

AGENDA ITEM EXECUTIVE SUMMARY: New School with Enrollment Cap Amendment Request

Request

Academy of Mathematics and Science, Inc.-Entity ID 79961 (“Charter Holder”) submitted an expansion amendment request to add a new school to the existing charter contract, and increase the enrollment cap from 650 to 2800, beginning in FY 2021. This enrollment cap accounts for three years of projected student enrollment.

See Appendix A: Amendment Request Materials and Support Materials

The Charter Holder is making this request in order to continue delivering “high performance in low-income and underperforming areas” and meet “the high demand exhibited” for its programs. This request has been filed concurrently with a second new school amendment request. Using online and in-person marketing campaigns, Academy of Math and Science Baseline’s expected enrollment target is 1100. The staffing plan includes utilizing internal candidates as administration at the new campus, and the need to hire 74.5 total staff members in the first year. The narrative states that recruiting channels will be done through employment websites, university job boards, social media, and career fairs, and that the Charter Holder’s strategy is to be “omnipresent” across every major platform that a teacher could use. At the proposed school, the Charter Holder intends to offer a 200-day calendar, partnership with parents, increased instructional time for students, and teaching habits of mind, character habits, and study skills.

Three Year Plan

	FY 2019	FY 2020	FY 2021	FY 2022
Grade Levels (Proposed School)	N/A	N/A	K-8	K-8
Enrollment (Proposed School)	N/A	N/A	1100	1098
Enrollment (Charter Holder)	561	600	2800	2796

Staff Recommendation

The Charter Holder has met the criteria to receive a staff recommendation for expansion.

Staff Recommendation Criteria	Analysis
In operation for three years.	The Charter Holder has been in operation for 18 years.
“Meets the Board’s Operational Performance Expectations” based on the dashboards for the most recent two prior years and the current year.	The Charter Holder Meets the Board’s Operational Performance Expectations.
“Meets the Board’s Financial Performance Expectations” based on the most recent dashboard.	The Charter Holder Meets the Board’s Financial Performance Expectations.
Each school operated by the Charter Holder: Performs at or above the average performance of a majority of schools within a five-mile radius of the school’s current. AND Performs at or above the average performance of a majority of schools within a five-mile radius of the proposed school’s location.	Academy of Math and Science Prince performs at or above the average performance of nearby schools in ELA and Math of the school’s current location. AND Academy of Math and Science Prince performs at or above the average performance of nearby schools in ELA and Math of the proposed school’s location. Information regarding nearby schools is provided on pages 2 and 3.

Past enrollment trends indicate the charter will exceed its enrollment cap within the next three years.	ADM in FY 2017 was 388.795, FY 2018 was 437.294, and FY 2019 was 513.636 (as of March 26, 2019). Based on this trend, the charter will exceed its enrollment cap in the next three years.
ADM is within 85% of current enrollment cap.	According to ADE School Finance, the Charter Holder currently has an ADM of 513.636. The Charter Holder is currently operating at 79% of its current enrollment cap of 650. However, when adjusted for Kindergarten, the Charter Holder's enrollment is 559.635. Based on this adjustment, the Charter Holder is currently operating at 86% of its current enrollment cap of 650.

Profile

The Charter Holder was granted a renewal charter in 2016.

Governance

Corporate Board Members	School Governing Body Members	Type
Olga Boytsova	Catherine Borinstein	Unknown
Tatyana Chayka	Kim Chayka	School Staff
Nicolas Cuevas-Gomez	Tatyana Chayka	Unknown
Valentin Kashtelyan	Maya Kashtelyan	School Staff
	Pat Klein	Community
	Bonnie Kohn	Community
	Sid Kohn	Community
	Jill Rich	Unknown

School Profile

School Name	Academy of Math and Science Prince		
Date Open	August 2002		
Location	Tucson		
Grades Served	K-8		
FY 18 Letter Grade	A		
	FY 16	FY 17	FY 18
ELA AzMERIT (41% ⁺)	62%	58%	63%
Math AzMERIT (41% ⁺)	71%	67%	76%
Science AIMS (52% ⁺)	93%	82%	84%

⁺FY 18 State Average Passing

Additional School Choices Serving Grades K-8 within 5 Miles of Academy of Math and Science Prince (Current Location)

Total Schools	FY 18 Letter Grade	Total Charter Schools	FY 18 State Assessment Data Greater than State Average			Subgroups within (±5%) of Charter Holder's Subgroup Data		
			ELA (>41%)	Math (>41%)	Science (>52%)	FRL (±5%)	ELL (±5%)	SPED (±5%)
12	A	8	12	11	12	1	4	5
13	B	2	9	11	8	2	7	2
17	C	2	1	0	3	4	3	0
5	D	3	1	0	0	0	2	0
2	F	1	1	0	0	1	0	0

Additional School Choices Serving Grades K-8 within 5 Miles of Academy of Math and Science Buckeye (Proposed Location)

Total Schools	FY 18 Letter Grade	Total Charter Schools	FY 18 State Assessment Data Greater than State Average		
			ELA (>41%)	Math (>41%)	Science (>52%)
4	A	2	4	4	4
7	B	1	3	3	4
21	C	2	0	0	3
7	D	0	0	0	0

Comparison of Nearby Schools to Academy of Math and Science Prince (Current Location)

Total Schools	FY 18 Letter Grade	Total Charter Schools	FY 18 State Assessment Data Greater than Academy of Math and Science Prince		
			AzMERIT ELA (>63%)	AzMERIT Math (>76%)	AIMS Science (>84%)
12	A	8	6	1	3
13	B	2	0	0	0
17	C	2	0	0	0
5	D	3	0	0	0
2	F	1	0	0	0
Total Number of Schools Performing Better than Academy of Math and Science Prince (Percentage of Total)					
49		16 (33%)	6 (12%)	1 (2%)	3 (6%)

Comparison of Nearby Schools Serving Grades K-8 to Academy of Math and Science Buckeye (Proposed Location)

Total Schools	FY 18 Letter Grade	Total Charter Schools	FY 18 State Assessment Data Greater than Academy of Math and Science Prince		
			AzMERIT ELA (>63%)	AzMERIT Math (>76%)	AIMS Science (>84%)
4	A	2	1	0	0
7	B	1	0	0	0
21	C	2	0	0	0
7	D	0	0	0	0
Total Number of Schools (Percentage of Total)					
39		5 (13%)	1 (3%)	0 (0%)	0 (0%)

Schools Associated with Academy of Math and Science Prince

Schools operated by the same charter holder but under different charter contracts									
Charter Holder Name	Academy of Mathematics and Science, Inc. (Entity ID 92768)			Academy of Mathematics and Science, Inc. (Entity ID 92768)			Academy of Mathematics and Science South, Inc. (Entity ID 90878)		
School Name	Academy of Mathematics and Science Camelback			Academy of Math and Science Desert Sky**			Academy of Math and Science Flower		
FY 2018 Letter Grade	C			N/A			B		
Overall Rating	Meets			N/A			Above Standard		
	FY 16	FY 17	FY 18	FY 16	FY 17	FY 18	FY 16	FY 17	FY 18
ELA AzMERIT (41% ⁺)	33%	29%	30%	N/A	N/A	N/A	29%	32%	32%
Math AzMERIT (41% ⁺)	27%	34%	31%	N/A	N/A	N/A	26%	26%	39%
Science AIMS (52% ⁺)	37%	33%	32%	N/A	N/A	N/A	38%	53%	55%

⁺FY 18 State Average Passing

** School opened in FY 19



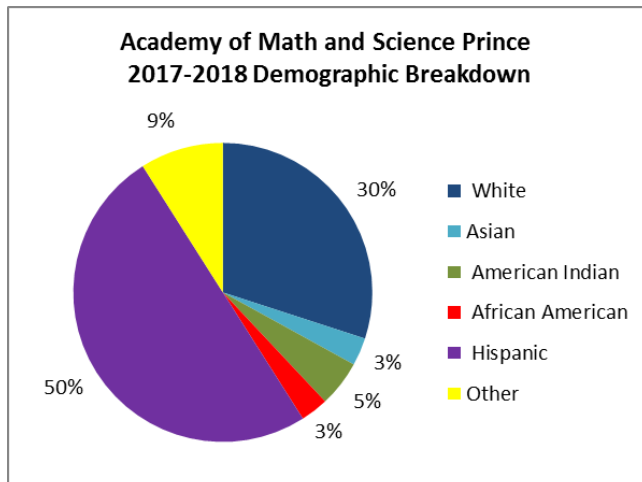
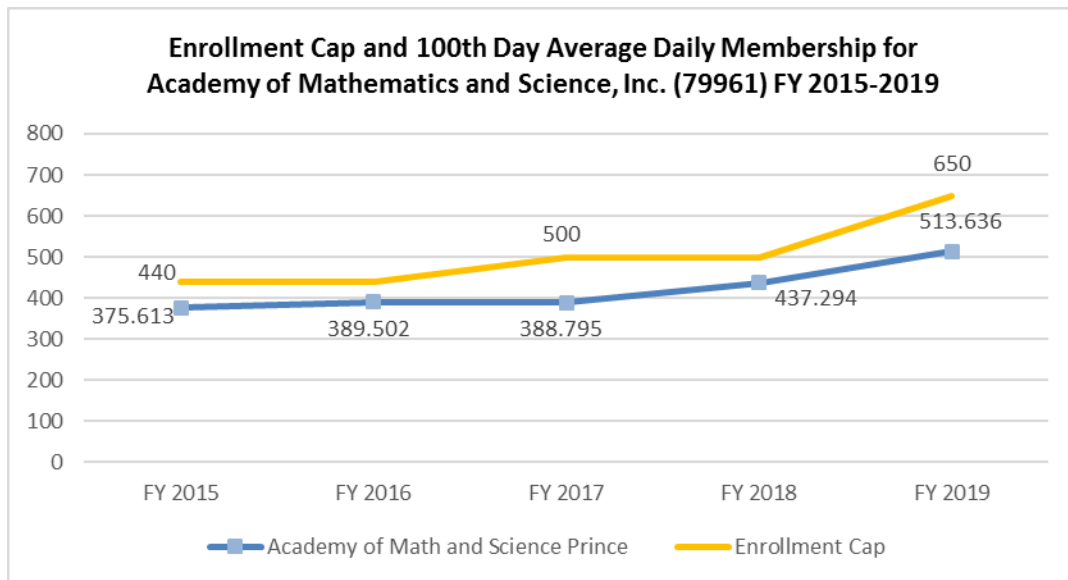
Schools operated by the same charter holder but under different charter contracts			
Charter Holder Name	Math and Science Success Academy, Inc. (Entity ID 89852)		
School Name	Math and Science Success Academy		
FY 2018 Letter Grade	A		
Overall Rating	Exceeds Standard		
	FY 16	FY 17	FY 18
ELA AzMERIT (41% ⁺)	47%	50%	47%
Math AzMERIT (41% ⁺)	50%	49%	51%
Science AIMS (52% ⁺)	64%	71%	73%

**FY 18 State Average Passing*

Additionally, Math and Science Success Academy, Inc. is approved to open two new schools in FY 2020, Academy of Math and Science Glendale, and Academy of Math and Science Peoria Advanced.

Enrollment and Demographic Data

100th Day Average Daily Membership for FY 2015–FY 2019.



2017-2018 Subgroup Data	
Free and Reduced Lunch	74%
English Language Learners	3%
Special Education	5%

