



Bethlehem

CENTRAL HIGH SCHOOL

2017-18 PROFILE

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BETHLEHEM CENTRAL SCHOOL DISTRICT

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for Educational Programs*

Mrs. Judith Kehoe
*Chief Business and
Financial Officer*

Ms. Kathleen Johnston
*Director, Special Education
and Student Support Services*

Mr. David Doemel
*Principal, Bethlehem
Central High School*

Mrs. Heather Culnan
*Assistant High
School Principal*

Ms. Nicole Conway
Mr. James Smith
High School Hall Principals

BETHLEHEM CENTRAL HIGH SCHOOL COUNSELING CENTER

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Ms. Gayle Moriarity
Mr. Ryan St. John
Ms. Deborah Zeh
School Counselors

Ms. Mary Dugas
Registrar

ABOUT BETHLEHEM CENTRAL

Located just three miles from Albany, Bethlehem is a suburban community of over 35,000 residents.

The school district serves over 4,500 students in kindergarten through grade 12 in Bethlehem and parts of two neighboring communities. The average class size in the district is 21 students. Bethlehem Central includes five elementary schools, a middle school that serves grades 6 through 8, and a comprehensive 9-12

high school which has an enrollment of 1,608 and an instructional staff of 148 professionals.

Well known throughout the region for exemplary and innovative educational programs, BC is dedicated to preparing students to meet success in the classroom today and in the opportunities they will find tomorrow. Bethlehem's schools have been ranked #1 among Albany area school districts five out of the last

seven years by the *Albany Business Review* and are consistently among the top performing schools in the state. Currently, BCHS is ranked among the Best High Schools in the nation by U.S. News and World Report and is ranked #81 among New York State high schools.

BC enjoys the support of active, involved residents who recognize their schools as the heart of their community.

BETHLEHEM CENTRAL: AT-A-GLANCE

K-12 Enrollment
▶ **4,518**

2017-18 Budget
▶ **\$97,123,000**

Faculty and staff
▶ **879**

KNOWLEDGE, CHARACTER & VALUE

The district's three enduring goals – and its pledge to students and community – are knowledge, character and value.

■ Knowledge

Empowering all students to learn to the best of their ability.

■ Character

Building school culture that promotes integrity, respect, and social responsibility.

■ Value

Delivering high quality programs and services that merit the community's investment.

Bethlehem Central High School

Bethlehem Central High School is a comprehensive 9-12 high school that enjoys local and national recognition for excellence. In addition to academic success, the school emphasizes community building and social, physical and emotional growth. Twenty hours of community service are required of every senior for graduation. Bethlehem Central High School features a wide array of extracurricular activities and organizations, including music and drama programs that are renowned in the community and a full breadth of interscholastic sports.

The 1,608 students self-select from a wide range of curricular offerings including AP and honors courses. The entire curriculum handbook with complete course descriptions is available on our website. The school day consists of eight 43-minute instructional periods.

An innovative "Lab School" is available for students in grades 9-12 seeking a rigorous interdisciplinary program in a "small school" environment. Lab School graduates complete four years of selected units that emphasize math, science, history, english and a world language. The 100 Lab School students complete the mandates for New York State Regents exams. The curriculum demands independent research, a rigorous examination process employing outside evaluators, and a senior year project and internship.

An option for 9th and 10th grade students who would benefit from smaller classes and further skill development is the EXCEL program. It offers interdisciplinary team taught instruction in the four major subject areas.

NYS GRADUATION REQUIREMENTS FOR CLASS OF 2018

Regents Diploma		Advanced Regents Diploma	
English	4 credits	English	4 credits
Social Studies	4 credits	Social Studies	4 credits
Mathematics	3 credits	Mathematics	3 credits
Science	3 credits	Science	3 credits
World Lang.	1 credit	World Lang.	3 credits
Art/Music	1 credit	Art/Music	1 credit
Health	1/2 credit	Health	1/2 credit
Physical Ed.	2 credits	Physical Ed.	2 credits
Electives	3 1/2 credits	Electives	1 1/2 credits

REQUIRED EXAMS (Passing score of 65 and above)

Regents Diploma	Advanced Regents Diploma
English Language Arts	English Language Arts
Common Core Algebra 1	Common Core Algebra 1, Common Core Geometry & Common Core Algebra 2
Global History & Geography	Global History & Geography
U.S. History & Government	U.S. History & Government
One Science Exam	Two Science Exams
Language Checkpoint A	Language Checkpoint B

Advanced Placement and Honors Courses

Students who demonstrate strong ability and motivation may be recommended for honors, AP, or college level courses. Students may also "self-select" for these courses. While the AP exam is required of all those enrolled in an AP course, each year some students elect to take an AP exam without having taken the formal corresponding course.

2017-18 COURSES

AP COURSES

ART

AP Art History
AP Studio Art 2D/3D Design

ENGLISH

AP English (Literature)

MATH

AP Calculus AB
AP Calculus BC
AP Computer Science
AP Statistics

MUSIC

AP Music Theory

SCIENCE

AP Biology
AP Chemistry
AP Physics
AP Environmental Science

SOCIAL STUDIES

AP American History
AP European
AP Macro/Micro Economics
AP Psychology
AP World History

WORLD LANGUAGES

AP French
AP Spanish

HONORS COURSES

ENGLISH

British Literature Honors
English 9 Honors
English 10 Honors
Lab School Humanities Honors

MATH

Honors Algebra II BC
Honors Geometry BC
Honors Pre-Calculus BC

SCIENCE

Honors Earth Science
Honors Biology
Honors Chemistry
Lab School Research 10 Honors
Lab School Research 11 Honors
Lab School Research 12 Honors
Lab School STEM Honors

SOCIAL STUDIES

Global History 9 Honors

WORLD LANGUAGES

Intermediate French Honors
Intermediate Spanish Honors

ADVANCED PLACEMENT EXAMS: Student Performance

In 2017, 467 students took 967 exams; 88% scored 3 or above.

Academic area	SCORE					Written
	5	4	3	2	1	
Art History	4	9	3	0	0	16
Biology	20	24	19	2	0	65
Calculus AB	7	9	20	8	5	49
Calculus BC	12	15	16	11	0	54
Chemistry	8	7	2	2	0	19
Chinese Language	1	0	0	0	0	1
English Language & Composition	0	0	1	0	0	1
English Literature	15	19	28	9	0	71
Environmental Science	14	17	1	8	4	44
European History	0	0	1	0	0	1
French Language	3	6	15	3	0	27
Macroeconomics	17	18	6	1	1	43
Microeconomics	35	35	18	7	2	97
Music Theory	6	0	3	0	1	10
Physics 1	4	17	21	12	3	57
Physics 2	1	2	2	4	0	9
Physics C: Electricity & Magnetism	0	1	0	0	0	1
Physics C: Mechanics	1	5	1	0	0	7
Psychology	30	26	5	2	2	65
Spanish Language	6	13	11	3	0	33
Statistics	27	13	19	3	3	65
United States History	42	39	22	12	1	116
World History	39	47	23	8	0	117

SAT and ACT Score Information

CLASS OF 2017 SAT Score Report	
SAT Scores	Percentage of Students
1400 – 1600	14%
1200 – 1390	45%
1000 – 1190	32%
800 – 990	9%
600 – 790	1%
400 – 590	0%
Overall Mean Scores	
Mean Scores	1219
Mean Reading & Writing Scores	612
Mean Math Scores	607

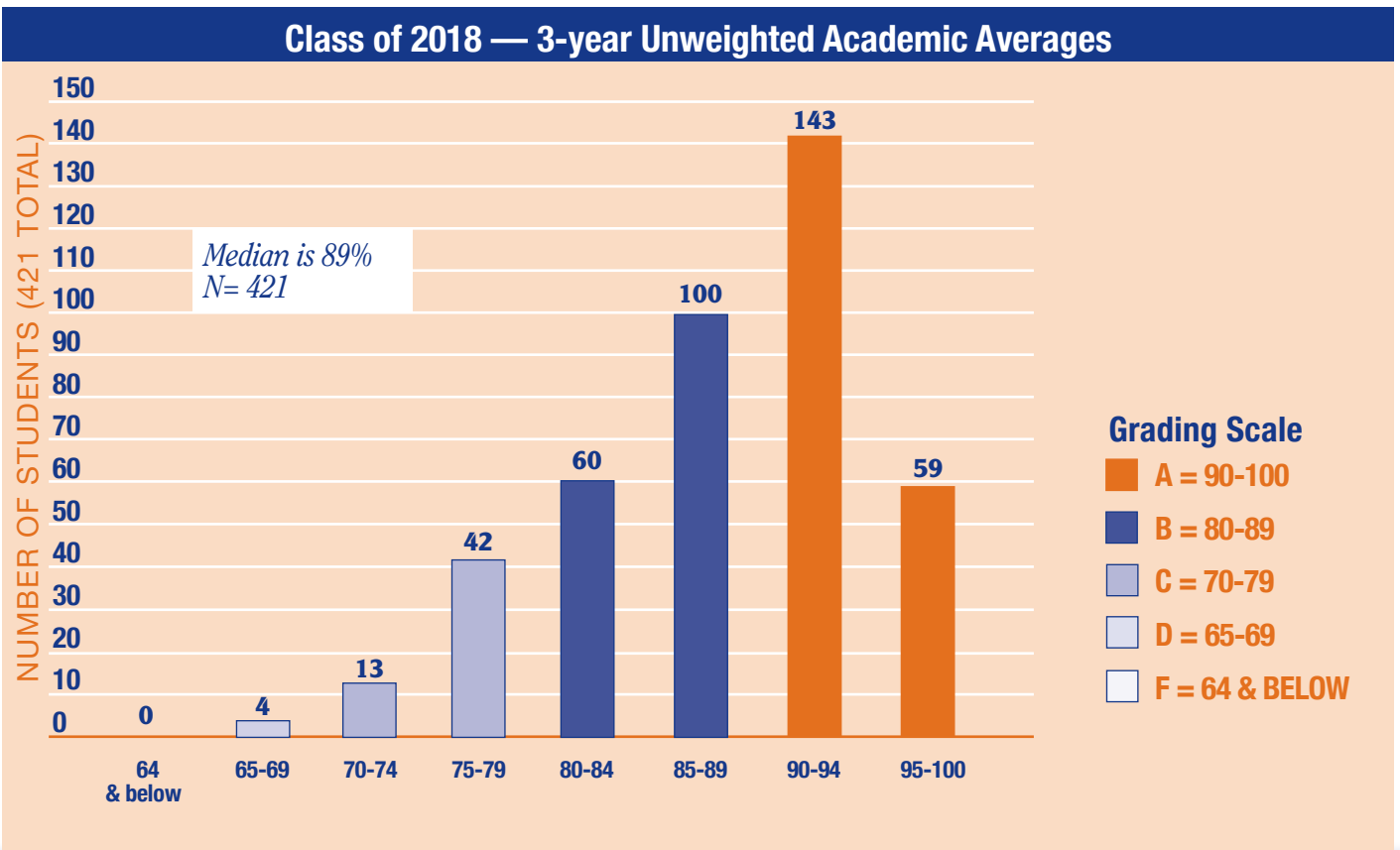
Number Taking SAT = 312

CLASS OF 2017 ACT Score Quartile Values					
QUARTILE	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
75th Percentile =	31	30	32	30	30
50th Percentile =	26	26	28	25	27
25th Percentile =	22	23	23	23	23

Number Taking ACT = 231

BETHLEHEM CENTRAL HIGH SCHOOL	
Class of 2017 Post Graduation Plans	
Four-year college or university	78%
Two-year college	16%
Military, Employment and Other	6%

Class of 2018 Academic Averages



BCHS Student Achievement

BCHS students distinguish themselves on stage and in the visual arts; in the classroom and in extracurricular settings; and through various acts of community service and involvement. Below is a sampling of BCHS students' accomplishments in recent years.

- In the Class of 2018, 6 students are National Merit Scholarship Semifinalists and 15 students have received Letters of Commendation.
- 2017 AP Scholars: 18 National Scholars, 83 Scholars with Distinction, 39 Scholars with Honors, 68 Scholars.
- Science Olympiad: 2017 NYS Qualifiers, State Competition, 16th place overall.
- Science Bowl: 2017 Regional Winner, Competed at Nationals in Washington DC for the third straight year, 16th place in the nation.
- Hispanic Heritage Foundation: National Youth Award Winner 2017.
- Masterminds Academic Competition: 2017 Capital Region Champions; 2017 New York State Champions (5th consecutive year).
- National Language Exams: French, gold and silver medalists; Latin, gold, silver and bronze medalists; Spanish, gold, silver, bronze medalists.
- SIFMA Foundation: Stock Market Game, 3rd place and a 33% rate of return.
- 2017 New York Econ Challenge: 3rd place New York State.
- NYS FED Challenge: Semi-finalists.
- 5 NYSSMA 2017 Conference All-State Musicians.
- INTEL - Greater Capital Region Science and Engineering Fair 2017: Special Award Winner.
- NASA's Mars Medical Challenge 2017 Finalist.
- BCBS State 700 Spring Musical The Wizard of Oz won first Regional Theater Award for Best Student Orchestra.
- 2017 Capital Region & FMCC High School Regional Art 1st Place Winners; 2017 Delmar Progress Club Art Competition Winners & State Championship Winners; 2017 Capital Region Media Arts Festival Award Film & Photography Winners; 2017 NYSATA Art Show selections for The Legislative Art Show & The NYSSBA Art Show; 2017 Congressional Art Competition Awards.

Colleges and Universities accepting Bethlehem Central High School Graduates

The 2015-2017 graduates were accepted to over 350 colleges including:

Alfred University	Emory University	Mt. Holyoke College	Stetson University
American University	Endicott College	The New England Conservatory of Music	Stonehill College
Arizona State University	Fairfield University	University of New Hampshire	Suffolk University
Bard College	University of Florida	New York University	SUNY Albany
Bates College	Fordham University	University of North Carolina, Chapel Hill	Binghamton
Bentley University	Franklin and Marshall College	North Carolina State University	Brockport
Berklee College of Music	George Mason University	Northeastern University	Buffalo
Boston College	George Washington University	Northwestern University	Buffalo State
Boston University	Georgetown University	University of Notre Dame	ESF
Bowdoin College	Georgia Institute of Technology	Oberlin College	Fashion Institute of Technology
Brandeis University	Gettysburg College	Old Dominion University	Fredonia
Brigham Young University	Hamilton College	University of Pennsylvania	Geneseo
Brown University	Hartwick College	Pennsylvania State University	New Paltz
Bryn Mawr College	Harvard University	University of Pittsburgh	Oneonta
Bucknell University	Harvey Mudd College	Pratt Institute	Oswego
UC Berkeley	Haverford College	Princeton University	Plattsburgh
UC Davis	Hawaii Pacific University	Providence College	Polytechnic Institute
UCLA	High Point University	Purdue University	Potsdam
UC Santa Barbara	Hobart and William Smith Colleges	Quinnipiac University	Purchase
California Institute of Technology	Hofstra University	Rensselaer Polytechnic Institute	Stony Brook
Carleton University	College of the Holy Cross	University of Rhode Island	Swarthmore College
Carnegie Mellon University	Hudson Valley Community College	Rhode Island School of Design	Syracuse University
Case Western Reserve University	Ithaca College	Rice University	University of Tampa
Catholic University	Johns Hopkins University	University of Richmond	Temple University
Champlain College	Julliard School	University of Rochester	Trinity College
University of Chicago	Lafayette College	Roger Williams University	Tufts University
Clark University	Lehigh University	Rutgers University	Tulane University
Clarkson University	LeMoyne College	Sacred Heart University	Union College
Clemson University	Loyola University-Maryland	Sage Colleges	Vanderbilt University
Colby College	University of Maine	Salve Regina University	Vassar College
Colgate University	Manhattan College	Savannah College of Art & Design	University of Vermont
University of Colorado	Manhattan School of Music	Schenectady Community College	Villanova University
Columbia University	Maria College	School of Visual Arts	University of Virginia
University of Connecticut	Marist College	University of Scranton	Wake Forest University
Connecticut College	University of Maryland, College Park	Siena College	Washington University in St. Louis
Cornell University	University of Massachusetts, Amherst	Skidmore College	Wellesley College
Culinary Institute of America	Massachusetts College of Liberal Arts	Smith College	Wentworth Institute of Technology
Dartmouth College	Massachusetts College of Pharmacy	University of South Carolina	Wesleyan University
University of Delaware	Massachusetts Institute of Technology	University of Southern California	Western New England University
Dickinson College	McDaniel College	Springfield College	Williams College
Duke University	McGill University	St. Bonaventure University	University of Wisconsin, Madison
Eastman School of Music	University of Miami	St. John Fisher College	College of William & Mary
Eckerd College	University of Michigan	St. John's University	Worcester Polytechnic Institute
Elon University	Michigan State University	St. Lawrence University	Yale University
Emerson College	Middlebury College	College of St. Rose	