

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.

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

*Approved—Project has an approved FY 2023 appropriation in the FY 2023–2028 CIP for planning or construction funds.

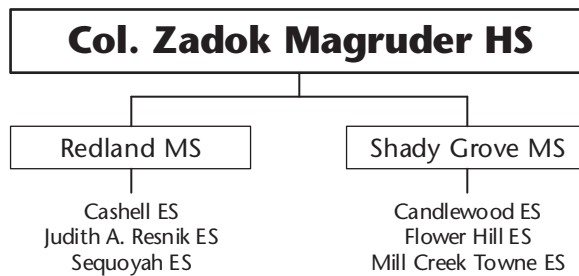
*Recommended—Project has a recommended FY 2024 appropriation in the Amended FY2023–2028 CIP for planning or construction funds.

*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.

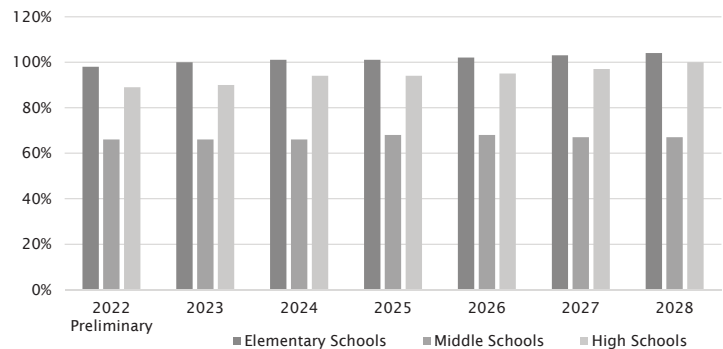
Magruder Cluster Articulation

2022–2023 School Year



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 Superintendent's Recommended FY 2024 Capital Budget and Amendments to the FY 2023–2028 Capital Improvements Program

Schools		Prelim.	Projections							
		22-23	23-24	24-25	25-26	26-27	27-28	28-29	2032	2037
Col. Zadok Magruder HS	Program Capacity	1885	1885	1885	1885	1885	1885	1885	1885	1885
	Enrollment	1677	1699	1778	1770	1785	1830	1878	1880	1880
	Available Space	208	186	107	115	100	55	7	5	5
	Comments			Plng. for Maj. Cap. Project						
Redland MS	Program Capacity	757	757	757	757	757	757	757	757	757
	Enrollment	571	572	579	602	599	578	577	580	580
	Available Space	186	185	178	155	158	179	180	177	177
	Comments									
Shady Grove MS	Program Capacity	846	846	846	846	846	846	846	846	846
	Enrollment	494	481	483	495	494	492	493	500	500
	Available Space	352	365	363	351	352	354	353	346	346
	Comments									
Candlewood ES	Program Capacity	521	521	521	521	521	521	521		
	Enrollment	368	365	375	377	382	389	386		
	Available Space	153	156	146	144	139	132	135		
	Comments									
Cashell ES	Program Capacity	341	341	341	341	341	341	341		
	Enrollment	336	337	355	351	357	361	362		
	Available Space	5	4	(14)	(10)	(16)	(20)	(21)		
	Comments									
Flower Hill ES	CSR	Program Capacity	511	511	511	511	511	511	511	
	Enrollment	466	460	454	463	460	450	471		
	Available Space	45	51	57	48	51	61	40		
	Comments									
Mill Creek Towne ES	CSR	Program Capacity	354	354	354	354	354	354	354	
	Enrollment	471	480	474	470	486	502	501		
	Available Space	(117)	(126)	(120)	(116)	(132)	(148)	(147)		
	Comments									
Judith A. Resnik ES	CSR	Program Capacity	526	526	526	526	526	526	526	
	Enrollment	580	586	587	584	572	590	582		
	Available Space	(54)	(60)	(61)	(58)	(46)	(64)	(56)		
	Comments									
Sequoyah ES	CSR	Program Capacity	450	450	450	450	450	450	450	
	Enrollment	433	472	484	487	492	497	496		
	Available Space	17	(22)	(34)	(37)	(42)	(47)	(46)		
	Comments									
Cluster Information	HS Utilization	89%	90%	94%	94%	95%	97%	100%	100%	100%
	HS Enrollment	1677	1699	1778	1770	1785	1830	1878	1880	1880
	MS Utilization	66%	66%	66%	68%	68%	67%	67%	67%	67%
	MS Enrollment	1065	1053	1062	1097	1093	1070	1070	1080	1080
	ES Utilization	98%	100%	101%	101%	102%	103%	104%		
ES Enrollment	2654	2700	2729	2732	2749	2789	2798			

COL. ZADOK MAGRUDER CLUSTER

Facility Characteristics of Schools 2022–2023

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		

*Relocatables on site to address overutilization



Candlewood Elementary School