility planning to determine the feasibility, scope, and cost for a classroom addition. The current space deficit, however, does not meet the minimum threshold of 92 seats or more for consideration of an addition project. Therefore, enrollment will continue to be monitored and relocatable classrooms will be utilized.

Thurgood Marshall Elementary School

Capital Project: Previous projections indicated that enrollment at Thurgood Marshall Elementary School would exceed capacity by 92 seats or more by the end of the six-year planning period. A feasibility study was conducted in FY 2008 to determine the feasibility, cost, and scope of an addition project. Current projections indicate that enrollment is trending down in the six-year period; however, enrollment will exceed capacity slightly above the 92 seat threshold within the same time period. Therefore, enrollment will continue to be monitored and relocatable classrooms will be utilized until a capacity project is considered in a future CIP.

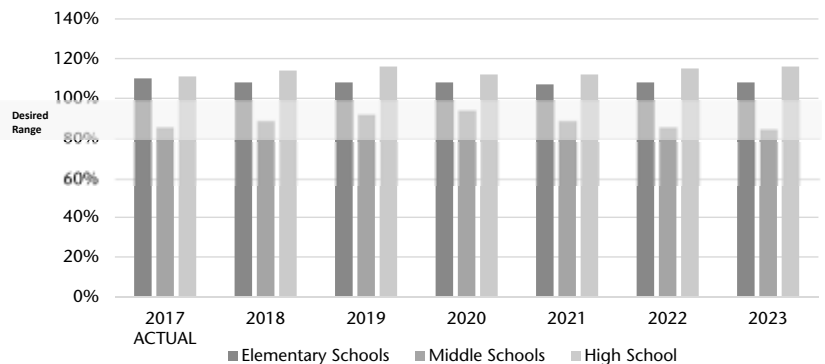
Quince Orchard Cluster Articulation*



*"Cluster" is defined as the collection of elementary schools that articulate to the same high school.

*Diamond (north of Great Seneca Highway) and Darnestown elementary schools also articulate to Lakelands Park Middle School, but thereafter to Northwest High School.

Quince Orchard Cluster School Utilizations



Note: Percent utilization calculated as total enrollment of schools divided by total capacity. Projected capacity factors in capital projects.

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Projected Enrollment and Space Availability Effects of the Recommended FY 2019–2024 CIP and Non–CIP Actions on Space Available

Schools		Actual 17–18	Projections								
			18–19	19–20	20–21	21–22	22–23	23–24	2027	2032	
Quince Orchard HS	Program Capacity	1837	1837	1837	1837	1837	1837	1837	1837	1837	1837
	Enrollment	2042	2091	2139	2051	2049	2112	2140	2130	2150	
	Available Space	(205)	(254)	(302)	(214)	(212)	(275)	(303)	(293)	(313)	
	Comments	See text									
Lakelands Park MS	Program Capacity	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147
	Enrollment	1105	1118	1158	1171	1159	1141	1158	1180	1200	
	Available Space	42	29	(11)	(24)	(12)	6	(11)	(33)	(53)	
	Comments										
Ridgeview MS	Program Capacity	955	955	955	955	955	955	955	955	955	955
	Enrollment	704	749	777	804	711	664	638	540	400	
	Available Space	251	206	178	151	244	291	317	415	555	
	Comments										
Brown Station ES	Program Capacity	761	761	761	761	761	761	761	761	761	761
	Enrollment	585	568	573	581	575	565	558	558	558	
	Available Space	176	193	188	180	186	196	203			
	Comments	Rev/Ex Complete									
Rachel Carson ES	Program Capacity	691	691	691	691	691	691	691	691	691	691
	Enrollment	1025	986	985	984	998	1011	1010			
	Available Space	(334)	(295)	(294)	(293)	(307)	(320)	(319)			
	Comments	See text									
Fields Road ES	Program Capacity	457	457	457	457	457	457	457	457	457	457
	Enrollment	468	466	453	462	466	473	482			
	Available Space	(11)	(9)	4	(5)	(9)	(16)	(25)			
	Comments										
Jones Lane ES	Program Capacity	441	441	441	441	441	441	441	441	441	441
	Enrollment	448	446	447	459	423	436	437			
	Available Space	(7)	(5)	(6)	(18)	18	5	4			
	Comments										
Thurgood Marshall ES	Program Capacity	558	558	558	558	558	558	558	558	558	558
	Enrollment	685	668	672	660	653	655	662			
	Available Space	(127)	(110)	(114)	(102)	(95)	(97)	(104)			
	Comments										
Cluster Information	HS Utilization	111%	114%	116%	112%	112%	115%	116%	116%	117%	
	HS Enrollment	2042	2091	2139	2051	2049	2112	2140	2130	2150	
	MS Utilization	86%	89%	92%	94%	89%	86%	85%	82%	76%	
	MS Enrollment	1809	1867	1935	1975	1870	1805	1796	1720	1600	
	ES Enrollment	3211	3134	3130	3146	3115	3140	3149	2670	2670	

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Demographic Characteristics of Schools

Schools	2017-2018						2016-2017		
	Total Enrollment	Two or more races %	Black or Afr. Amer. %	Asian%	Hispanic %	White %	FARMS%*	ESOL%**	Mobility Rate%***
Quince Orchard HS	2042	4.5%	15.1%	13.6%	26.6%	40.2%	22.8%	9.0%	11.8%
Lakelands Park MS	1105	4.9%	15.3%	15.9%	22.0%	41.9%	23.4%	4.6%	11.6%
Ridgeview MS	704	5.0%	14.1%	13.1%	26.6%	41.2%	28.6%	6.8%	9.7%
Brown Station ES	585	2.7%	26.3%	11.6%	48.4%	10.6%	68.0%	29.5%	25.5%
Rachel Carson ES	1025	7.9%	8.6%	16.4%	19.1%	47.9%	20.1%	11.8%	10.9%
Fields Road ES	468	4.5%	17.5%	15.6%	35.7%	26.5%	42.1%	20.6%	15.5%
Jones Lane ES	449	5.8%	14.0%	9.1%	27.4%	43.4%	27.1%	18.2%	6.6%
Thurgood Marshall ES	685	4.7%	18.4%	17.1%	27.6%	31.7%	33.6%	14.2%	16.4%
Elementary Cluster Total	3212	5.5%	16.0%	14.5%	29.8%	33.9%	33.5%	16.7%	14.3%
Elementary County Total	76590	5.3%	21.4%	14.0%	32.3%	26.6%	40.3%	23.2%	14.1%

*Percent of students approved for Free and Reduced-priced Meals Program (FARMS) during the 2016-2017 school year.

**Percent of English for Speakers of Other Languages (ESOL) during the 2016-2017 school year. High School students are served in regional ESOL centers.

***Mobility Rate is the number of entries plus withdrawals during the 2016-2017 school year compared to total enrollment.

Notes: Native Hawaiian/Pacific Islander and American Indian/Alaskan Native categories total less than 1% and were therefore excluded from the table.

Due to federal and state guidelines, demographic characteristics of schools of less than or equal to 5 students per category are reported as 0%.

Program Capacity Table

(School Year 2017-2018)

Schools	Special Education Services																																			
	Grades Served	Capacity (HS @90% MS@85%)	Total Rooms	Support Rooms	Regular Secondary @25	Regular Elementary @23	CSR Grades 1-2 @18	Pre-K @20	Pre-K @40	HS @20	CSR KIND @18	KIND @22	ESOL @15	METS @15	HSM @13	ELEM LAD @13	ELC @10	LANG @12	LFI @10	SCB @6	AAC@7	AUT @6	BRIDGE @10	DHOH @7	ED @10	EXTENSIONS @6	GT/LD @13	PD @7	PEP@6	PEP @12	PEP @18	VISION (Elementary) @7	OTHER			
																																		School Based	Cluster Based	Quad Cluster Based
Quince Orchard HS	9-12	1837	87		78									3	1									3												
Lakelands Park MS	6-8	1147	57		53															2					2											
Ridgeview MS	6-8	955	48		44																	4														
Brown Station ES	HS-5	761	41	3		16	10	2	1		4				1																					
Rachel Carson ES	PreK-5	691	35	4		22			1		6				1																					1
Fields Road ES	PreK-5	457	30	4		8	8	1			4				1								4													
Jones Lane ES	K-5	441	27	5		14					3				1		4																			
Thurgood Marshall ES	K-5	558	32	3		17					4				1																	1	3		3	

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Facility Characteristics of Schools 2017–2018

Schools	Year Facility Opened	Year Reopened/ Revitalized	Total Square Footage	Site Size Acres	Adjacent Park	Reloc-atable Classrooms	County Programs	Home School Model
Quince Orchard HS	1988		284,912	30.1				
Lakelands Park MS	2005		153,588	8.11	Yes			
Ridgeview MS	1975		139,742	20		4		
Brown Station ES	1969	2017	113,998	9	Yes			Yes
Rachel Carson ES	1990		78,547	12.4		11		Yes
Fields Road ES	1973		72,302	10		4		Yes
Jones Lane ES	1987		60,679	12.1		2		Yes
Thurgood Marshall ES	1993		77,798	12		5		Yes