

MEMORANDUM

September 15, 2015

TO: Board Members
Collier County Public Schools

FROM: Dr. Kamela Patton, Superintendent *K. Patton*
Collier County Public Schools

SUBJECT: 2014-2015 Advanced Placement (AP) Test Results

The AP program provides students an opportunity to study subject area content in greater depth through complete college-level courses and gain college-level credits while still in high school. The AP examinations are a blend of multiple-choice questions and a free-response (essay or problem solving) section, designed to measure the full range and depth of knowledge in each subject area.

Many colleges and universities use AP results as evidence of students' abilities and achievement when deciding whether or not to grant college credit for engaging in AP coursework. Over 1,400 institutions of higher education in the United States grant a full year of credit to students who earn satisfactory scores (3 or higher) on AP exams, where "5" is the highest score and "1" is the lowest.

Some highlights of our AP program include the following:

- Table 1a shows that a total of 2,664 students took 4,699 Advanced Placement (AP) exams, compared to 2,666 students taking 4,420 exams last year. The number of exams taken by students increased substantially. Table 1a also shows that when compared to last year the percent scoring 3 or above increased while the main score remained the same.
- Table 1b shows the distribution of AP exams in FY15. For exams with more than 25 students, Spanish Language had the highest percent of students scoring at 3 or higher with 91%, followed by Studio Art: 2-D Design Portfolio and Biology at 76% and 75%, respectively.
- Table 1c shows that Lorenzo Walker Technical High School had the highest mean scores and percent 3 or higher while Barron Collier High School had the highest number of test takers.

In closing, we appreciate the efforts of dedicated teachers, staff, and our strong community partners. We are grateful for everyone's collective work in preparing our students to be College and Career Ready. Making sure our students receive a high-quality, relevant education remains our steadfast focus.

Attachments

cc: Superintendent's Cabinet
All Principals

Table 1a
District Advanced Placement Results
By Year of 3 Percent or Above, Mean Scores

YEAR	#Test-takers	Total # of Exams	# of Exams 3 or above	# of Exams 3% or above	Mean Score
14	2666	4420	2190	50%	2.6
15	2664	4699	2419	52%	2.6

Table 1b
FY15 District Advanced Placement # Scoring at Each Level
Total % 3 or Above and Mean Scores by Each Exam

AP Subjects	# Scoring at Each Level					# of Exams 3 or Higher	% of Exams 3 or Higher	Total Exam	Mean Score
	1	2	3	4	5				
Art History	3	2	4	1	--	5	50%	10	2.3
Biology	1	43	74	54	4	132	75%	176	3.1
Calculus AB	65	23	32	34	26	92	51%	180	2.6
Calculus BC	8	1	4	4	12	20	69%	29	3.4
Chemistry	32	39	31	9	1	41	37%	112	2.1
Comp. Gov. Policy	--	--	--	1	--	1	100%	1	4.
Computer Science A	19	3	6	5	3	14	39%	36	2.2
English Language and Composition	36	110	101	78	16	195	57%	341	2.8
English Literature and Composition	74	139	115	58	17	190	47%	403	2.5
Environmental Science	110	103	62	83	24	169	44%	382	2.5
European History	19	5	17	3	2	22	48%	46	2.2
French Language and Culture	4	14	9	3	2	14	44%	32	2.5
German Language and Culture	--	--	2	1	2	5	100%	5	4.0
Human Geography	141	74	87	82	34	203	49%	418	2.5
Italian Language and Culture	--	--	--	--	2	2	100%	2	5.0
Macroeconomics	111	41	21	21	3	45	23%	197	1.8
Microeconomics	6	3	2	2	--	4	31%	13	2.0
Music Theory	1	--	2	1	--	3	75%	4	2.75
Physics 1	108	59	38	11	1	50	23%	217	1.8
Psychology	124	69	96	136	83	315	62%	508	3.0
Spanish Language	8	26	85	136	110	331	91%	365	3.9
Spanish Literature and Culture	--	6	6	5	--	11	65%	17	2.9
Statistics	56	59	45	19	9	73	39%	188	2.3
Studio Art: 2-D Design Portfolio	2	15	31	22	2	55	76%	72	3.1
Studio Art: 3-D Design Portfolio	--	2	5	--	--	5	71%	7	2.7
Studio Art: Drawing Portfolio	1	3	8	3	2	13	76%	17	3.1
United States Government and Politics	108	86	81	15	4	100	34%	294	2.1
United States History	57	80	73	28	10	111	45%	248	2.4
World History	47	134	136	51	11	198	52%	379	2.6
Total	1141	1139	1173	866	380	2419	52%	4699	2.6

Notes: Many students took more than one AP exam. A total of 2,666 students took 4,420 AP exams.
 ** 2,190 or 50% received a 3 or higher on at least 1 AP exam.

Table 1c
FY15 Advanced Placement Results by School
Total % 3 or Above and Mean Scores by Each School

School	# Scoring at Each Level					Total # of Exams	# of Exams 3 or Higher	% of Exams 3 or Higher	Mean Score	# of Total Seniors	# of AP Students	Challenge Index
	1	2	3	4	5							
BCH	401	334	269	207	84	1295	560	43%	2.41	391	953	3.31
GCH	148	251	356	282	142	1179	780	66%	3.02	438	938	2.69
GGH	85	40	42	40	18	225	100	44%	2.4	312	210	.72
EVG	--	1	1	1	--	3	2	67%	3.0	8	3	.38
IHS	153	96	59	19	12	339	90	27%	1.94	226	290	1.50
LHS	81	101	99	52	21	354	172	49%	2.52	304	304	1.16
LWH	--	4	21	23	20	68	64	94%	3.87	114	68	.60
NHS	154	144	177	171	51	697	399	57%	2.74	348	571	2.0
PRH	118	168	149	70	32	537	251	47%	2.5	391	433	1.37

**Challenge Index -- total # of exams divided by the total # of seniors