

COL. ZADOK MAGRUDER CLUSTER

CLUSTER PLANNING ISSUES

Since 2007, elementary school enrollment in the Gaithersburg Cluster has increased by 820 students. Some of this growth is due to new planned housing associated with the Shady Grove Sector Plan. A comprehensive capacity study was conducted during the 2014–2015 school year for the Gaithersburg Cluster to address enrollment growth in this area. Because of the challenges of enrollment growth, and absorption of large new residential developments, a tri-cluster roundtable discussion group convened in spring 2016, to take a broader look at school enrollments, utilization levels and facility options in the Gaithersburg Cluster. Three adjacent clusters participated in the Roundtable—Gaithersburg, Col. Zadok Magruder, and Thomas S. Wootton.

Planning Study: A boundary study was conducted in spring 2017 to reassign the portion of the Shady Grove Sector Plan that is located east of Interstate 370 in the Washington Grove Elementary School, Forest Oak Middle School, and Gaithersburg High School service areas to the Col. Zadok Magruder Cluster schools. On March 22, 2018, based on the recommendation to open a new school in the Gaithersburg Cluster, the Board of Education approved not to reassign the portion of the Shady Grove Sector Plan within the Gaithersburg Cluster service area to Col. Zadok Magruder schools.

SCHOOLS

Judith A. Resnik Elementary School

Capital Project: A feasibility study was conducted in FY 2013 to determine the cost and scope of an addition project. Projections indicate enrollment will trend down over the six-year planning period at Judith A. Resnik Elementary School; however, enrollment will continue to exceed capacity over the same time. Therefore, planning will continue for the proposed addition project and expenditures for construction funds will be considered in a future CIP. Enrollment will continue to be monitored and relocatable classrooms will be utilized.

CAPITAL PROJECTS

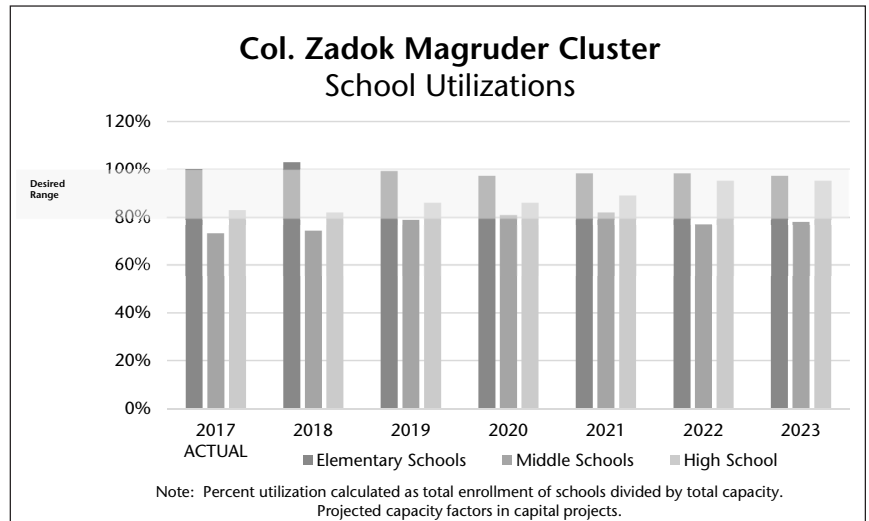
School	Project	Project Status*	Date of Completion
Judith A. Resnik ES	Classroom addition	Programmed	TBD

*Approved—Project has an FY 2019 appropriation for planning or construction funds approved in the FY 2019–2024 CIP.

*Delayed—Project has expenditures approved in the FY 2019–2024 CIP but the completion date was delayed by one year.

*Programmed—Project has expenditures programmed in a future year of the CIP for planning and/or construction funds.

*Proposed—Project has facility planning funds approved for a feasibility study.



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Projected Enrollment and Space Availability
Effects of the Approved 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
Col. Zadok Magruder HS	Program Capacity		1950	1950	1950	1950	1950	1950	1950	1950	1950
	Enrollment		1615	1659	1682	1683	1735	1854	1862	2090	2360
	Available Space		335	291	268	267	215	96	88	(140)	(410)
	Comments										
Redland MS	Program Capacity		765	765	765	765	765	765	765	765	765
	Enrollment		556	594	670	676	698	634	631	660	660
	Available Space		209	171	95	89	67	131	134	105	105
	Comments										
Shady Grove MS	Program Capacity		846	846	846	846	846	846	846	846	846
	Enrollment		615	606	600	621	615	610	623	610	680
	Available Space		231	240	246	225	231	236	223	236	166
	Comments										
Candlewood ES	Program Capacity		514	514	514	514	514	514	514		
	Enrollment		376	393	390	386	378	388	359		
	Available Space		138	121	124	128	136	126	155		
	Comments										
Cashell ES	Program Capacity		340	340	340	340	340	340	340		
	Enrollment		381	393	394	391	412	412	403		
	Available Space		(41)	(53)	(54)	(51)	(72)	(72)	(63)		
	Comments										
Flower Hill ES	Program Capacity	CSR	465	465	465	465	465	465	465		
	Enrollment		487	483	490	485	485	492	483		
	Available Space		(22)	(18)	(25)	(20)	(20)	(27)	(18)		
	Comments										
Mill Creek Towne ES	Program Capacity	CSR	321	321	321	321	321	321	321		
	Enrollment		390	436	371	354	347	338	336		
	Available Space		(69)	(115)	(50)	(33)	(26)	(17)	(15)		
	Comments										
Judith A. Resnik ES	Program Capacity	CSR	498	498	498	498	498	498	498		
	Enrollment		634	638	614	611	615	608	608		
	Available Space		(136)	(140)	(116)	(113)	(117)	(110)	(110)		
	Comments		Planning for Addition See text								
Sequoayah ES	Program Capacity	CSR	508	508	508	508	508	508	508		
	Enrollment		387	378	353	335	347	358	381		
	Available Space		121	130	155	173	161	150	127		
	Comments										
Cluster Information	HS Utilization		83%	85%	86%	86%	89%	95%	95%	107%	121%
	HS Enrollment		1615	1659	1682	1683	1735	1854	1862	2090	2360
	MS Utilization		73%	74%	79%	81%	82%	77%	78%	79%	83%
	MS Enrollment		1171	1200	1270	1297	1313	1244	1254	1270	1340
	ES Utilization		100%	103%	99%	97%	98%	98%	97%	94%	91%
ES Enrollment		2655	2721	2612	2562	2584	2596	2570	2480	2400	

COL. ZADOK MAGRUDER CLUSTER

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%***
Col. Zadok Magruder HS	1615	5.1%	17.4%	12.3%	38.9%	26.1%	33.4%	12.2%	16.2%
Redland MS	556	5.2%	19.1%	13.7%	37.9%	23.6%	41.4%	10.8%	9.1%
Shady Grove MS	615	3.6%	21.5%	11.2%	41.6%	21.6%	43.1%	9.9%	15.3%
Candlewood ES	376	5.3%	15.2%	17.0%	16.8%	45.2%	20.7%	15.4%	11.5%
Cashell ES	381	9.2%	15.2%	7.3%	25.2%	43.0%	24.7%	12.9%	3.2%
Flower Hill ES	487	4.7%	31.2%	10.7%	46.4%	6.6%	62.6%	36.8%	24.7%
Mill Creek Towne ES	390	5.9%	15.9%	10.5%	47.9%	19.2%	49.7%	30.3%	20.1%
Judith A. Resnik ES	634	4.9%	30.9%	11.5%	39.0%	13.6%	54.3%	29.7%	21.9%
Sequoyah ES	387	5.2%	12.7%	11.9%	48.3%	21.7%	51.9%	37.0%	16.2%
Elementary Cluster Total	2655	5.7%	21.6%	11.5%	37.9%	23.0%	45.8%	27.7%	17.2%
Elementary County Total	76740	5.3%	21.5%	14.0%	32.4%	26.5%	39.1%	25.1%	14.1%

*Percent of students approved for Free and Reduced-priced Meals Program (FARMS) during the 2017–2018 school year.

**Percent of English for Speakers of Other Languages (ESOL) during the 2017–2018 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	School Based	Cluster Based	Quad Cluster Based	County & Regional Based																			
															HSM @13	ELEM LAD @13	ELC @10	LANG @12	LFI @10	SCB @6	AAC@7	AUT @6	BRIDGE @10	DHOH @7	SESS @10	EXTENSIONS @6	GT/LD @13	PD @7	PEP@6	PEP @12	PEP @18	VISION (Elementary) @7	OTHER				
Col. Zadok Magruder HS	9-12	1950	91		84							1						2																			
Redland MS	6-8	765	36		36																																
Shady Grove MS	6-8	846	45		38							1																									3
Candlewood ES	K-5	514	28	4		18					4																										2
Cashell ES	PreK-5	340	21	3		10	1				3											2															2
Flower Hill ES	PreK-5	465	29	5		7	9	1		4																											3
Mill Creek Towne ES	HS-5	321	25	5		1	8	1		4									5	1																	
Judith A. Resnik ES	PreK-5	498	31	5		6	11	1		6																											2
Sequoyah ES	K-5	508	30	4		11	8			4									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
Col. Zadok Magruder HS	1970		295,478	30				
Redland MS	1971		112,297	20.64	Yes			
Shady Grove MS	1995	1999	129,206	20				
Candlewood ES	1968	2015	82,222	11.8				
Cashell ES	1969	2009	71,171	10.24		2		
Flower Hill ES	1985		58,770	10	Yes	3		
Mill Creek Towne ES	1966	2000	67,465	8.4		3		
Judith A. Resnik ES	1991		78,547	12.8		6		
Sequoyah ES	1990		72,582	10	Yes			