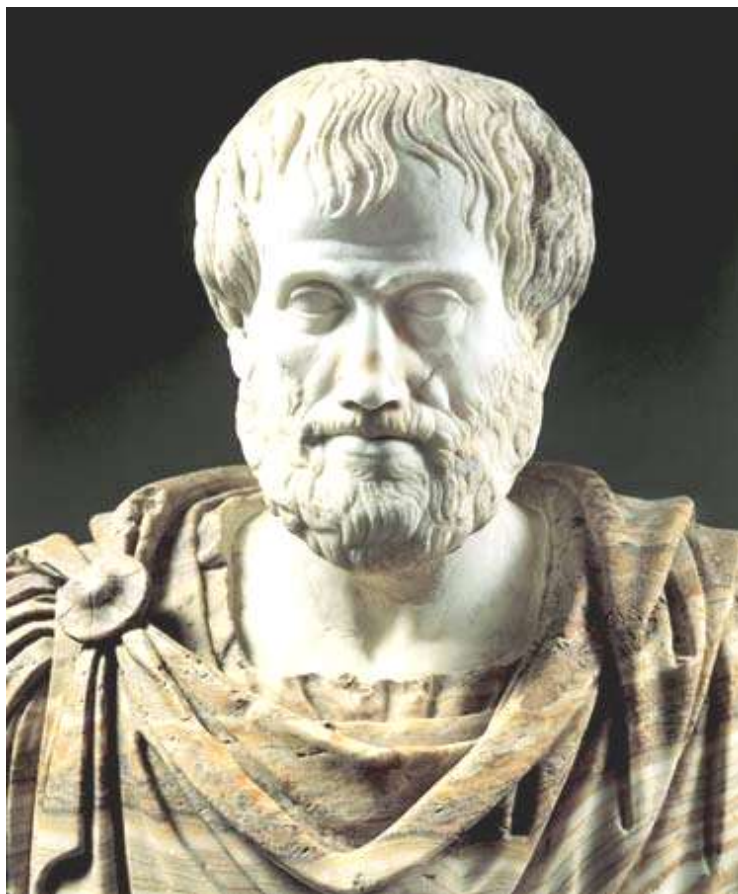


2010 Accelerated Program Report



“We are what we repeatedly do. Excellence, therefore, is not an act but a habit.”
~ Aristotle

Brevard Public Schools
Brian T. Binggeli, Superintendent

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Educational Services Facility
2700 Judge Fran Jamieson Way
Viera, Florida 32940-6699

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INTRODUCTION

Brevard Public Schools offer several options for acceleration and post-secondary credit: the Advanced Placement (AP) Program, Dual Enrollment, the International Baccalaureate (IB) Program, and the Cambridge Advanced International Certificate of Education (AICE) Program. Most colleges and universities in the United States as well as many post secondary schools throughout the world recognize AP, AICE, and IB exam results and award college credit or placement into higher-level college courses based upon students' success in these curricula. All Florida state colleges and universities award credit by examination equivalencies. The 2010 district test results for AP, IB and AICE are included in this report.

Advanced Placement (AP) is the enrollment of an eligible secondary student in courses offered by the Advanced Placement Program administered by the College Board. Course descriptions and course examinations are prepared by the College Board. The examinations are administered at high school sites in May of each year. Students who successfully complete the course work in an AP class receive high school credit. Postsecondary credit for an AP course may be awarded to a student who scores a minimum of 3 on a 5-point scale on the corresponding AP exam. More than 90% of four-year colleges in the United States and colleges in more than 60 other countries give students credit, advanced placement, or both on the basis of AP Exam scores. All of our high schools offer the Advanced Placement (AP) Program, a series of college-level courses and examinations for secondary school students. The scores in this report reflect only those students that were enrolled in Advanced Placement courses in Brevard Public Schools.

The International Baccalaureate (IB) Program is an internationally recognized accelerated program in which students may earn college and university credits. The IB program is based in Geneva, Switzerland, serving students in 3041 schools in 139 countries. During the past year, IB students at both Cocoa Beach High School and Melbourne High School earned credit through diplomas and through success on examinations.

The Advanced International Certificate of Education (AICE) Program is part of the University of Cambridge, in Cambridge, England and operates in 157 countries around the world. Students who are successful on their Cambridge examinations and students who earn AICE diplomas may earn post-secondary credit while still in high school. During the past year, AICE Students at both Eau Gallie High School and Rockledge High School earned credit through diplomas and through success on examinations.

ADVANCED PLACEMENT

Thirty different AP courses were offered in Brevard's sixteen public high schools in 2009-10. The number of students taking these courses has increased, from 2,045 in 2004 to 3,114 in 2010. The number of tests taken has also increased, from 3,325 in 2004 to 5,457 in 2010. Minority participation has increased in the past five years, from 425 candidates taking 735 tests in 2006 to 621 candidates taking 1,102 tests in 2010. As part of Brevard Public Schools' Secondary Schools of National Prominence initiative, AP is included as one of the rigorous course requirement options.

The AP students in Brevard Public Schools have achieved outstanding results in their coursework and exams during the 2009-10 academic year. The overall results of the Advanced Placement Test show that the percentage of Brevard students scoring 3 or higher is greater than the Florida state percentage and Global percentage. Brevard students outscored or equaled students in Florida and the world in 18 out of 30 subject area tests. The percentage of total tests scoring 3 or higher in Brevard was 62.1%. That is higher than the State percentage at 43.5%, and higher than the Global percentage of 57.9%.

Students and their families benefit from enrollment and success in Advanced Placement courses in many important ways. They may earn credit, advanced standing, or both, for college. They may earn scholarships, save money on college tuition, and even graduate early from college. Their success in advanced placement programs gives the students access to public and private universities as well as community colleges. AP courses are rigorous, challenging, and in-depth. The Advanced Placement program strengthens the link between high school and post high school education and encourages student achievement.

EXECUTIVE SUMMARY 2010

The Brevard Public Schools Accelerated Programs Report 2010 indicates positive performance in both the number of AP tests administered and in the percent of scores of 3 or above. The overall results are positive; however, specific areas of concern do exist. This executive summary succinctly illustrates the many strengths of the district, the areas of concern that must be addressed, and recommendations for further improvement.

Strengths

- The number of students participating in AP courses has increased from 2,045 in 2004 to 3,114 in 2010, an increase of 52.3%. Participation in AP has also increased as a percentage of total 9-12 student population, from 11.3% in 2003 to 14.9% in 2010.
- A strong policy of open enrollment coupled with appropriate advising and counseling have maintained an appropriate balance between equity and access.
- The number of AP exams has increased from 3,325 in 2004 to 5,457 in 2010, an increase of 64.1%.
- The number of test takers scoring 3 or higher on AP exams has increased from 2,089 in 2004 to 3,391 in 2010, an increase of 62.3%.
- The percentage of total tests scoring 3 or higher in Brevard was 62.1%. That is higher than the State percentage of 43.5% and the Global of 57.9%.
- Supplemental FTE earned from scores of 3 or better in 2010 has generated approximately 542.56 student units for the district.
- Even though Brevard students are required to participate in the assessment program if enrolled in the AP course, test results for specific courses compare extremely well with the state and global percentage of students scoring 3 or higher.

Areas of Concern

- Student and/or faculty recruitment is a concern. Some courses have a high percentage of students scoring a 1 on the exam district-wide, indicating that the student population may require additional academic counseling or the faculty selection may need to be reviewed (Biology – 42.3%; Chemistry – 27.0%; Economics: Macro – 33.6%; Economics: Micro – 30.8%; Human Geography – 40.0%; and World History – 28.0%).
- Teacher training for specific courses needs to be evaluated as indicated by courses with 10 or more students and a percentage of students scoring 3 or higher which is less than the district and/or state percentage.

Recommendations

The Brevard County Public School district strives to provide the best possible accelerated program through the Advanced Placement Program. Appropriate training for Advanced Placement teachers is offered through professional institutes, workshops, discussion groups, and teacher visits to successful programs.


- Provide appropriate advisement and counseling concerning enrollment in an AP course to ensure the program's success. **However, the final decision on AP course enrollment belongs to the parent and student.**
- Focus on the identification of Black students in order to decrease the equity gap that now exists.
- Review and revise, when appropriate, the existing AP curriculum to align with the current College Board AP course descriptions, suggested syllabi, and testing criteria.
- Review teacher selection for courses where student performance is extremely low compared to the district.
- Evaluate minority enrollments in Level 3 academic courses in grades 9 and 10 to increase AP readiness and success.
- Implement Vertical Teams, Building Success and AVID strategies to begin preparation for AP at the middle school and early high school levels.
- Require teacher in-service training in specific courses where percentage scoring 3 or higher is below district-wide performance.
- Establish discussion groups or planning teams for teachers in the district teaching the same AP course.
- Utilize the *AP Report* and *AP Policies and Procedures* to identify strengths and weaknesses in the AP classroom instruction.
- Make use of valuable College Board resources provided on www.collegeboard.com. AP Central provides course descriptions for all subject areas, teacher's guides, sample syllabi, and released exams.
- Solicit teachers to become involved in the AP examination reading process to gain insight regarding the exam grading process.
- Encourage teachers and students to confer prior to the end of the first semester and prior to the ordering of the AP exams so that students who have not successfully completed the course requirements or who are not adequately prepared have an opportunity for reflection and possible reclassification to honor status. Parents and administrators should be involved in cases that require additional consideration. The final decision to enroll and remain in AP courses rests with parents and students.
- Train counselors and teachers to utilize assessment data to recommend individual AP course selection(s) based upon data from the PLAN as available.
- Implement school improvement plans to address the following:
 - a. areas of achievement below state averages
 - b. increased enrollment of underrepresented populations
 - c. increased overall enrollment in AP courses
 - d. utilization of teacher training and other strategies to improve results in specific courses


**School's Percentage of Scores 3 or Higher by Subject as Compared to State Percentage
2010**

Subject	Astronaut	Bayside	Cocoa	Cocoa Beach	Eau Gallie	Edgewood	Melbourne	Merritt Island	Palm Bay	Rockledge	Satellite	Space Coast	Titusville	Viera	West Shore
Biology	L	H					H	H	H			L	H	H	H
Calculus AB	L	H			H	H	H	H	H	L	L	L	H	H	H
Calculus BC	L						H		H					H	
Chemistry		H		L		L		L	H			L	H	H	H
Computer Science A						H									
Economics Macro				H		H		H	L						
Economics Micro		L				H		H	L					H	
English Language		H	L	H		H	H	H	H		H	H	H	H	H
English Literature	H	H	L	H		H	H	H	H		H	H	H	H	H
Environmental Science								H			H				H
European History		H				H	H	H	H		L		H		
French Language															
German Language															
Govt & Politics: Com															
Govt & Politics: US		H	L	H	H	H	H	H	H		H		H	H	H
Human Geography			L			H		H							
Latin: Vergil															
Music Theory					H		L				H	L	H	H	
Physics B		H	L			H									H
Physics C: Elec & Mag						L		H							H
Physics C: Mechanics					L	L		H							H
Psychology	H	H	L			H	L	H	H		H	L			H
Spanish Language							L	L						H	L
Spanish Literature															
Statistics	H	H		H		H	H	L	H		H			H	H
Studio Art: Drawing															
Studio Art: 2-D								H							H
Studio Art: 3-D							H								
US History		H	L	H		H	H	H	L		H	L	H	H	H
World History			L					H			H				H

H = school's percent of 3+ is higher than the state's percentage of 3+

L = school's percent of 3+ is less than the state's percentage of 3+

 = fewer than 10 students taking subject

 = no enrollment in the subject

- In 75.3% of the 158 courses with 10 or more students enrolled, the percentage of Brevard students scoring 3 or higher exceeded the state percentage.
- 19.8% of the courses offered have fewer than 10 students enrolled.
- 11 of 15 schools have the majority of their courses above the state averages.

**Access/Participation in AP Program
Brevard Public Schools**

Increased access/participation in the AP program continues to be a district priority in Brevard Public Schools. The *Secondary Schools of National Prominence* initiative focuses on rigorous course requirements. In addition, participation in AP courses is important for college admission in the Florida State University System. Data also indicates that students who take two or more Advanced Placement classes are twice as likely to graduate from college in four years or less. (U. S. Department of Education)

The chart below indicates Brevard high schools' progress toward increasing AP participation.

AP Participation

	% 9-12 school enrollment taking AP Tests 2009	% 9-12 school enrollment taking AP Tests 2010	Change in % 9-12 school enrollment taking AP Tests
Astronaut	11.1	11.4	+0.3
Bayside	10.4	10.3	-0.1
Cocoa	20.0	20.0	--
Cocoa Beach	19.6	20.6	+1.0
Eau Gallie	4.3	3.6	-0.7
Edgewood	50.4	41.4	-9.0
Melbourne	13.6	15.9	+2.3
Merritt Island	17.3	20.3	+3.0
Palm Bay High	9.4	13.9	+4.5
Rockledge	1.9	1.8	-0.1
Satellite	21.8	21.1	-0.7
Space Coast	8.1	9.8	+1.7
Titusville	12.2	10.1	-2.1
Viera	24.5	20.8	-3.7
West Shore	47.3	48.8	+1.5

Overall, BPS high schools have added three AP courses during the last school year.

AP Course Offerings

	# AP courses offered 2009	# AP courses offered in 2010	Change
Astronaut	9	8	-1
Bayside	13	12	-1
Cocoa	12	11	-1
Cocoa Beach	12	11	-1
Eau Gallie	7	4	-3
Edgewood	19	21	+2
Melbourne	17	18	+1
Merritt Island	19	23	+4
Palm Bay High	14	15	+1
Rockledge	2	2	--
Satellite	16	16	--
Space Coast	10	12	+2
Titusville	10	9	-1
Viera	15	14	-1
West Shore	19	21	+2

Below is each school's total number of tests and performance on the AP exam.

Number of AP Tests and AP Performance

	Number of Tests	Percent 3 and Above
Astronaut	198	47.0%
Bayside	351	60.7%
Cocoa	256	14.8%
Cocoa Beach	326	71.5%
Eau Gallie	68	63.2%
Edgewood	398	71.1%
Melbourne	460	61.3%
Merritt Island	569	62.7%
Palm Bay High	525	61.1%
Rockledge	21	38.1%
Satellite	443	62.8%
Space Coast	188	45.7%
Titusville	251	67.3%
Viera	771	70.8%
West Shore	629	70.1%

**DISTRICT TEST
RESULTS
2010**

**District Test Results
2010**

Three thousand, one hundred fourteen students took 5,457 Advanced Placement tests in Brevard in May of 2010, representing 14.9% of total 9-12 student enrollment. Scores of 3 or better were reported on 3,391 tests, representing 62.1% of the tests taken, resulting in approximately 542.56 additional FTE units for the district. Funds are used to provide teacher allocations, tests, supplies for AP classes, teacher bonuses and additional training for AP teachers.

3,114 STUDENTS, 14.9% OF TOTAL 9-12 ENROLLMENT								
Test Name	Number Tested	Number at Each Score					Number 3 or Above	Percent 3 or Above
		1	2	3	4	5		
Biology	222	94	29	33	33	33	99	44.6%
Calculus AB	338	65	40	82	70	81	233	68.9%
Calculus BC	88	9	3	26	13	37	76	86.4%
Chemistry	211	57	43	57	36	18	111	52.6%
Computer Science A	15	3	0	4	4	4	12	80.0%
Macro Economics	119	40	27	13	30	9	52	43.7%
Micro Economics	214	66	64	40	32	12	84	39.3%
English Lang Comp	747	48	169	276	181	73	530	71.0%
English Lit Comp	546	17	158	207	117	47	371	67.9%
Environmental Science	97	21	18	21	27	10	58	59.8%
European History	122	23	16	55	21	7	83	68.0%
French Language	14	4	2	7	1	0	8	57.1%
German Language	4	1	2	0	0	1	1	25.0%
Govt & Politics: Comp	2	0	0	0	0	2	2	100%
Govt & Politics: US	468	52	106	159	74	77	310	66.2%
Human Geography	125	50	20	34	15	6	55	44.0%
Latin Vergil	5	0	0	3	1	1	5	100%
Music Theory	71	5	17	13	20	16	49	69.0%
Physics B	53	9	11	13	9	11	33	62.3%
Physics C: Elec/Mag	42	8	4	8	11	11	30	71.4%
Physics C: Mechanics	78	12	18	17	14	17	48	61.5%
Psychology	507	96	92	97	135	87	319	62.9%
Spanish Language	88	14	18	18	20	18	56	63.6%
Spanish Literature	5	2	2	0	1	0	1	20.0%
Statistics	419	65	65	124	113	52	289	69.0%
Studio Art: Drawing	19	0	2	13	4	0	17	89.5%
Studio Art: 2D	51	1	7	17	19	7	43	84.3%
Studio Art: 3D	11	0	4	5	2	0	7	63.6%
US History	644	96	193	187	103	65	355	55.1%
World History	132	37	41	29	19	6	54	40.9%
TOTALS	5,457	895	1,171	1,558	1,125	708	3,391	62.1%
PERCENTAGES		16.4	21.5	28.6	20.6	13.0		

**District Test Results
2004 - 2010**

There has been a 52.3% increase in the number of students participating in the AP program from 2004 with a 64.1% increase in the number of AP exams taken. The number of exams scoring 3 or higher in 2010 was 3,391, an increase of 62.3% from 2004. The percentage of exams scoring 3 or better has increased 3.7% from last year. The number of exams scoring 3 or higher in 2010 has increased 3.7% from last year.

	2004	2005	2006	2007	2008	2009	2010
Number of Tests	3,325	3,586	4,127	4,240	5,175	5,601	5,457
Number of Students	2,045	2,145	2,430	2,591	2,945	3,168	3,114
Number of Scores 3 or Better	2,089	2,212	2,580	2,462	2,865	3,269	3,391
% of Tests Scoring 3 or Better	62.8	61.7	62.5	58.1	55.4	58.4	62.1

**District, State & Global Test Results: Percent of Scores 3 or Better by Subject
2010**

In 2010, Brevard exceeded the state and global percentage of 3 or better in the following subjects with 15 or more students: Calculus AB, Calculus BC, Computer Science A, English Language, English Literature, Environmental Science, European History, Government & Politics: US, Music Theory, Physics B, Physics C: Electricity & Magnetism, Statistics, Studio Art: Drawing, Studio Art: 2D, and US History.

Subject	District # of Tests	District %	State %	Global %
Biology	222	44.6	32.2	49.2
Calculus AB	338	68.9	46.9	55.7
Calculus BC	88	86.4	77.0	82.8
Chemistry	211	52.6	35.8	55.0
Computer Science A	15	80.0	45.3	65.0
Economics Macro	119	43.7	34.3	55.3
Economics Micro	214	39.3	35.9	63.8
English Language	747	71.0	51.7	60.8
English Literature	546	67.9	47.5	57.4
Environmental Science	97	59.8	38.6	50.0
European History	122	68.0	52.0	65.6
French Language	14	57.1	44.8	55.2
German Language	4	25.0	60.1	67.9
Government & Politics: Comparative	2	100	33.6	59.6
Government & Politics: US	468	66.2	33.6	51.3
Human Geography	125	44.0	32.8	46.9
Latin Vergil	5	100	48.6	63.1
Music Theory	71	69.0	42.2	60.6
Physics B	53	62.3	44.4	59.4
Physics C: Electricity & Magnetism	42	71.4	52.2	70.3
Physics C: Mechanics	78	61.5	56.9	72.9
Psychology	507	62.9	52.8	66.2
Spanish Language	88	63.6	77.9	71.8
Spanish Literature	5	20.0	70.8	60.7
Statistics	419	69.0	42.7	58.7
Studio Art: Drawing	19	89.5	67.8	72.6
Studio Art: 2-D	51	84.3	72.6	70.4
Studio Art: 3-D	11	63.6	53.2	62.3
US History	644	55.1	36.4	52.6
World History	132	40.9	32.3	49.1
Total Exams	5,457	62.1	43.5	57.9

District, State & Global Test Results: Percent of Scores 3 or Better by Subject

The chart below shows the Brevard, state, and global percent of exams by subject with scores 3 or better over the last five years. The District's strongest subjects have been Calculus, English, Music, Spanish Language, Statistics, Art, and US History. Areas of improvement this year are Biology, Computer Sci A, Economics, European History, Govt & Politics, and Statistics. Areas of decline this year are Environmental Science, Human Geography, Physics B, Psychology, and Spanish Language.

Subject	2006			2007			2008			2009			2010		
	District	State	Global	District	State	Global	District	State	Global	District	State	Global	District	State	Global
Biology	53.2	45.6	61.1	46.1	45.4	60.8	42.5	32.3	50.3	38.0	32.7	50.8	44.6	32.2	49.2
Calculus AB	73.9	54.4	61.3	71.7	52.8	58.8	70.5	54.0	61.1	63.9	52.9	59.5	68.9	46.9	55.7
Calculus BC	81.1	75.1	81.3	79.0	74.7	80.1	86.5	76.1	80.3	71.7	74.5	80.0	86.4	77.0	82.8
Chemistry	64.9	42.2	57.8	45.7	37.9	56.2	51.4	39.8	55.9	47.7	39.4	56.1	52.6	35.8	55.0
Computer Sci A	36.4	45.0	58.5	--	41.5	56.6	37.5	40.4	57.3	64.3	48.0	62.1	80.0	45.3	65.0
Economics Macro	42.9	31.3	53.6	26.5	33.3	55.0	21.8	30.4	52.7	37.6	35.5	56.7	43.7	34.3	55.3
Economics Micro	60.7	38.5	63.2	59.3	36.0	64.6	29.7	32.5	63.2	25.7	37.6	65.0	39.3	35.9	63.8
English Language	60.4	44.5	50.9	66.3	52.5	58.8	62.9	50.8	58.2	69.2	51.6	59.7	71.0	51.7	60.8
English Literature	71.8	51.7	62.1	67.8	51.9	61.1	67.5	51.0	60.4	65.4	49.2	58.6	67.9	47.5	57.4
Environmental Science	50.0	35.8	50.5	49.0	38.7	51.8	66.7	40.9	53.7	65.2	37.3	50.0	59.8	38.6	50.0
European History	77.2	56.9	69.1	56.6	52.2	65.9	56.8	47.2	61.2	51.8	52.7	67.0	68.0	52.0	65.6
French Language	22.7	51.8	55.3	57.1	54.8	60.1	0	49.4	58.4	50.0	47.0	55.5	57.1	44.8	55.2
German Language	33.3	54.5	68.6	100	58.7	67.3	8.3	57.9	68.8	50.0	63.3	68.9	25.0	60.1	67.9
Govt & Politics: Comp	38.5	25.2	53.3	52.9	45.0	58.6	67.9	41.6	60.9	86.7	39.1	62.0	100	33.6	59.6
Govt & Politics: US	57.5	37.8	54.8	42.6	35.1	51.8	39.0	34.4	50.5	55.2	37.9	55.5	66.2	33.6	51.3
Human Geography	--	43.9	58.4	--	33.9	50.9	23.4	33.9	51.5	45.3	33.9	50.2	44.0	32.8	46.9
Music Theory	72.1	52.9	66.5	53.7	44.8	59.7	70.4	50.7	67.7	70.7	45.8	59.9	69.0	42.2	60.6
Physics B	62.1	47.6	60.4	42.5	45.2	60.3	48.6	45.8	60.5	67.2	45.1	60.8	62.3	44.4	59.4
Physics C: Elec & Mag	40.0	44.9	70.8	60.0	47.7	71.6	77.8	42.7	70.3	72.7	55.6	71.8	71.4	52.2	70.3
Physics C: Mechanics	63.4	53.4	69.9	74.1	54.6	71.5	88.2	55.6	73.5	56.4	56.4	69.9	61.5	56.9	72.9
Psychology	70.6	54.4	67.7	44.7	51.4	65.5	56.7	53.6	66.8	64.7	56.9	68.7	62.9	52.8	66.2
Spanish Language	68.8	82.8	75.7	59.4	75.7	64.5	57.7	77.0	68.7	67.1	77.6	69.9	63.6	77.9	71.8
Spanish Literature	66.7	69.9	61.8	71.4	71.4	61.5	100	72.9	92.9	33.3	71.0	58.8	20.0	70.8	60.7
Statistics	68.7	46.3	60.2	61.8	44.3	58.8	58.0	43.4	59.3	60.9	45.1	58.8	69.0	42.7	58.7
Studio Art: Drawing	75.0	66.9	67.0	56.3	69.2	67.8	69.2	65.2	67.5	66.7	70.1	69.2	89.5	67.8	72.6
Studio Art: 2-D	77.4	68.3	65.2	67.9	68.4	67.3	77.5	70.8	68.0	84.8	71.1	68.5	84.3	72.6	70.4
Studio Art: 3-D	--	62.9	66.9	0	59.5	63.9	100	57.8	62.0	80.0	59.1	61.9	63.6	53.2	62.3
US History	54.4	40.7	53.1	54.7	40.6	53.2	53.1	34.4	48.1	56.1	37.3	52.5	55.1	36.4	52.6
World History	65.9	38.4	51.0	62.1	41.2	54.2	47.8	32.2	48.4	40.2	33.9	50.5	40.9	32.3	49.1

**District Test Results by Gender
2010**

The tables below show the 2010 Advanced Placement participation and test results by gender. In terms of participation in AP, female students outnumber males 57% to 43% and have a higher number of exams taken. Males have a higher percentage of exams scoring 3 or higher.

	Number of Candidates	Number of Tests	Percent 3 or Better
Male	1,328	2,393	66.6
Female	1,786	3,064	58.7
Totals	3,114	5,457	62.1

**District Test Results by Gender
2006 - 2010**

Over the past five years at the subject area level, females tend to perform slightly better in English, Music and Spanish; males tend to perform slightly better in science; and both groups have equivalent performance in mathematics. In 2010, males out-performed females in all subject areas except English Literature, European History, French Language, German Language, Physics C: Electricity & Magnetism, Psychology, Spanish and Studio Art: 2D.

Subject	2006		2007		2008		2009		2010	
	# Tests	% 3 or Better	# Tests	% 3 or Better	# Tests	% 3 or Better	# Tests	% 3 or Better	# Tests	% 3 or Better
Male	1,832	68.0	1,884	61.0	2,387	58.6	2,460	62.0	2,393	66.6
Female	2,295	58.1	2,356	55.7	2,788	52.6	3,141	55.5	3,064	58.7

**District Test Results by Grade Level
2010**

The tables below show the AP test results by grade level. While the majority of tests were taken by 11th and 12th graders, some subjects such as Government, Psychology, US History and World History are well suited to the 10th grade population. The majority of 9th graders were enrolled in Human Geography.

	Number of Candidates	Number of Tests	Percent 3 or Better
9th	97	98	34.7
10th	560	659	56.1
11th	1,191	2,221	64.7
12th	1,149	2,281	63.3
Not-Stated	117	198	56.1
Total	3,114	5,457	62.1

**District Test Results by Grade Level
2006 - 2010**

The number of AP tests has decreased for 11th and 12th grade from last year. The performance of all grade levels, except 9th grade, improved from last year.

Subject	2006		2007		2008		2009		2010	
	# Tests	% 3 or Better	# Tests	% 3 or Better	# Tests	% 3 or Better	# Tests	% 3 or Better	# Tests	% 3 or Better
9th	5	100	4	75.0	69	10.1	83	37.3	98	34.7
10th	494	56.9	464	61.2	591	45.3	601	53.9	659	56.1
11th	1,709	61.6	1,794	58.2	2,163	58.6	2,322	59.4	2,221	64.7
12th	1,736	64.8	1,779	57.4	2,173	57.2	2,402	59.8	2,281	63.3
Not-Stated	183	63.4	200	55.0	179	45.3	193	50.8	198	56.1

**District Test Results by Ethnicity
2010**

Of the 3,114 AP candidates, 621 or 19.9% identified themselves as minority students. This distribution of ethnic groups is typical of the trend in Brevard's AP program over the past 5 years with Asians accounting for 5.0% of the students, Blacks 5.5%, Hispanics 8.9%, and other/not stated 7.1% of the students tested. Compared to the ethnic distribution of all high school students (Asians 2.2%, Blacks 13.4%, and Hispanics 8.2%), the AP program has a much higher representation of Asians, a slightly higher representation of Hispanics and a dramatically lower representation of Blacks.

	Number of Candidates	Number of Tests	Percent 3 or Better
American Indian/Alaskan	17	34	52.9
Asian	157	324	67.6
Black	170	256	47.3
Chicano/Mexican American	32	60	65.0
Other Hispanic	164	288	53.5
Puerto Rican	81	140	55.7
White	2,271	3,942	63.8
Other	133	244	58.2
Not-Stated	89	169	63.3
Totals	3,114	5,457	62.1

**District Test Results by Ethnicity
2006 - 2010**

The participation of Asian students has decreased since last year, with their overall performance ranging from 59.3% to 67.6% of their test takers scoring a 3 or better over the last five years. Black student participation has decreased from last year; however, their performance remains low in comparison to other ethnic groups. Hispanics have increased their participation dramatically since 2006, and their performance has decreased from last year. White students have had the largest decrease in participation and continue to be by the largest group while their performance has ranged from 56.4% to 63.8% of their test takers scoring a 3 or better. The chart below shows the test trend in performance and participation in Brevard by ethnicity over the past five years.

Subject	2006		2007		2008		2009		2010	
	# Tests	% 3 or Better	# Tests	% 3 or Better	# Tests	% 3 or Better	# Tests	% 3 or Better	# Tests	% 3 or Better
Asian	274	63.1	261	65.1	327	59.3	352	63.6	324	67.6
Black	144	48.6	171	36.8	220	38.6	276	35.1	256	47.3
Hispanic	301	63.1	282	58.2	397	54.2	486	59.5	488	55.5
White	3,156	63.3	3,281	58.9	3,946	56.4	4,135	59.4	3,942	63.8
Other/Not-Stated	236	60.2	219	52.1	262	51.1	313	57.8	413	60.3

**SCHOOL
TEST RESULTS
2010**

ASTRONAUT		133 STUDENTS, 11.4% OF TOTAL 9-12 ENROLLMENT						
Test Name	Number Tested	Number at Each Score					Number at 3 or Above	Percentage 3 or Above
		1	2	3	4	5		
Biology	61	45	9	2	4	1	7	11.5%
Calculus AB	11	5	1	2	2	1	5	45.5%
Calculus BC	11	4	1	2	3	1	6	54.5%
Chemistry	6	5	0	1	0	0	1	16.7%
English Literature Composition	40	0	6	13	16	5	34	85.0%*
Psychology	45	6	11	11	15	2	28	62.2%
Statistics	15	2	3	6	4	0	10	66.7%*
Studio Art: 2D	9	1	6	2	0	0	2	22.2%
TOTALS	198	68	37	39	44	10	93	47.0%
PERCENTAGES		34.3	18.7	19.7	22.2	5.1		

BAYSIDE		219 STUDENTS, 10.3% OF TOTAL 9-12 ENROLLMENT						
Test Name	Number Tested	Number at Each Score					Number at 3 or Above	Percentage 3 or Above
		1	2	3	4	5		
Biology	24	6	2	3	10	3	16	66.7%*
Calculus AB	38	8	4	8	7	11	26	68.4%*
Chemistry	10	0	1	4	3	2	9	90.0%*
Micro Economics	29	5	15	8	1	0	9	31.0%
English Language Composition	65	0	20	24	19	2	45	69.2%*
English Literature Composition	44	0	20	20	3	1	24	54.5%
European History	11	0	1	6	3	1	10	90.9%*
Government & Politics: US	10	1	4	4	0	1	5	50.0%
Physics B	10	0	3	4	3	0	7	70.0%*
Psychology	51	10	13	12	11	5	28	54.9%
Statistics	16	2	3	6	2	3	11	68.8%*
US History	43	7	13	14	6	3	23	53.5%*
TOTALS	351	39	99	113	68	32	213	60.7%
PERCENTAGES		11.1	28.2	32.2	19.4	9.1		

* percentage equal to or exceeding global mean

COCOA		187 STUDENTS, 20.0% OF TOTAL 9-12 ENROLLMENT						
Test Name	Number Tested	Number at Each Score					Number at 3 or Above	Percentage 3 or Above
		1	2	3	4	5		
Calculus AB	7	7	0	0	0	0	0	0%
English Language Composition	63	29	24	9	1	0	10	15.9%
English Literature Composition	23	11	9	3	0	0	3	13.0%
Government & Politics: US	17	13	3	0	1	0	1	5.9%
Human Geography	55	37	8	8	1	1	10	18.2%
Physics B	11	8	2	1	0	0	1	9.1%
Psychology	17	14	0	2	1	0	3	17.6%
Statistics	5	5	0	0	0	0	0	0%
Studio Art: 2D	3	0	1	1	1	0	2	66.7%
US History	27	18	7	2	0	0	2	7.4%
World History	28	12	10	4	2	0	6	21.4%
TOTALS	256	154	64	30	7	1	38	14.8%
PERCENTAGES		60.2	25.0	11.7	2.7	0.4		

* percentage equal to or exceeding global mean

COCOA BEACH		190 STUDENTS, 20.6% OF TOTAL 9-12 ENROLLMENT						
Test Name	Number Tested	Number at Each Score					Number at 3 or Above	Percentage 3 or Above
		1	2	3	4	5		
Calculus AB	5	1	2	1	0	1	2	40.0%
Calculus BC	4	1	0	3	0	0	3	75.0%
Chemistry	14	4	6	3	1	0	4	28.6%
Macro Economics	42	14	12	2	10	4	16	38.1%
English Language Composition	74	0	4	28	28	14	70	94.6%*
English Literature Composition	13	1	4	5	2	1	8	61.5%*
Government & Politics: US	43	5	7	18	3	10	31	72.1%*
Human Geography	2	0	0	1	1	0	2	100%*
Spanish Language	2	0	0	0	0	2	2	100%*
Statistics	42	3	1	14	17	7	38	90.5%*
US History	85	5	23	26	22	9	57	67.1%*
TOTALS	326	34	59	101	84	48	233	71.5%
PERCENTAGES		10.4	18.1	31.0	25.8	14.7		

EAU GALLIE		56 STUDENTS, 3.6% OF TOTAL 9-12 ENROLLMENT						
Test Name	Number Tested	Number at Each Score					Number at 3 or Above	Percentage 3 or Above
		1	2	3	4	5		
Calculus AB	19	3	0	4	4	8	16	84.2%*
Government & Politics: US	11	1	5	2	2	1	5	45.5%
Music Theory	13	0	1	1	9	2	12	92.3%*
Physics C: Mechanics	25	8	7	8	2	0	10	40.0%
TOTALS	68	12	13	15	17	11	43	63.2%
PERCENTAGES		17.6	19.1	22.1	25.0	16.2		

* percentage equal to or exceeding global mean

EDGEWOOD		227 STUDENTS, 41.4% OF TOTAL 9-12 ENROLLMENT						
Test Name	Number Tested	Number at Each Score					Number at 3 or Above	Percentage 3 or Above
		1	2	3	4	5		
Biology	8	4	3	0	1	0	1	12.5%
Calculus AB	28	3	2	6	11	6	23	82.1%*
Calculus BC	7	0	0	2	1	4	7	100%*
Chemistry	17	6	6	3	2	0	5	29.4%
Computer Science A	15	3	0	4	4	4	12	80.0%*
Macro Economics	21	4	2	4	10	1	15	71.4%*
Micro Economics	20	4	4	3	8	1	12	60.0%
English Language Composition	19	0	0	3	7	9	19	100%*
English Literature Composition	24	0	2	5	13	4	22	91.7%*
European History	11	0	1	4	5	1	10	90.9%*
Government & Politics: US	18	1	3	11	0	3	14	77.8%*
Human Geography	10	1	3	3	2	1	6	60.0%*
Latin Vergil	1	0	0	1	0	0	1	100%*
Physics B	12	0	5	3	1	3	7	58.3%
Physics C: Electricity & Magnetism	15	7	2	1	4	1	6	40.0%
Physics C: Mechanics	15	3	7	2	3	0	5	33.3%
Psychology	57	2	6	11	17	21	49	86.0%*
Statistics	26	1	3	12	8	2	22	84.6%*
Studio Art: Drawing	4	0	0	4	0	0	4	100%*
Studio Art: 2D	3	0	0	1	1	1	3	100%*
US History	67	8	19	23	8	9	40	59.7%*
TOTALS	398	47	68	106	106	71	283	71.1%
PERCENTAGES		11.8	17.1	26.6	26.6	17.8		

* percentage equal to or exceeding global mean

MELBOURNE		303 STUDENTS, 15.9% OF TOTAL 9-12 ENROLLMENT						
Test Name	Number Tested	Number at Each Score					Number at 3 or Above	Percentage 3 or Above
		1	2	3	4	5		
Biology	11	2	3	1	3	2	6	54.5%*
Calculus AB	37	2	1	15	9	10	34	91.9%*
Calculus BC	13	1	0	4	1	7	12	92.3%*
Chemistry	8	2	1	2	2	1	5	62.5%*
English Language Composition	55	1	19	20	14	1	35	63.6%*
English Literature Composition	19	0	6	10	3	0	13	68.4%*
European History	20	3	4	11	2	0	13	65.0%
Government & Politics: US	24	4	7	6	4	3	13	54.2%*
Music Theory	11	3	5	3	0	0	3	27.3%
Physics C: Mechanics	5	0	2	2	0	1	3	60.0%
Psychology	53	19	13	5	11	5	21	39.6%
Spanish Language	22	3	7	3	5	4	12	54.5%
Spanish Literature	5	2	2	0	1	0	1	20.0%
Statistics	59	12	13	14	14	6	34	57.6%
Studio Art: Drawing	1	0	0	0	1	1	1	100%*
Studio Art: 2D	9	0	0	5	3	1	9	100%*
Studio Art: 3D	10	0	3	5	2	0	7	70.0%*
US History	98	12	26	34	12	14	60	61.2%*
TOTALS	460	66	112	140	87	55	282	61.3%
PERCENTAGES		14.3	24.3	30.4	18.9	12.0		

* percentage equal to or exceeding global mean

MERRITT ISLAND		292 STUDENTS, 20.3% OF TOTAL 9-12 ENROLLMENT						
Test Name	Number Tested	Number at Each Score					Number at 3 or Above	Percentage 3 or Above
		1	2	3	4	5		
Biology	16	9	0	3	1	3	7	43.8%
Calculus AB	29	1	1	11	10	6	27	93.1%*
Calculus BC	4	0	0	0	0	4	4	100%*
Chemistry	15	6	5	2	2	0	4	26.7%
Macro Economics	28	10	5	4	7	2	13	46.4%
Micro Economics	28	10	4	5	6	3	14	50.0%
English Language Composition	27	1	4	10	8	4	22	81.5%*
English Literature Composition	27	0	5	10	10	2	22	81.5%*
Environmental Science	47	16	6	7	12	6	25	53.2%*
European History	24	4	2	12	2	4	18	75.0%*
German Language	4	1	2	0	0	1	1	25.0%
Government & Politics: Comparative	2	0	0	0	0	2	2	100%*
Government & Politics: US	47	2	16	23	3	3	29	61.7%*
Human Geography	38	6	6	15	8	3	26	68.4%*
Physics C: Electricity & Magnetism	12	1	2	3	3	3	9	75.0%*
Physics C: Mechanics	12	1	2	1	4	4	9	75.0%*
Psychology	55	7	9	11	14	14	39	70.9%*
Spanish Language	12	1	3	4	1	3	8	66.7%
Statistics	54	25	8	13	6	2	21	38.9%
Studio Art: Drawing	6	0	1	5	0	0	5	83.3%*
Studio Art: 2D	16	0	0	3	10	3	16	100%*
US History	30	1	7	12	8	2	22	73.3%*
World History	36	14	8	7	7	0	14	38.9%
TOTALS	569	116	96	161	122	74	357	62.7%
PERCENTAGES		20.4	16.9	28.3	21.4	13.0		

* percentage equal to or exceeding global mean

PALM BAY		277 STUDENTS, 13.9% OF TOTAL 9-12 ENROLLMENT						
Test Name	Number Tested	Number at Each Score					Number at 3 or Above	Percentage 3 or Above
		1	2	3	4	5		
Biology	17	3	3	6	2	3	11	64.7%*
Calculus AB	17	0	1	5	4	7	16	94.1%*
Calculus BC	20	0	0	7	1	12	20	100%*
Chemistry	16	1	2	7	3	3	13	81.3%*
Macro Economics	16	10	3	1	1	1	3	18.8%
Micro Economics	21	15	1	1	3	1	5	23.8%
English Language Composition	95	7	28	38	21	1	60	63.2%*
English Literature Composition	60	0	21	26	10	3	39	65.0%*
Environmental Science	6	0	3	1	1	1	3	50.0%*
European History	18	5	2	9	2	0	11	61.1%
Government & Politics: US	57	8	13	17	15	4	36	63.2%*
Psychology	95	14	17	26	26	12	64	67.4%*
Spanish Language	3	0	0	1	0	2	3	100%*
Statistics	35	7	5	9	11	3	23	65.7%*
US History	49	7	28	8	5	1	14	28.6%
TOTALS	525	77	127	162	105	54	321	61.1%
PERCENTAGES		14.7	24.2	30.9	20.0	10.3		

ROCKLEDGE		21 STUDENTS, 1.8% OF TOTAL 9-12 ENROLLMENT						
Test Name	Number Tested	Number at Each Score					Number at 3 or Above	Percentage 3 or Above
		1	2	3	4	5		
Calculus AB	20	8	5	6	1	0	7	35.0%
Calculus BC	1	0	0	0	1	0	1	100%*
TOTALS	21	8	5	6	2	0	8	38.1%
PERCENTAGES		38.1	23.8	28.6	9.5	0.0		

* percentage equal to or exceeding global mean

SATELLITE		244 STUDENTS, 21.1% OF TOTAL 9-12 ENROLLMENT						
Test Name	Number Tested	Number at Each Score					Number at 3 or Above	Percentage 3 or Above
		1	2	3	4	5		
Calculus AB	26	12	5	4	3	2	9	34.6%
Calculus BC	5	2	1	0	0	2	2	40.0%
English Language Composition	56	0	11	18	17	10	45	80.4%*
English Literature Composition	70	1	22	30	10	7	47	67.1%*
Environmental Science	16	1	3	8	4	0	12	75.0%*
European History	16	10	1	3	2	0	5	31.3%
Government & Politics: US	23	1	4	8	1	9	18	78.3%*
Latin Vergil	4	0	0	2	1	1	4	100%*
Music Theory	12	0	3	4	2	3	9	75.0%*
Psychology	52	2	12	6	16	16	38	73.1%*
Spanish Language	4	1	2	0	0	1	1	25.0%
Statistics	63	3	11	17	22	10	49	77.8%*
Studio Art: 2D	1	0	0	0	1	0	1	100%*
Studio Art: 3D	1	0	1	0	0	0	0	0%
US History	49	11	18	13	4	3	20	40.8%
World History	45	11	16	7	6	5	18	40.0%
TOTALS	443	55	110	120	89	69	278	62.8%
PERCENTAGES		12.4	24.8	27.1	20.1	15.6		

* percentage equal to or exceeding global mean

SPACE COAST		119 STUDENTS, 9.8% OF TOTAL 9-12 ENROLLMENT						
Test Name	Number Tested	Number at Each Score					Number at 3 or Above	Percentage 3 or Above
		1	2	3	4	5		
Biology	20	15	0	2	1	2	5	25.0%
Calculus AB	15	3	4	3	2	3	8	53.3%
Calculus BC	2	0	0	0	0	2	2	100%*
Chemistry	36	20	7	8	1	0	9	25.0%
English Language Composition	35	3	10	18	3	1	22	62.9%*
English Literature Composition	18	1	5	6	4	2	12	66.7%*
French Language	1	1	0	0	0	0	0	0%
Music Theory	12	1	6	2	1	2	5	41.7%
Psychology	14	5	2	1	3	3	7	50.0%
Spanish Language	7	2	1	1	2	1	4	57.1%
Studio Art: Drawing	3	0	0	1	2	0	3	100%*
US History	25	9	7	7	2	0	9	36.0%
TOTALS	188	60	42	49	21	16	86	45.7%
PERCENTAGES		31.9	22.3	26.1	11.2	8.5		

TITUSVILLE		137 STUDENTS, 10.1% OF TOTAL 9-12 ENROLLMENT						
Test Name	Number Tested	Number at Each Score					Number at 3 or Above	Percentage 3 or Above
		1	2	3	4	5		
Biology	11	1	1	3	3	3	9	81.8%*
Calculus AB	19	0	2	1	9	7	17	89.5%*
Chemistry	17	2	4	4	4	3	11	64.7%*
English Language Composition	46	3	11	19	8	5	32	69.6%*
English Literature Composition	57	2	20	26	8	1	35	61.4%*
European History	22	1	5	10	5	1	16	72.7%*
Government & Politics U.S.	22	2	4	7	4	5	16	72.7%*
Music Theory	10	0	1	2	2	5	9	90.0%*
US History	47	8	15	7	11	6	24	51.1%
TOTALS	251	19	63	79	54	36	169	67.3%
PERCENTAGES		7.6	25.1	31.5	21.5	14.3		

* percentage equal to or exceeding global mean

VIERA		410 STUDENTS, 20.8% OF TOTAL 9-12 ENROLLMENT						
Test Name	Number Tested	Number at Each Score					Number at 3 or Above	Percentage 3 or Above
		1	2	3	4	5		
Biology	37	6	7	9	6	9	24	64.9%*
Calculus AB	49	11	12	16	4	6	26	53.1%
Calculus BC	21	1	1	8	6	5	19	90.5%*
Chemistry	21	7	3	2	7	2	11	52.4%
Micro Economics	88	25	30	17	12	4	33	37.5%
English Language Composition	112	1	18	42	32	19	93	83.0%*
English Literature Composition	69	0	13	26	19	11	56	81.2%*
French Language	8	3	0	5	0	0	5	62.5%*
Government & Politics U.S.	150	6	26	54	30	34	118	78.7%*
Music Theory	13	1	1	1	6	4	11	84.6%*
Physics C: Mechanics	6	0	0	1	3	2	6	100%*
Spanish Language	26	1	3	8	10	4	22	84.6%*
Statistics	83	5	16	31	23	8	62	74.7%*
US History	88	9	19	29	17	14	60	68.2%*
TOTALS	771	76	149	249	175	122	546	70.8%
PERCENTAGES		9.9	19.3	32.3	22.7	15.8		

* percentage equal to or exceeding global mean

WEST SHORE		296 STUDENTS, 48.8% OF TOTAL 9-12 ENROLLMENT						
Test Name	Number Tested	Number at Each Score					Number at 3 or Above	Percentage 3 or Above
		1	2	3	4	5		
Biology	17	3	1	4	2	7	13	76.5%*
Calculus AB	18	1	0	0	4	13	17	94.4%*
Chemistry	48	1	8	21	11	7	39	81.3%*
Macro Economics	12	2	5	2	2	1	5	41.7%
Micro Economics	28	7	10	6	2	3	11	39.3%
English Language Composition	100	3	20	47	23	7	77	77.0%*
English Literature Composition	82	1	25	27	19	10	56	68.3%*
Environmental Science	28	4	6	5	10	3	18	64.3%*
French Language	5	0	2	2	1	0	3	60.0%*
Government & Politics U.S.	46	8	14	9	11	4	24	52.2%*
Human Geography	20	6	3	7	3	1	11	55.0%*
Physics B	20	1	1	5	5	8	18	90.0%*
Physics C: Electricity & Magnetism	15	0	0	4	4	7	15	100%*
Physics C: Mechanics	15	0	0	3	2	10	15	100%*
Psychology	68	17	9	12	21	9	42	61.8%
Spanish Language	12	6	2	1	2	1	4	33.3%
Statistics	21	0	2	2	6	11	19	90.5%*
Studio Art: Drawing	5	0	1	3	1	0	4	80.0%*
Studio Art: 2D	10	0	0	5	3	2	10	100%*
US History	36	1	11	12	8	4	24	66.7%*
World History	23	0	7	11	4	1	16	69.6%*
TOTALS	629	61	127	188	144	109	441	70.1%
PERCENTAGES		9.7	20.2	29.9	22.9	17.3		

* percentage equal to or exceeding global mean

**SUBJECT
TEST RESULTS
2010**

Thirty different subject exams were offered in sixteen high schools in 2010. The most popular courses were English Language and Composition (747 students), U.S. History (644 students), English Literature and Composition (546 students), Psychology (507 students), U.S. Government (468 students) and Statistics (419 students).

BIOLOGY								
SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Astronaut	61	45	9	2	4	1	7	11.5%
Bayside	24	6	2	3	10	3	16	66.7%
Edgewood	8	4	3	0	1	0	1	12.5%
Melbourne	11	2	3	1	3	2	6	54.5%
Merritt Island	16	9	0	3	1	3	7	43.8%
Palm Bay	17	3	3	6	2	3	11	64.7%
Space Coast	20	15	0	2	1	2	5	25.0%
Titusville	11	1	1	3	3	3	9	81.8%
Viera	37	6	7	9	6	9	24	64.9%
West Shore	17	3	1	4	2	7	13	76.5%
TOTAL	222	94	29	33	33	33	99	44.6%
		42.3	13.1	14.9	14.9	14.9		

CALCULUS AB

SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Astronaut	11	5	1	2	2	1	5	45.5%
Bayside	38	8	4	8	7	11	26	68.4%
Cocoa	7	7	0	0	0	0	0	0%
Cocoa Beach	5	1	2	1	0	1	2	40.0%
Eau Gallie	19	3	0	4	4	8	16	84.2%
Edgewood	28	3	2	6	11	6	23	82.1%
Melbourne	37	2	1	15	9	10	34	91.9%
Merritt Island	29	1	1	11	10	6	27	93.1%
Palm Bay	17	0	1	5	4	7	16	94.1%
Rockledge	20	8	5	6	1	0	7	35.0%
Satellite	26	12	5	4	3	2	9	34.6%
Space Coast	15	3	4	3	2	3	8	53.3%
Titusville	19	0	2	1	9	7	17	89.5%
Viera	49	11	12	16	4	6	26	53.1%
West Shore	18	1	0	0	4	13	17	94.4%
TOTAL	338	65	40	82	70	81	233	68.9%
		19.2	11.8	24.3	20.7	24.0		

CALCULUS BC

SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Astronaut	11	4	1	2	3	1	6	54.5%
Cocoa Beach	4	1	0	3	0	0	3	75.0%
Edgewood	7	0	0	2	1	4	7	100%
Melbourne	13	1	0	4	1	7	12	92.3%
Merritt Island	4	0	0	0	0	4	4	100%
Palm Bay	20	0	0	7	1	12	20	100%
Rockledge	1	0	0	0	1	0	1	100%
Satellite	5	2	1	0	0	2	2	40.0%
Space Coast	2	0	0	0	0	2	2	100%
Viera	21	1	1	8	6	5	19	90.5%
TOTAL	88	9	3	26	13	37	76	86.4%
		10.2	3.4	29.5	14.8	42.0		

CHEMISTRY

SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Astronaut	6	5	0	1	0	0	1	16.7%
Bayside	10	0	1	4	3	2	9	90.0%
Cocoa Beach	14	4	6	3	1	0	4	28.6%
Edgewood	17	6	6	3	2	0	5	29.4%
Heritage	3	3	0	0	0	0	0	0%
Melbourne	8	2	1	2	2	1	5	62.5%
Merritt Island	15	6	5	2	2	0	4	26.7%
Palm Bay	16	1	2	7	3	3	13	81.3%
Space Coast	36	20	7	8	1	0	9	25.0%
Titusville	17	2	4	4	4	3	11	64.7%
Viera	21	7	3	2	7	2	11	52.4%
West Shore	48	1	8	21	11	7	39	81.3%
TOTAL	211	57	43	57	36	18	111	47.7%
		27.0	20.4	27.0	17.1	8.5		

COMPUTER SCIENCE A

SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Edgewood	15	3	0	4	4	4	12	80.0%
TOTAL	15	3	0	4	4	4	12	80.0%
		20.0	0.0	26.7	26.7	26.7		

ECONOMICS: MACRO

SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Cocoa Beach	42	14	12	2	10	4	16	38.1%
Edgewood	21	4	2	4	10	1	15	71.4%
Merritt Island	28	10	5	4	7	2	13	46.4%
Palm Bay	16	10	3	1	1	1	3	18.8%
West Shore	12	2	5	2	2	1	5	41.7%
TOTAL	119	40	27	13	30	9	52	43.7%
		33.6	22.7	10.9	25.2	7.6		

ECONOMICS: MICRO

SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Bayside	29	5	15	8	1	0	9	31.0%
Edgewood	20	4	4	3	8	1	12	60.0%
Merritt Island	28	10	4	5	6	3	14	50.0%
Palm Bay	21	15	1	1	3	1	5	23.8%
Viera	88	25	30	17	12	4	33	37.5%
West Shore	28	7	10	6	2	3	11	39.3%
TOTAL	214	66	64	40	32	12	84	39.3%
		30.8	29.9	18.7	15.0	5.6		

ENGLISH LANGUAGE & COMPOSITION

SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Bayside	65	0	20	24	19	2	45	69.2%
Cocoa	63	29	24	9	1	0	10	15.9%
Cocoa Beach	74	0	4	28	28	14	70	94.6%
Edgewood	19	0	0	3	7	9	19	100%
Melbourne	55	1	19	20	14	1	35	63.5%
Merritt Island	27	1	4	10	8	4	22	81.5%
Palm Bay	95	7	28	38	21	1	60	63.2%
Satellite	56	0	11	18	17	10	45	80.4%
Space Coast	35	3	10	18	3	1	22	62.9%
Titusville	46	3	11	19	8	5	32	69.6%
Viera	112	1	18	42	32	19	93	83.0%
West Shore	100	3	20	47	23	7	77	77.0%
TOTAL	747	48	169	276	181	73	530	69.2%
		6.4	22.6	36.9	24.2	9.8		

ENGLISH LITERATURE & COMPOSITION

SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Astronaut	40	0	6	13	16	5	34	85.0%
Bayside	44	0	20	20	3	1	24	54.5%
Cocoa	23	11	9	3	0	0	3	13.0%
Cocoa Beach	13	1	4	5	2	1	8	61.5%
Edgewood	24	0	2	5	13	4	22	91.7%
Melbourne	19	0	6	10	3	0	13	68.4%
Merritt Island	27	0	5	10	10	2	22	81.5%
Palm Bay	60	0	21	26	10	3	39	65.0%
Satellite	70	1	22	30	10	7	47	67.1%
Space Coast	18	1	5	6	4	2	12	66.7%
Titusville	57	2	20	26	8	1	35	61.4%
Viera	69	0	13	26	19	11	56	81.2%
West Shore	82	1	25	27	19	10	56	68.3%
TOTAL	546	17	158	207	117	47	371	67.9%
		3.1	28.9	37.9	21.4	8.6		

ENVIRONMENTAL SCIENCE

SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Merritt Island	47	16	6	7	12	6	25	53.2%
Palm Bay	6	0	3	1	1	1	3	50.0%
Satellite	16	1	3	8	4	0	12	75.0%
West Shore	28	4	6	5	10	3	18	64.3%
TOTAL	97	21	18	21	27	10	58	59.8%
		21.6	18.6	21.6	27.8	10.3		

EUROPEAN HISTORY

SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Bayside	11	0	1	6	3	1	10	90.9%
Edgewood	11	0	1	4	5	1	10	90.9%
Melbourne	20	3	4	11	2	0	13	65.0%
Merritt Island	24	4	2	12	2	4	18	75.0%
Palm Bay	18	5	2	9	2	0	11	61.1%
Satellite	16	10	1	3	2	0	5	31.3%
Titusville	22	1	5	10	5	1	16	72.7%
TOTAL	122	23	16	55	21	7	83	68.0%
		18.9	13.1	45.1	17.2	5.7		

FRENCH LANGUAGE

SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Space Coast	1	1	0	0	0	0	0	0%
Viera	8	3	0	5	0	0	5	62.5%
West Shore	5	0	2	2	1	0	3	60.0%
TOTAL	14	4	2	7	1	0	8	50.0%
		28.6	14.3	50.0	7.1	0.0		

GERMAN LANGUAGE

SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Merritt Island	4	1	2	0	0	1	1	25.0%
TOTAL	4	1	2	0	0	1	1	25.0%
		25.0	50.0	0.0	0.0	25.0		

GOVERNMENT & POLITICS: COMPARATIVE

SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Merritt Island	2	0	0	0	0	2	2	100%
TOTAL	2	0	0	0	0	2	2	100%
		0.0	0.0	0.0	0.0	100		

GOVERNMENT & POLITICS: US

SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Bayside	10	1	4	4	0	1	5	50.0%
Cocoa	17	13	3	0	1	0	1	5.9%
Cocoa Beach	43	5	7	18	3	10	31	72.1%
Eau Gallie	11	1	5	2	2	1	5	45.5%
Edgewood	18	1	3	11	0	3	14	77.8%
Melbourne	24	4	7	6	4	3	13	54.2%
Merritt Island	47	2	16	23	3	3	29	61.7%
Palm Bay	57	8	13	17	15	4	36	63.2%
Satellite	23	1	4	8	1	9	18	78.3%
Titusville	22	2	4	7	4	5	16	72.7%
Viera	150	6	26	54	30	34	118	78.7%
West Shore	46	8	14	9	11	4	24	52.2%
TOTAL	468	52	106	159	74	77	310	66.2%
		11.1	22.6	34.0	15.8	16.5		

HUMAN GEOGRAPHY

SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Cocoa	55	37	8	8	1	1	10	18.2%
Cocoa Beach	2	0	0	1	1	0	2	100%
Edgewood	10	1	3	3	2	1	6	60.0%
Merritt Island	38	6	6	15	8	3	26	68.4%
West Shore	20	6	3	7	3	1	11	55.0%
TOTAL	125	50	20	34	15	6	55	44.0%

		40.0	16.0	27.2	12.0	4.8		
LATIN: VERGIL								
SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Edgewood	1	0	0	1	0	0	1	100%
Satellite	4	0	0	2	1	1	4	100%
TOTAL	5	0	0	3	1	1	5	100%
		0.0	0.0	60.0	20.0	20.0		

MUSIC THEORY								
SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Eau Gallie	13	0	1	1	9	2	12	92.3%
Melbourne	11	3	5	3	0	0	3	27.3%
Satellite	12	0	3	4	2	3	9	75.0%
Space Coast	12	1	6	2	1	2	5	41.7%
Titusville	10	0	1	2	2	5	9	90.0%
Viera	13	1	1	1	6	4	11	84.6%
TOTAL	71	5	17	13	20	16	49	69.0%
		7.0	23.9	18.3	28.2	22.5		

PHYSICS B

SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Bayside	10	0	3	4	3	0	7	70.0%
Cocoa	11	8	2	1	0	0	1	9.1%
Edgewood	12	0	5	3	1	3	7	58.3%
West Shore	20	1	1	5	5	8	18	90.0%
TOTAL	53	9	11	13	9	11	33	62.3%
		17.0	20.8	24.5	17.0	20.8		

PHYSICS C: ELECTRICITY & MAGNETISM

SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Edgewood	15	7	2	1	4	1	6	40.0%
Merritt Island	12	1	2	3	3	3	9	75.0%
West Shore	15	0	0	3	2	10	15	100%
TOTAL	42	8	4	7	9	14	30	71.4%
		19.0	9.5	19.0	26.2	26.2		

PHYSICS C: MECHANICS

SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Eau Gallie	25	8	7	8	2	0	10	40.0%
Edgewood	15	3	7	2	3	0	5	33.3%
Melbourne	5	0	2	2	0	1	3	60.0%
Merritt Island	12	1	2	1	4	4	9	75.0%
Viera	6	0	0	1	3	2	6	100%
West Shore	15	0	0	3	2	10	15	100%
TOTAL	78	12	18	17	14	17	48	61.5%
		15.4	23.1	21.8	17.9	21.8		

PSYCHOLOGY

SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Astronaut	45	6	11	11	15	2	28	62.2%
Bayside	51	10	13	12	11	5	28	54.9%
Cocoa	17	14	0	2	1	0	3	17.6%
Edgewood	57	2	6	11	17	21	49	86.0%
Melbourne	53	19	13	5	11	5	21	39.6%
Merritt Island	55	7	9	11	14	14	39	70.9%
Palm Bay	95	14	17	26	26	12	64	67.4%
Satellite	52	2	12	6	16	16	38	73.1%
Space Coast	14	5	2	1	3	3	7	50.0%
West Shore	68	17	9	12	21	9	42	61.8%
TOTAL	507	96	92	97	135	87	319	62.9%

		18.9	18.1	19.1	26.6	17.2		
SPANISH LANGUAGE								
SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Cocoa Beach	2	0	0	0	0	2	2	100%
Melbourne	22	3	7	3	5	4	12	54.5%
Merritt Island	12	1	3	4	1	3	8	66.7%
Palm Bay	3	0	0	1	0	2	3	100%
Satellite	4	1	2	0	0	1	1	25.0%
Space Coast	7	2	1	1	2	1	4	57.1%
Viera	26	1	3	8	10	4	22	84.6%
West Shore	12	6	2	1	2	1	4	33.3%
TOTAL	88	14	18	18	20	18	56	63.6%
		15.9	20.5	20.5	22.7	20.5		

SPANISH LITERATURE								
SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Melbourne	5	2	2	0	1	0	1	20.0%
TOTAL	5	2	2	0	1	0	1	20.0%
		40.0	40.0	0.0	20.0	0.0		

STATISTICS

SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Astronaut	15	2	3	6	4	0	10	66.7%
Bayside	16	2	3	6	2	3	11	68.8%
Cocoa	5	5	0	0	0	0	0	0%
Cocoa Beach	42	3	1	14	17	7	38	90.5%
Edgewood	26	1	3	12	8	2	22	84.6%
Melbourne	59	12	13	14	14	6	34	57.6%
Merritt Island	54	25	8	13	6	2	21	38.9%
Palm Bay	35	7	5	9	11	3	23	65.7%
Satellite	63	3	11	17	22	10	49	77.8%
Viera	83	5	16	31	23	8	62	74.7%
West Shore	21	0	2	2	6	11	19	90.5%
TOTAL	419	65	65	124	113	52	289	69.0%
		15.5	15.5	29.6	27.0	12.4		

STUDIO ART: DRAWING

SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Edgewood	4	0	0	4	0	0	4	100%
Melbourne	1	0	0	0	1	0	1	100%
Merritt Island	6	0	1	5	0	0	5	83.3%
Space Coast	3	0	0	1	2	0	3	100%
West Shore	5	0	1	3	1	0	4	80.0%
TOTAL	19	0	2	13	4	0	17	89.5%

		0.0	10.5	68.4	21.1	0.0		
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STUDIO ART: 2D								
SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Astronaut	9	1	6	2	0	0	2	22.2%
Cocoa	3	0	1	1	1	0	2	66.7%
Edgewood	3	0	0	1	1	1	3	100%
Melbourne	9	0	0	5	3	1	9	100%
Merritt Island	16	0	0	3	10	3	16	100%
Satellite	1	0	0	0	1	0	1	100%
West Shore	10	0	0	5	3	2	10	100%
TOTAL	51	1	7	17	19	7	43	84.3%
		2.0	13.7	33.3	37.3	13.7		

STUDIO ART: 3D								
SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Melbourne	10	0	3	5	2	0	7	70.0%
Satellite	1	0	1	0	0	0	0	0%
TOTAL	11	0	4	5	2	0	7	63.6%
		0.0	36.4	45.5	18.2	0.0		

U.S. HISTORY

SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Bayside	43	7	13	14	6	3	23	53.5%
Cocoa	27	18	7	2	0	0	2	7.4%
Cocoa Beach	85	5	23	26	22	9	57	67.1%
Edgewood	67	8	19	23	8	9	40	59.7%
Melbourne	98	12	26	34	12	14	60	61.2%
Merritt Island	30	1	7	12	8	2	22	73.3%
Palm Bay	49	7	28	8	5	1	14	28.6%
Satellite	49	11	18	13	4	3	20	40.8%
Space Coast	25	9	7	7	2	0	9	36.0%
Titusville	47	8	15	7	11	6	24	51.1%
Viera	88	9	19	29	17	14	60	68.2%
West Shore	36	1	11	12	8	4	24	66.7%
TOTAL	644	96	193	187	103	65	355	56.1%
		14.9	30.0	29.0	16.0	10.1		

WORLD HISTORY

SCHOOL	Number Tested	1	2	3	4	5	Number at 3 or Above	Percentage 3 or Above
Cocoa	28	12	10	4	2	0	6	21.4%
Merritt Island	36	14	8	7	7	0	14	38.9%
Satellite	45	11	16	7	6	5	18	40.0%
West Shore	23	0	7	11	4	1	16	69.6%
TOTAL	132	37	41	29	19	6	54	40.2%

		28.0	31.1	22.0	14.4	4.5		
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**AICE and IB
TEST RESULTS
2010**

International Baccalaureate (IB) Test Results 2010

The International Baccalaureate (IB) Program is an internationally recognized accelerated program in which students may earn college and university credits. During the past year students at Cocoa Beach High School and Melbourne High School earned credit through diplomas and through success on examinations. To earn college credit on IB exams, students must earn a score of 4 or higher.

At Cocoa Beach High School, the percentage of students achieving scores of 4 or higher was 87.5%. In courses with 10 or more students enrolled, the best performance (100% each) was in Psychology SL, and Spanish B SL.

The total number of candidates for IB diplomas was 54, with 40 (74.1%) earning diplomas. The total number of exams taken was 359.

COCOA BEACH		54 Candidates, 40 (74.1%) Diplomas								
Test Name	# Tests	Number at Each Score							# at 4 or Above	Percentage 4 or Above
		1	2	3	4	5	6	7		
English A1 HL	54	0	0	1	29	19	4	1	53	98.1%
French B HL	6	0	0	1	3	0	2	0	5	83.3%
French B SL	11	0	0	1	8	2	0	0	10	90.9%
Spanish B HL	24	0	0	1	3	9	11	0	23	95.8%
Spanish B SL	44	0	0	0	5	16	19	4	44	100%
Env & Soc SL	34	0	1	12	18	2	1	0	21	61.8%
Hist Europe/ME HL	54	0	0	14	26	11	3	0	40	74.1%
Psychology HL	7	0	0	1	5	1	0	0	6	85.7%
Psychology SL	25	0	0	0	11	11	3	0	25	100%
Chemistry HL	9	0	1	2	2	4	0	0	6	66.7%
Chemistry SL	13	0	0	5	3	5	0	0	8	61.5%
Math Studies SL	37	0	1	1	8	12	11	4	35	94.6%
Mathematics HL	6	0	0	1	4	1	0	0	5	83.3%
Mathematics SL	28	0	0	2	8	12	6	0	26	92.9%
Music Group SL	1	0	0	0	1	0	0	0	1	100.0%
Music Solo SL	1	0	0	0	0	1	0	0	1	100%
Theater HL	4	0	0	0	3	1	0	0	4	100.0%
Theater SL	1	0	0	0	1	0	0	0	1	100.0%
TOTALS	359	0	3	42	138	107	60	9	314	87.5%
PERCENTAGES		0.0	0.8	11.7	38.4	29.8	16.7	2.5		

HL (higher level) exams are taken after two years of study. SL (standard level) exams are taken after one year of study.

This is Melbourne High School's second year with test results as an IB school. At Melbourne High School, the percentage of students achieving scores of 4 or higher was 71.3%. In courses with 10 or more students enrolled, the best performance (100%) was in English HL. A need for improvement in Biology SL and Biology HL is indicated by the success rates of 37.5% and 12.0% respectively.

The total number of candidates for IB diplomas was 47, with 23 (48.9%) earning diplomas. The total number of exams taken was 268.

MELBOURNE		47 Candidates, 23 (48.9%) Diplomas								
Test Name	# Tests	Number at Each Score							# at 4 or Above	Percentage 4 or Above
		1	2	3	4	5	6	7		
Biology SL	16	0	0	10	5	1	0	0	6	37.5%
Biology HL	25	1	10	11	3	0	0	0	3	12.0%
English HL	47	0	0	0	15	26	6	0	47	100%
History HL	47	0	0	7	29	10	1	0	40	85.1%
Math Studies SL	20	0	0	1	4	9	6	0	19	95.0%
Math SL	18	0	2	6	7	1	2	0	10	55.6%
Math HL	16	0	3	8	5	0	0	0	5	31.3%
Spanish B SL	38	0	0	3	6	15	13	1	35	92.1%
French B SL	1	0	0	0	1	0	0	0	1	100%
Music SL	2	0	0	0	0	2	0	0	2	100%
Music HL	8	0	0	7	0	1	0	0	1	12.5%
Psychology SL	30	0	0	8	10	7	4	1	22	73.3%
TOTALS	268	1	15	61	85	72	32	2	191	71.3%
PERCENTAGES		0.4	5.6	22.8	31.7	26.9	11.9	0.7		

HL (higher level) exams are taken after two years of study. SL (standard level) exams are taken after one year of study.

**Cambridge Advanced International Certificate of Education (AICE)
2010**

The Cambridge Advanced International Certificate of Education (AICE) is an internationally recognized accelerated program in which students may earn college and university credits. During the past year students at Eau Gallie High School and Rockledge High School earned credit through diplomas and through success on examinations. To earn college credit on AICE exams, students must earn scores of E or better.

At Rockledge High School, the percentage of students achieving scores of E or better was 70.5%. In courses with 10 or more students enrolled, the best performance (95.7%) was in Thinking Skills. A need for improvement in Biology and English Literature is indicated by the success rates of 21.1% and 37.7% respectively.

The total number of candidates for AICE diplomas at Rockledge High School was 73, with 41 (56.2%) earning diplomas. The total number of exams taken was 596.

ROCKLEDGE		73 Candidates, 41 (56.2%) Diplomas							
Test Name	Number Tested	Number at each score						Number passed (E or above)	Percentage passed (E or above)
		A	B	C	D	E	U (Ungraded)		
Biology	19	0	0	0	2	2	15	4	21.1%
Chemistry	9	0	0	0	2	1	6	3	33.3%
Env Management	26	3	8	1	6	5	3	23	88.4%
Eng Language	88	7	23	17	23	9	9	79	89.8%
Eng Literature	69	0	0	6	5	15	43	26	37.7%
Business Studies	19	0	0	1	0	2	16	3	15.8%
European History	61	3	2	15	11	17	13	48	78.7%
General Paper	58	3	12	7	9	9	18	40	69.0%
Mathematics	34	1	2	4	5	7	15	19	55.8%
French Lang	7	0	1	1	1	1	3	4	57.1%
Spanish Lang	6	2	0	2	2	0	0	6	100%
Spanish Lit	1	0	0	0	0	0	1	0	0.0%
Thinking Skills	93	8	13	39	22	7	4	89	95.7%
US History	34	0	1	8	9	9	7	27	79.4%
Physics	8	0	0	1	1	3	3	5	62.5%
Psychology	64	1	9	11	12	11	20	44	68.8%
TOTALS	596	28	71	113	110	98	176	420	70.5%
PERCENTAGES		4.7	11.9	19.0	18.5	16.4	29.5		

This is Eau Gallie High School's second year with test results as an AICE school. At Eau Gallie High School, the percentage of students achieving scores of E or better was 72.6%. In courses with 10 or more students enrolled, the best performance (100%) was in English Language and European History. A need for improvement in Biology and Mathematics is indicated by the success rates of 9.1% and 35.1% respectively.

The total number of candidates for AICE diplomas at Eau Gallie High School was 28, with 19 (67.9%) earning diplomas. The total number of exams taken was 223.

EAU GALLIE		28 Candidates, 19 (67.9%) Diplomas							
Test Name	Number Tested	Number at each score						Number passed (E or above)	Percentage passed (E or above)
		A	B	C	D	E	U (Ungraded)		
Art & Design	2	0	0	1	1	0	0	2	100%
Biology	22	0	0	0	0	2	20	2	9.1%
Economics	12	0	1	0	0	5	6	6	50.0%
English Language	38	4	9	12	8	5	0	38	100%
English Literature	27	0	0	6	9	5	7	20	74.1%
Environmental	8	1	2	1	2	1	1	7	87.5%
European History	11	0	2	6	1	2	0	11	100%
General Paper	20	5	4	6	4	0	1	19	95.0%
Mathematics	37	1	0	1	4	7	24	13	35.1%
Marine Science	2	0	1	0	1	0	0	2	100%
Psychology	11	1	3	2	3	1	1	10	90.9%
Spanish Lang	8	2	4	0	2	0	0	8	100%
Thinking Skills	25	5	10	6	3	0	1	24	96.0%
TOTALS	223	19	36	41	38	28	61	162	72.6%
PERCENTAGES		8.5	16.1	18.4	17.0	12.6	27.4		

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Superintendent
Brevard Public Schools

Ms. Cyndi Van Meter
Associate Superintendent,
Division of Curriculum
and Instruction
Equity Coordinator

Dr. Walter Christy, Director
Office of Secondary Programs

Ms. Pam Treadwell,
Director
ESE Program Support
Services
ADA/Section 504
Coordinator

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Office of Compensation & Benefits

Ms. Joy Salamone, Director
Human Resources Services
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School Board of Brevard County
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Viera, Florida 32940-6699
(321) 631-1911

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