



Board Academic Update September 2020



Overview

- AP exams - 2019 to 2020
- Map Testing - Winter 2020 to Fall 2020

AP Exams

- AP course is required to graduate, taking exam is suggested but optional
- Modified Testing Process in 2020 (online, shortened, many tech issues)
- Students participated in 11 exams
- 6 of 11 had an average score above state and global averages
 - Art, Calc BC, Env. Sci, Research, Seminar, World History,
- 5 of 11 had an average score below state and global averages
 - CS Principles, Lang, Lit, Phys 1, US History
- 2019 --> 2020
 - 7 --> 11 courses
 - 2.5 --> 3.0 average score
 - 49% --> 65% pass rate

Organization Summary (Total Students: 122)
2020

	2D Art Dsgn	Calc BC	Comp Sci Prin	Eng Lang Comp	Eng Lit Comp	Env Sci	Phys 1	Res	Sem	US Hist	Worl Hist Mod	Total Exams
Number of Exams	7	19	8	29	22	22	15	14	27	17	25	205
Average Score	3.7	4.4	2.4	2.7	2.8	2.8	2.1	3.3	3.5	2.4	2.9	3.0
Percent of Exams with Scores of 3 or Higher	86%	95%	38%	55%	59%	55%	33%	71%	93%	47%	68%	65%

Organization Summary (Total Students: 108)
2019

	Comp Sci Prin	Eng Lang Comp	Env Sci	Phys 1	Sem	US Hist	Worl Hist Mod	Total Exams
Number of Exams	19	30	25	18	21	40	36	189
Average Score	2.8	2.6	2.3	2.4	3.2	2.3	2.3	2.5
Percent of Exams with Scores of 3 or Higher	63%	47%	28%	56%	90%	40%	42%	49%

Scholar Summary (Total Scholars: 37; Average Score: 3.43)**2020**

	AP Scholar	AP Scholar with Honor	AP Scholar with Distinction	National AP Scholar	AP Capstone Diploma	AP Seminar and Research Certificate
Number of Scholars	22	6	8	2	6	4
Average Score	2.95	3.44	3.94	4.38	3.69	2.78

Scholar Summary (Total Scholars: 16; Average Score: 3.33)**2019**

	AP Scholar	AP Scholar with Honor	AP Scholar with Distinction
Number of Scholars	11	2	3
Average Score	2.98	3.43	4.00

AP Scholar and Capstone Summary

2019 → 2020

- AP Scholars 16 → 37
- Avg score: 3.33 → 3.43

AP Capstone 2020

- Capstone Diplomas: 6 (pass Sem, Research, and 4 other tests)
- Sem and Research Certificates: 4 (pass Sem and Research)

AP Demographic Summary (2020)

Subgroup	Average score	Avg # exams taken	% of AP exam takers	% of upper school
Asian	3.0	1.5	11%	7%
Black or AA	2.2	1.5	12%	18%
Latino	2.5	1.6	20%	34%
Two or More Races	2.9	2.0	21%	16%
White	3.3	1.7	35%	25%

Who takes AP exams?

Who passes AP exams?

AP Demographic Summary (2020)

Subgroup	Average score	Avg # exams taken	% of AP exam takers	% of upper school
All AP exam takers	2.9	1.7	100% (122 students)	49%
FRL	2.6	1.4	29% (36)	43%
IEP	1.6	1.0	6% (7)	16%
EL	2.8	2.5	2% (2)	7%

Who takes AP exams?

Who passes AP exams?

Fall 2020 MAP testing

- Remote Testing in Advisory Groups
- Shorter test (20 questions vs 40-50)
- Grades 6-12
- Used to inform RTI groupings and targeted supports
- Remote testing attendance is lower than in person (missing about 11% students this fall, usually missing about 3-5%)
- Underserved populations more likely to not have valid test result in remote setting (as of 9/21) (20-30% missing)

MAP Achievement Norms

2020 Reading Student Achievement Norms						
Grade	Fall		Winter		Spring	
	Mean	SD	Mean	SD	Mean	SD
K	136.65	12.22	146.28	11.78	153.09	12.06
1	155.93	12.66	165.85	13.21	171.40	14.19
2	172.35	15.19	181.20	15.05	185.57	15.49
3	186.62	16.65	193.90	16.14	197.12	16.27
4	196.67	16.78	202.50	16.25	204.83	16.31
5	201.16	16.36	209.12	15.88	216.36	16.37
6	210.17	16.46	213.81	15.98	215.36	16.03
7	214.20	16.51	217.09	16.21	218.36	16.38
8	218.01	17.04	220.52	16.69	221.66	16.87
9	218.90	19.02	220.52	18.73	221.40	19.03
10	221.47	17.92	222.91	17.81	223.51	18.20
11	223.53	17.73	224.64	17.80	224.71	18.50
12	223.80	19.32	223.85	21.21	224.33	23.08

2020 Mathematics Student Achievement Norms						
Grade	Fall		Winter		Spring	
	Mean	SD	Mean	SD	Mean	SD
K	139.56	12.45	150.13	11.94	157.11	12.03
1	160.05	12.43	170.18	12.59	176.40	13.18
2	175.04	12.98	184.07	13.01	189.42	13.44
3	188.48	13.45	196.23	13.64	201.08	14.11
4	199.55	14.40	206.05	14.90	210.51	15.56
5	209.15	15.15	214.76	15.88	218.75	16.76
6	214.75	16.12	219.56	16.74	222.88	17.47
7	220.21	17.41	224.04	17.96	226.73	18.60
8	224.92	18.94	228.12	19.33	230.30	19.95
9	226.43	19.83	228.67	20.06	230.03	20.63
10	229.07	20.23	231.21	20.61	232.42	21.25
11	231.72	20.61	233.49	20.91	234.25	21.65
12	233.02	21.60	233.31	23.07	234.19	24.63

Fall 2020 MAP testing

	Winter 2020		Fall 2020	
	Reading	Math	Reading	Math
2027	//	//	212	209
2026	213	214	217	217
2025	221	228	225	228
2024	222	229	222	230
2023	217	231	226*	236*
2022	226	234	225	234
2021	229	249	221*	239*

Fall 2020 MAP testing subgroups

	Winter 2020		Fall 2020	
	Reading	Math	Reading	Math
Whole School (571)	220	229	220	225
FRL (168)	214	221	217*	222*
IEP (45)	209	214	212*	215*
EL (27)	203	207	197*	205*

Fall 2020 MAP testing subgroups

	Winter 2020		Fall 2020	
	Reading	Math	Reading	Math
Whole School (571)	220	229	220	225
Black or AA (133)	209	217	213	214
Latino (211)	216	224	215	220
2 or more (62)	225	237	224	233
White (123)	231	241	233	239

MAP Data → RTI Groupings

- Targeted students 2 grade levels or more below proficiency
- Correlated to Achieve 3000 Lexile and ALEKS Knowledge and Thinking Test
 - Class of 2027 - 28 (Math), 35 (Literacy)
 - Class of 2026 - 25 (Math), 31 (Literacy)
 - Class of 2025 - 13 (Math)