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Profile Report

Broadalbin-Perth High School

Community and School:

- The Broadalbin-Perth Central School District is a result of a 1987 consolidation of two districts and is located 25 miles west of Saratoga Springs and 10 miles north of Amsterdam.
- The district is comprised of a Pre-K, K-2 Primary School, a 3-5 Intermediate School, a 6-8 Middle School, and a 9-12 High School. The district enrollment is 1885 students.
- High School enrollment for the 2011-2012 school year is at 594 students. The school day consists of 8 academic periods. Alternative programs are offered through the Hamilton-Fulton-Montgomery BOCES. All students are enrolled in New York State Regents classes in English, Social Studies, Math and Science.

Class of 2011 Statistics:

The senior class of 2011 graduated 147 students. 88% of the graduates planned to attend higher education.

Class of 2011 Future Plans:

- 26% entered four-year colleges
- 53% entered two-year colleges
- 3% entered technical colleges
- 1% entered Christian colleges
- 12% entered the work force
- 5% entered the military

Testing Program:

NYS Regents Exams, PLAN, PSAT, SAT, and ACT.

Testing Results: Class Mean Scores

	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
SAT Critical Reading	515	514	501	505	496	500
SAT Math	528	529	507	532	510	524
SAT Writing	500	502	479	477	481	472
ACT Composite Average		23	24	24	22	23

42% of the Class of 2011 took the SAT, 26% took the ACT.

Graduation Requirements:

Class of 2011:

4 units of English	1 unit of Art or Music
4 units of Social Studies	1 unit of Foreign Language
3 units of Mathematics	<u>4-5 units (Sequence/Electives)</u>
3 units of Science	2 units of P.E. (4 years)
1/2 unit of Health	22.5 units

Honors Curriculum:

Offered in Science, English, and Math.

Criteria for Honors placement: Course Grades, Regents Examinations, Attendance and Teacher Evaluation.

Acceleration:

This is offered in English, Mathematics, French and Spanish, and is based on individual ability and achievement.

Advanced Course Offerings:

Syracuse University Project Advance—Biology, Psychology, Sociology

State University of New York—English Literature, Spanish

Fulton-Montgomery Community College— English, Pre-Calculus, Calculus, French, C++

Rank in Class:

This is determined as follows:

1. The final marks in grades 9, 10, 11, and mid-year averages in grade 12 are used.
2. Final marks are calculated using the four marking periods, and the mid-term, and the final exam grades. The proportion is as follows: marking periods: 80%; mid-term: 10%; and final exam: 10%.
3. All subjects with numerical grades have been included. Failed courses are included. If a student repeated a subject, the higher mark is used in calculating cumulative average.
4. All students in the class have been included — No differentiation has been made between “college prep” and “non-college prep” students.
5. Half-year and quarter-year courses are proportionally weighted based on credit.

Weighted Grades:

All Honors & College courses are weighted.

Honors courses will be weighted by 1.02 x Final Average.

College courses will be weighted by 1.06 x Final Average.

Explanation of Courses:

ENGLISH: Each year provides further development in the New York State Learning Standards for English

9—Introduction of the literary concepts of the short story, novel, drama and poetry, and preparation for the English Regents exam.

10—11 A deeper study of the concepts listed above.

12—An introduction to expository writing including example, classification, comparison, cause and effect, description, argument, and persuasion papers. Continued study of novel, short story, drama and poetry based on NYS Standards for ELA.

SOCIAL STUDIES:

GLOBAL STUDIES I: The history, geography & religion of the world up until 1800 A.D.

GLOBAL STUDIES II: The history, economics & international relations of the world from 1800 to present.

US HISTORY & GOVERNMENT: A study of the United States in the area of economics, political institutions and traditions, foreign affairs, population patterns and civilization from colonial times to the present.

ECONOMICS: Study of Micro and Macro economics for both United States and global economy.

PARTICIPATION IN GOVERNMENT: The study of local, state and federal governmental structures and the importance of the individual in the political process.

MATHEMATICS:

PRE-ALGEBRA: The first course in the Integrated Algebra curriculum. This course introduces topics in algebra and some geometry.

ALGEBRA: A focus on algebra, with introductions to geometry, logic, probability and statistics. Problem-solving and application are stressed throughout all topics.

GEOMETRY I: The course covers lines, triangles, quadrilaterals, transformations, coordinates plane, perimeter, area, and Pythagorean Theorem with an emphasis on application and guided practice.

GEOMETRY: A focus on geometry and proof, with continued development of algebra, logic, probability, statistics and quadratics.

TRIGONOMETRY I: This course introduces the topics covered in the Algebra II/Trigonometry curriculum.

ALGEBRA II/TRIGONOMETRY: The Algebra Trigonometry curriculum will stress the development of student’s mathematical reasoning ability and develop topics which include trigonometry, advanced algebra, statistics and probability.

PRE-CALCULUS: Advanced topics in algebra, trigonometry, and elementary functions to prepare for the study of calculus. Graphing calculators are used throughout this course. Problem-solving and application are stressed throughout all topics.

CALCULUS: A study of calculus through differential and integral calculus, including the application of both of these concepts. Graphing calculators are used throughout this course.

LAB SCIENCES: Earth Science, Living Environment, Living Environment II, Chemistry & Physics.