

# COL. ZADOK MAGRUDER CLUSTER

## CLUSTER PLANNING ISSUES

**Planning Study:** A capacity study was approved for the Watkins Mill Cluster to evaluate the space deficits at the elementary school level, as well as look to adjacent clusters to address overutilization issues. The capacity study was conducted in summer 2021. Non-capital and/or capital solutions will be considered in a future CIP.

## SCHOOLS

### Col. Zadok Magruder High School

**Capital Project:** To address various building systems and programmatic needs for this school, a major capital project is planned. Expenditures for this project are included in the Major Capital Projects—Secondary and an appropriation will be requested for planning funds in a future CIP. Due to fiscal constraints, the County Council, in the adopted FY2023-2028 CIP, delayed this project two years. This project is now scheduled for completion in August 2029.

### Candlewood Elementary School

**Planning Study:** See text under Cluster Planning Issues.

### Cashell Elementary School

**Planning Study:** See text under Cluster Planning Issues.

### Flower Hill Elementary School

**Planning Study:** See text under Cluster Planning Issues.

### Mill Creek Towne Elementary School

**Planning Study:** See text under Cluster Planning Issues.

**Planning Study:** Projections indicate that enrollment will exceed capacity by the end of the six-year planning period. An FY 2021 appropriation was approved for facility planning to conduct a feasibility study for a possible addition to this school and identify a scope and cost for the project. Relocatable classrooms will be utilized until additional capacity can be added.

### Judith A. Resnik Elementary School

**Planning Study:** See text under Cluster Planning Issues

**Capital Project:** A feasibility study was conducted in FY 2013 to determine the cost and scope of an addition project. Projections indicate enrollment will be stable 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 be completed 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.

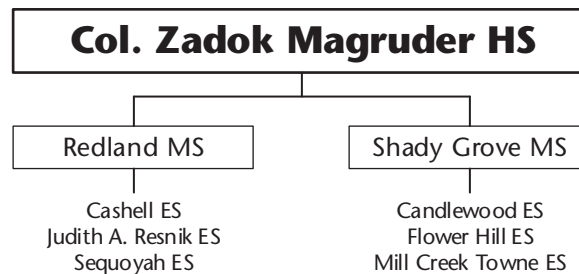
### Sequoyah Elementary School

**Planning Study:** See text under Cluster Planning Issues.

## CAPITAL PROJECTS

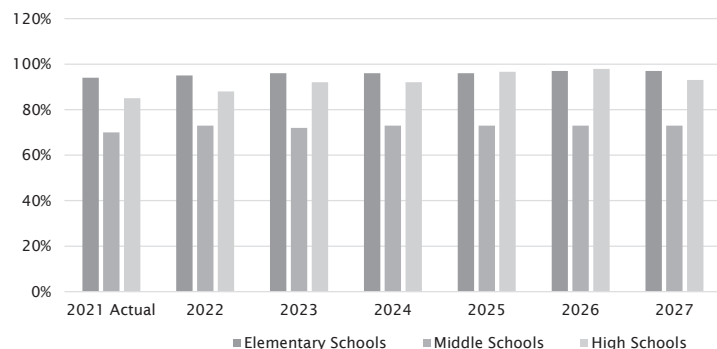
School	Project	Project Status*	Date of Completion
Col. Zadok Magruder HS	Major Capital Project	Programmed	August 2029
Mill Creek Towne ES	Addition	Proposed	TBD
Judith A. Resnik ES	Addition	Proposed	TBD

## Magruder Cluster Articulation



See Appendix U for multicolored maps of service areas.

## Col. Zadok Magruder Cluster School Utilizations



Note: Percent utilization calculated as total enrollment of schools divided by total capacity. Projected capacity factors in capital projects. Desired utilization range is between 80% - 100%

**COL. ZADOK MAGRUDER CLUSTER**

**Projected Enrollment and Space Availability**  
Effects of the Approved FY 2023–2028 CIP and Non-CIP Actions on Space Available

Schools			Actual		Projections						
			21–22	22–23	23–24	24–25	25–26	26–27	27–28	2031	2036
Col. Zadok Magruder HS		Program Capacity	1907	1907	1907	1907	1907	1907	1907	2020	2020
		Enrollment	1616	1671	1757	1763	1859	1861	1876	1900	1950
		Available Space	291	236	150	144	48	46	31	120	70
		Comments				Plng. for Maj. Cap. Project					
Redland MS		Program Capacity	765	765	765	765	765	765	765	765	765
		Enrollment	614	619	592	590	596	594	590	600	650
		Available Space	151	146	173	175	169	171	175	165	115
		Comments									
Shady Grove MS		Program Capacity	854	854	854	854	854	854	854	854	854
		Enrollment	524	524	577	585	590	588	585	600	650
		Available Space	330	330	277	269	264	266	269	254	204
		Comments									
Candlewood ES		Program Capacity	515	515	515	515	515	515	515		
		Enrollment	366	363	377	385	389	392	397		
		Available Space	149	152	138	130	126	123	118		
		Comments	See Text								
Cashell ES		Program Capacity	340	340	340	340	340	340	340		
		Enrollment	321	332	334	342	335	340	328		
		Available Space	19	8	6	(2)	5	0	12		
		Comments	See Text								
Flower Hill ES	CSR	Program Capacity	488	488	488	488	488	488	488		
		Enrollment	427	427	434	427	442	460	472		
		Available Space	61	61	54	61	46	28	16		
		Comments	See Text								
Mill Creek Towne ES	CSR	Program Capacity	323	323	323	323	323	323	323		
		Enrollment	463	486	505	512	511	505	512		
		Available Space	(140)	(163)	(182)	(189)	(188)	(182)	(189)		
		Comments	See Text								
Judith A. Resnik ES	CSR	Program Capacity	503	503	503	503	503	503	503		
		Enrollment	559	566	546	541	532	520	514		
		Available Space	(56)	(63)	(43)	(38)	(29)	(17)	(11)		
		Comments	See Text								
Sequoyah ES	CSR	Program Capacity	508	508	508	508	508	508	508		
		Enrollment	353	366	381	373	373	371	365		
		Available Space	155	142	127	135	135	137	143		
		Comments	See Text								
Cluster Information		HS Utilization	85%	88%	92%	92%	97%	98%	98%	94%	97%
		HS Enrollment	1616	1671	1757	1763	1859	1861	1876	1900	1950
		MS Utilization	70%	71%	72%	73%	73%	73%	73%	74%	80%
		MS Enrollment	1138	1143	1169	1175	1186	1182	1175	1200	1300
		ES Enrollment	2489	2540	2577	2580	2582	2588	2588		

**COL. ZADOK MAGRUDER CLUSTER**

**Demographic Characteristics of Schools**

Schools	2021-2022						2021-2022		2020-2021
	Total Enrollment	Two or more races %	Black or Afr. Amer. %	Asian%	Hispanic %	White %	FARMS%*	ESOL%**	Mobility Rate%***
Col. Zadok Magruder HS	1,616	3.9%	18.5%	13.0%	42.0%	22.3%	43.8%	13.1%	6.4%
Redland MS	614	5.7%	20.7%	10.1%	42.3%	20.8%	50.5%	17.3%	7.9%
Shady Grove MS	524	5.0%	21.4%	11.6%	41.2%	20.6%	52.7%	16.0%	7.0%
Candlewood ES	366	9.0%	14.2%	16.7%	18.6%	41.3%	24.3%	19.9%	13.8%
Cashell ES	321	12.5%	15.3%	5.9%	24.6%	41.7%	25.2%	9.7%	9.4%
Flower Hill ES	427	4.9%	26.7%	11.5%	50.4%	6.3%	62.8%	40.5%	16.2%
Mill Creek Towne ES	463	7.8%	18.4%	15.8%	41.7%	15.8%	45.4%	28.1%	13.4%
Judith A. Resnik ES	559	4.1%	28.8%	11.3%	41.5%	14.0%	56.2%	25.6%	11.3%
Sequoyah ES	353	7.1%	13.3%	11.0%	41.6%	26.9%	42.8%	31.7%	12.4%
<b>Elementary Cluster Total</b>	<b>2,489</b>	<b>7.2%</b>	<b>20.4%</b>	<b>12.2%</b>	<b>37.5%</b>	<b>22.4%</b>	<b>44.7%</b>	<b>26.6%</b>	<b>12.8%</b>
<b>Elementary County Total</b>	<b>71,050</b>	<b>5.3%</b>	<b>21.8%</b>	<b>13.7%</b>	<b>34.8%</b>	<b>24.0%</b>	<b>40.8%</b>	<b>25.4%</b>	<b>13.4%</b>

\*Percent of students approved for Free and Reduced-priced Meals Program (FARMS) during the 2021-2022 school year.

\*\*Percent of English for Speakers of Other Languages (ESOL) during the 2021-2022 school year. High School students are served in regional ESOL centers.

\*\*\*Mobility Rate is the number of entries plus withdrawals during the 2020-2021 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 2021-2022)

		Special Education Services																																		
		School Based		Cluster Based		Quad Cluster Based			County & Regional Based																											
						ELC @10	LANG @12	LFI @10	SCB @6	AAC @7	AUT @6	BRIDGE @10	DH0H @7	SESES @10	EXTENSIONS @6	GT/LD @13	PD @7	PEP @6	PEP @12	PEP @18	VISION (Elementary) @7	OTHER														
Schools	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	DH0H @7	SESES @10	EXTENSIONS @6	GT/LD @13	PD @7	PEP @6	PEP @12	PEP @18	VISION (Elementary) @7	OTHER			
Col. Zadok Magruder HS	9-12	1907	91	81								2										4			4											
Redland MS	6-8	765	36	36																																
Shady Grove MS	6-8	854	45	39																				3										3		
Candlewood ES	K-5	515	28	4	19							3														2										
Cashell ES	Pre-K-5	340	21	3	10	1					3								2										2							
Flower Hill ES	Pre-K-5	488	28	3	8	9	1			4														3												
Mill Creek Towne ES	HS-5	323	25	5	3	6	1			3							6	1																		
Judith A. Resnik ES	Pre-K-5	503	31	5	7	11	1			5																	2									
Sequoyah ES	K-5	508	30	4	11	8				4						3																				

## COL. ZADOK MAGRUDER CLUSTER

### Facility Characteristics of Schools 2021–2022

Schools	Year Facility Opened	Year Reopened/ Revitalized	Total Square Footage	Site Size Acres	Adjacent Park	Relocatable Classrooms	County Programs
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		9	
Judith A. Resnik ES	1991		78,547	12.8		6	
Sequoyah ES	1990		73,080	10	Yes		



**Candlewood Elementary School**