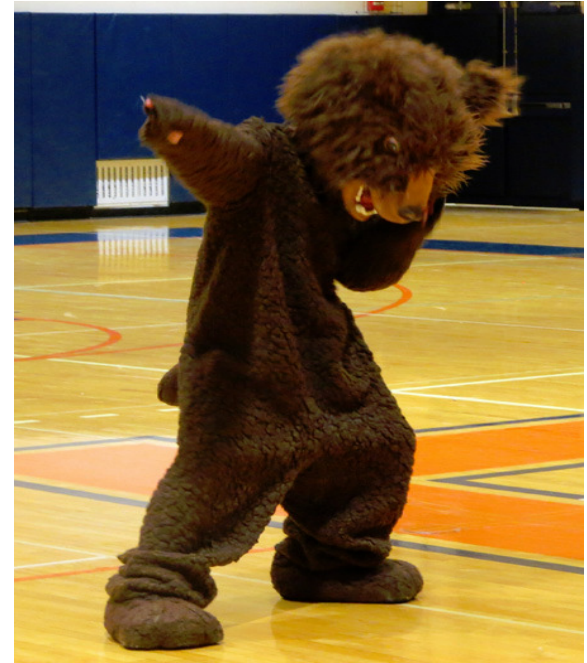


Briarcliff High School 2015 *Program Review & Longitudinal Achievement Results for Pocantico Students*



Andres Sanchez-Class of 2016

*Debora French, Principal
Daniel Murphy, Assistant Principal
November 17, 2015*

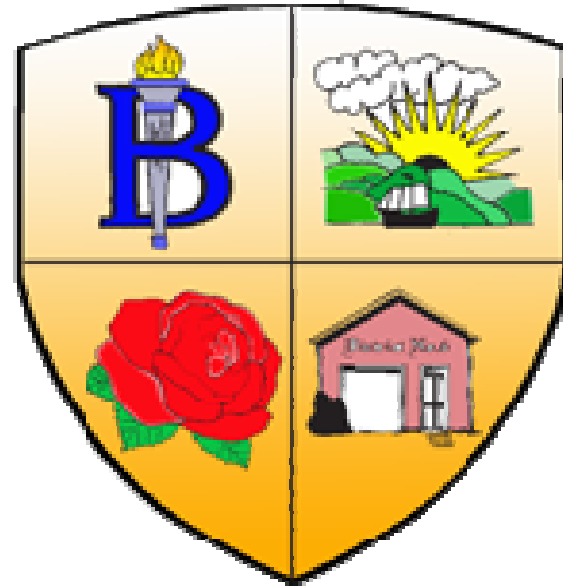
BRIARCLIFF HIGH SCHOOL

PROGRAM & CURRICULUM OVERVIEW



ACADEMICS AT BRIARCLIFF HIGH SCHOOL

- 138 Different Course Offerings
- Advanced Courses
 - 21 Advanced Placement Courses
 - 34 College Accredited Courses
 - 12 Honors Level Courses
- Briarcliff Manor Science Research Program
- Special Services and Support Resources
- Briarcliff 2.0 & Innovative Designs for Education (IDE)
- Transitional Advisory Program (TAP)
- Senior Internship Program



Average class size ratio in content subject areas is approximately 19:1

138 DIFFERENT COURSE OFFERINGS

Public Speaking



Electronic Music



Science Research



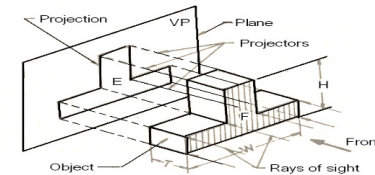
Marine Biology



Sports Management

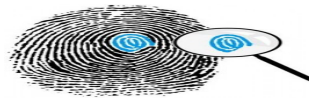


Engineering



Computer Science

Forensic Science



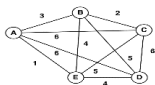
Mandarin Chinese



Sculpture/Ceramics



Discrete Math



Latin



Sociology



What is an AP Course?

What is a College Accredited Course?



Advanced Placement (AP)

- **Advanced Placement (AP)** is a series of subject courses created by the College Board which offers college-level content and examinations to high school students.
- American colleges and universities often grant placement either credit or advanced standing to students who obtain high scores on the examinations.
- Course syllabi follows College Board requirements and must be approved by the College Board Audit Board.

College Accredited Course (SUNY)

- SUNY Courses are designed to provide students with an entry level college experience. Students enrolled in these courses are eligible to receive State University of New York credit through the University of Albany (UHS) or Westchester Community College (ACE).
- Most private colleges and universities will accept SUNY courses for credit or advanced standing.
- BHS (SUNY) teachers must be approved as teaching adjuncts by SUNY Albany or WCC.

21 ADVANCED PLACEMENT COURSES

- **ENGLISH**

AP Language & Comp
AP Literature & Comp

- **MATH**

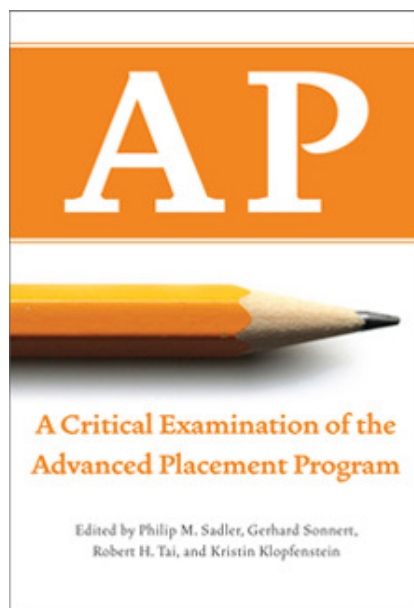
AP Calculus AB
AP Calculus BC
AP Statistics

- **SCIENCE**

AP Biology
AP Chemistry
AP Environmental Science
AP Physics 1
AP Physics 2

- **SOCIAL STUDIES**

AP European History
AP World History
AP American History
AP US Government & Politics
AP Macroeconomics
AP Human Geography



- **TECHNOLOGY**

AP Computer Science

- **VISUAL ARTS**

AP Studio Art – Drawing Portfolio or 2-D Design Portfolio

- **PERFORMING ARTS**

AP Music Theory

- **WORLD LANGUAGE**

AP College French
AP College Spanish

34 COLLEGE ACCREDITED COURSES

ENGLISH	SUNY COLLEGE CREDITS
AP Language & Composition (SUNY-UHS)	3
AP Literature & Composition (SUNY-UHS)	3
College English 12 (SUNY-UHS)	3
College Composition & Literature I (SUNY-UHS)	3
College English 11 H (SUNY-UHS)	3
College Introduction to Film/Digital Editing (SUNY-ACE)	3
College Introduction to Theater (SUNY-ACE)	3
College Write Out Loud (SUNY-ACE)	3
VISUAL ARTS	
AP Studio Art Drawing & Painting (SUNY-ACE)	2
College Beginning Painting (SUNY-ACE)	2

MATHEMATICS	SUNY COLLEGE CREDITS
AP Calculus AB (SUNY-ACE)	8
AP Calculus BC (SUNY-ACE)	8
College Calculus I (SUNY-ACE)	3
College Algebra with Trigonometry (SUNY-ACE)	3
College Personal Finance (SUNY-ACE)	3
College Pre-Calculus/College Pre-Calculus H (SUNY-ACE)	3
PHYSICAL EDUCATION	
Sports Management/First Responder/CPR (SUNY-ACE)	3

34 COLLEGE ACCREDITED COURSES

SCIENCE	SUNY COLLEGE CREDITS
AP Physics-1 and 2 (SUNY-ACE)	8
College Forensic Science (SUNY-UHS)	4
College Social Science/Science Research (SUNY-UHS)	Maximum 12
Grades 10,11,12	
SOCIAL STUDIES	
College Introduction to Psychology (SUNY-UHS)	3
PERFORMING ARTS	
AP Music Theory II (SUNY-ACE)	3
College Music Theory I (SUNY-ACE)	3
College Dance Movement (SUNY-ACE)	1
College Band Ensemble I & II (SUNY-ACE)	2
College Orchestra Ensemble I & II (SUNY-ACE)	1
College Chorus Ensemble I & II (SUNY-ACE)	2

[illegible]

FINANCIAL ADVANTAGES OF SUNY CREDITS



SUNY College Course Costs

Westchester Community College

\$59.67 per credit

(compared to \$179.00)



University of Albany, SUNY

\$150.00 per credit

(compared to \$270.00)

Free & Reduced Students: \$75.00 per course

All additional fees are waived

Full time tuition – 12 credits

Westchester Community College

\$2,583.00

BHS/Pocantico student in the ACE program

\$716.00

University of Albany

\$4,986.00

BHS/Pocantico student in the UHS program

\$1,800.00



12 HONORS LEVEL COURSES



- **ENGLISH**

- College English 11 H
- College English 12 H

- **MATH**

- Algebra II H (CC)
- College Pre-Calculus H
- Geometry H

- **SCIENCE**

- Living Environment/Biology H
- Physical Setting/Chemistry H

- **SOCIAL STUDIES**

- Global History & Geography I H
- Global History & Geography II H
- Sociology H

- **WORLD LANGUAGE**

- French III H
- Spanish III H

BRIARCLIFF MANOR SCIENCE RESEARCH PROGRAM



Westchester Science &
Engineering Fair
March 2015
Pocantico Student
Award Winners

Best in Category
Award 4th Place

Ricoh
Sustainable
Energy Award

Mianus River
Gorge Ecology
Award

Environmental
Perspiration
Award

SPECIAL SERVICES AND SUPPORT

- Extended Courses (Offered in Math, Science and World Language)
- Collaborative Courses (English, Social Studies, Math, Science)
- Resource Rooms
- Math Lab (8 periods/day staffed with certified Math teacher)
- Writing Lab (8 periods/day staffed with certified English teacher)
- DataMate: Program which permits teachers to analyze state assessments for individual students, classes, or cohorts. Assists in informing the RTI Team to align support plans.
- RTI Team (Weekly meeting with counselors, administrators, psychologist, social worker, student assistance counselor)



BRIARCLIFF 2.0

INNOVATIVE DESIGNS FOR EDUCATION IDE



Briarcliff Summer Institute 2015

“The smartest person in the room is no longer the person in front of the room, it’s the room! Access is more than content, its people - there is no gatekeeper or hierarchy.”

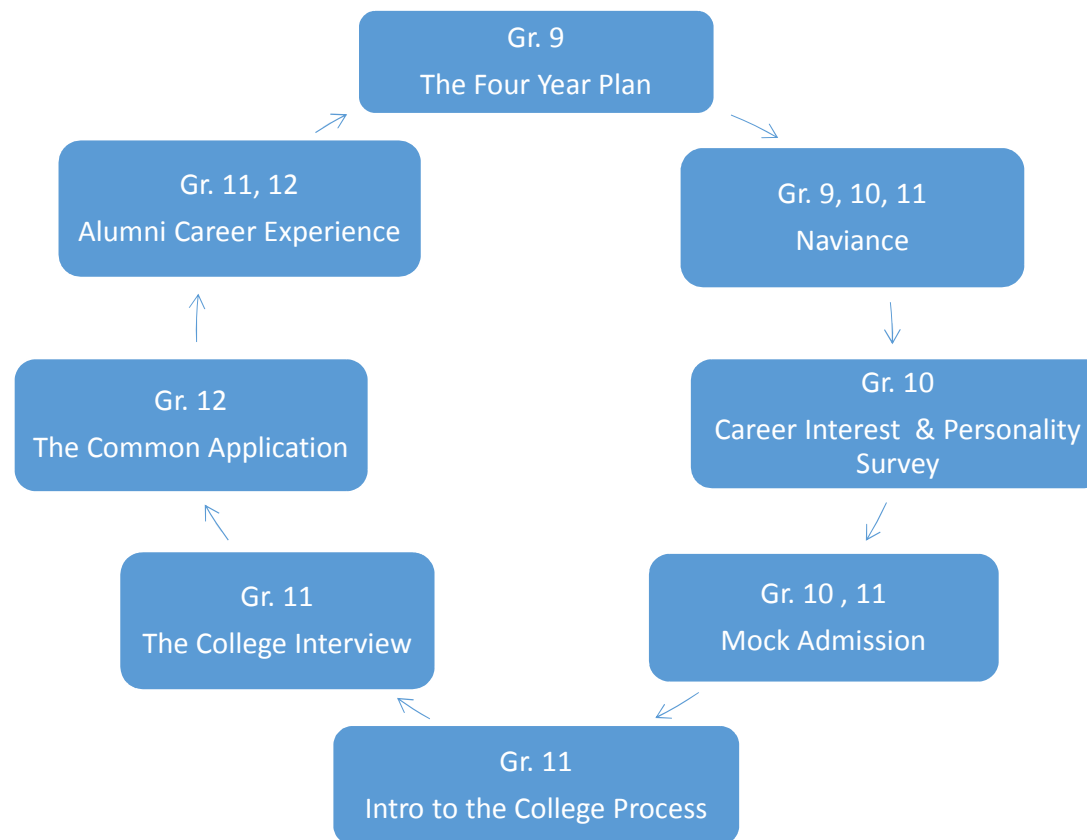
Angela Maiers “Getting TECH Right”

Multi-year Professional Development Program to design learner-active, technology-infused classrooms to foster:

- Engagement
- Academic Rigor
- Student Responsibility
- Problem-Based Learning Units with CCSS alignment

TRANSITIONAL ADVISORY PROGRAM (TAP)

Counseling Department



BHS SENIOR INTERNSHIP PROGRAM

Philosophy & Goals

"Go confidently in the direction of your dreams! Live the life you've imagined."
- Henry David Thoreau

BHS Senior Internship Program

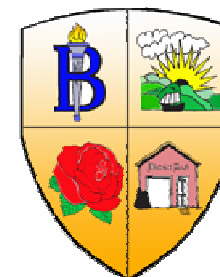
Seniors at BHS have an opportunity to participate in an experiential program. During second semester, seniors can create an internship with a sponsor in a specific field or develop a project connected to a special interest. The program provides students with meaningful educational opportunities and growth beyond the traditional classroom.



BRIARCLIFF H.S. POCONTICO ENROLLMENT

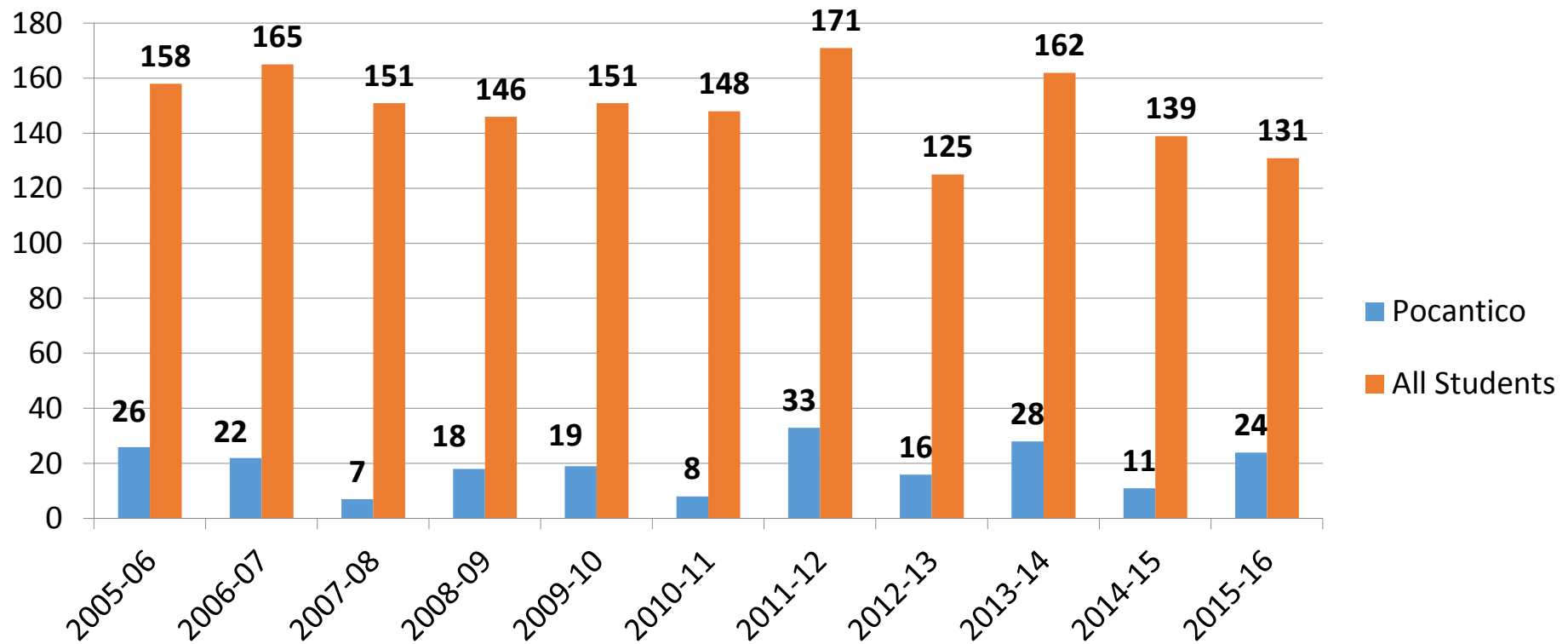


BRIARCLIFF H.S. ENROLLMENT

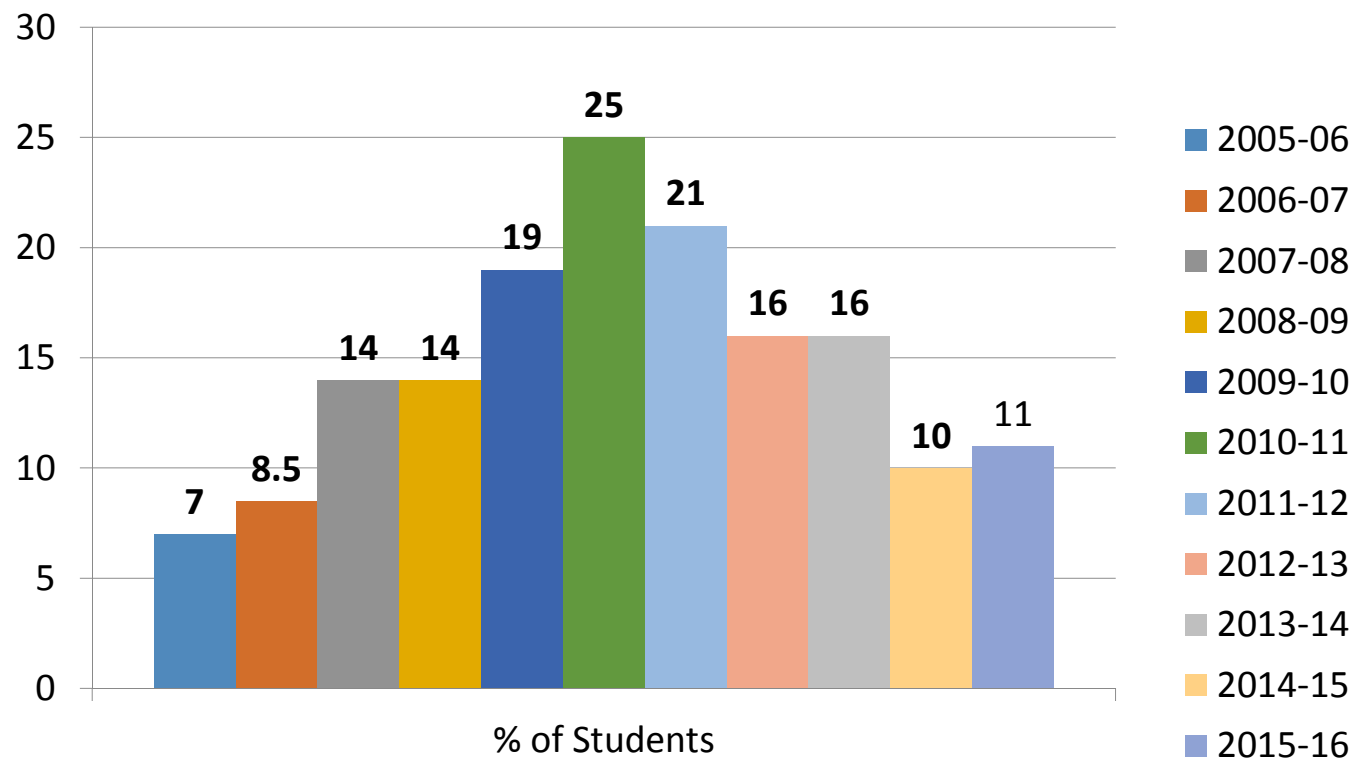


- **2010-11**
 - 591 students enrolled
 - 63 Pocantico students
 - 14 Special Education (22%)
 - 8 Students with 504 accommodations (13%)
- **2011-12**
 - 606 students enrolled
 - 88 Pocantico students
 - 18 Special Education (20%)
 - 7 Students with 504 accommodations (8%)
- **2012-13**
 - 552 students enrolled
 - 75 Pocantico students
 - 13 Special Education (17%)
 - 8 Students with 504 accommodations (11%)
- **2013-14**
 - 587 students enrolled
 - 81 Pocantico students
 - 14 Special Education (17%)
 - 8 students with 504 accommodations (10%)
- **2014-15**
 - 600 students enrolled
 - 84 Pocantico students
 - 11 Special Education (13%)
 - 9 students with 504 accommodations (11%)
- **2015-16**
 - 561 students enrolled
 - 86 Pocantico students
 - 12 Special Education (14%)
 - 5 Students with 504 accommodations (6%)

B.H.S. ENROLLMENT GRADE 9: 2006-2016



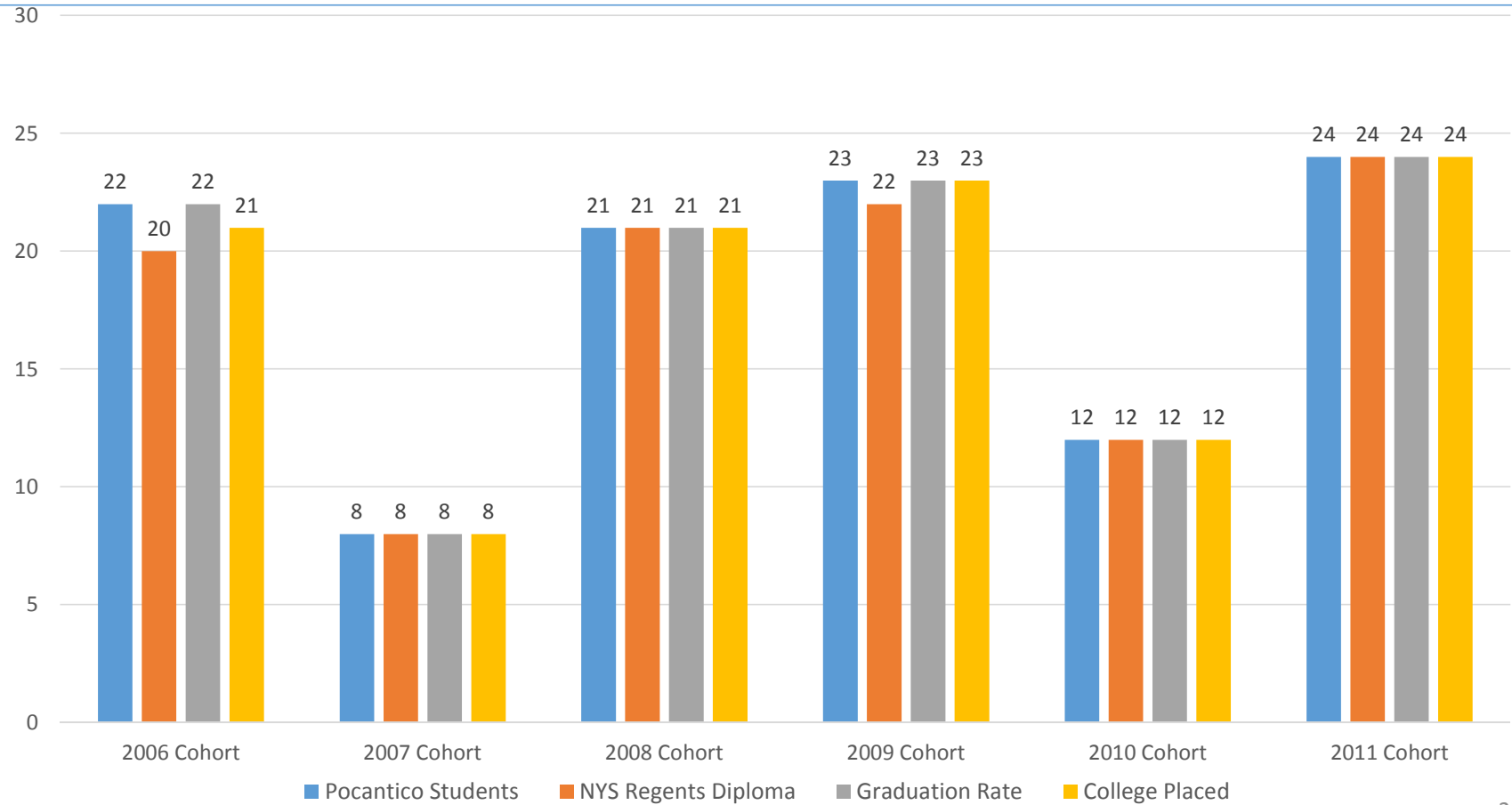
Percentage of Pocantico Students on Free or Reduced Lunch 2006-2016



BRIARCLIFF H.S. POCANTICO STUDENT ACADEMIC ACHIEVEMENT



POCANTICO GRADUATION COHORTS 2006-2011



POCANTICO STUDENT ENGAGEMENT CLASS OF 2015

- 100% of students exceeded the State Requirement in Mathematics.
- 92% of students exceeded the State Requirement in Science.
- 92% of students took at least four years of World Language.
- 79% of students took five or more years of World Language.



100% of Pocantico students were placed in a college program. 22 students were accepted into a four year college or university, and 2 students were accepted into two year college programs.

POCANTICO CLASS OF 2015 COLLEGE COURSE SNAPSHOT

Freshman Year

Music Theory I

Sophomore Year

Band Ensemble I

College Spanish

Music Theory I & II

Science Research

Junior Year

Algebra with Trigonometry

Band Ensemble I & II

Chorus Ensemble I & II

Dance Movement

English 11 Honors

French I

Introduction to Theater

Music Theory I & II

Personal Finance

Pre-Calculus

Science Research

Spanish I

Sports Management/First Responder/CPR

Senior Year

Algebra with Trigonometry

AP Calculus AB

AP Calculus BC

AP Language & Composition

AP Literature & Composition

AP French II

AP Physics

AP Spanish II

Band Ensemble I & II

Calculus I

Chorus Ensemble I & II

Composition & Literature

Dance Movement

Forensic Science

Spanish II

Orchestra Ensemble I & II

Personal Finance

Pre-Calculus

Science Research

Spanish I

Spanish II

Sports Management/First Responder/CPR

Introduction to Psychology

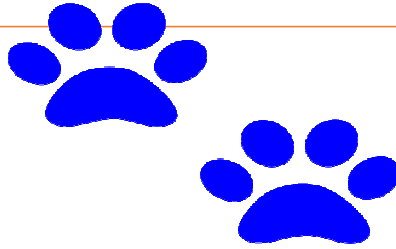
Introduction to Sociology

Literary Forms



- *Any BHS student demonstrating need of financial support for college accredited courses or SAT/ACT Prep weekends receives tuition assistance from the Briarcliff HS PTA.*

CLASS OF 2015



CLASS OF 2016

- 23 out of 25 Pocantico students took 127 college courses
- 5.1 college courses per student

- Opportunity to earn 425 college credits
- Average of 17 credits per student

- 19 out of 19 Pocantico students are taking 89 college courses
- 4.7 college courses per student

- Opportunity to earn 290 college credits
- Average of 15.3 credits per student

POCANTICO STUDENT ACADEMIC AWARDS

- *2015 Rensselaer Medal Scholarship Winner for Excellence in Math and Science*
- *2015 Principal's Book Award Winner for Academic Excellence, Outstanding Citizenship and Community Service*
- *2015 ACE Program Convocation Award Winner*
- *In the class of 2015, Pocantico students received approximately \$493,500.00 in scholarships and grants from the colleges/universities to which they were accepted.*
- *From 2010-2015, 6 Pocantico students have been recruited to college through the NCAA.*
- *National Merit Finalist/Commended Scholars:*

Class of 2014: 2 Commended Students

Class of 2015: 2 Commended Students

Class of 2016: 1 Finalist, 1 Hispanic Scholar



COLLEGE ACCEPTANCES FOR POCANTICO STUDENTS 2011-2015



POCANTICO STUDENT COLLEGE ACCEPTANCES 2011-2015



American International College

Bentley University

Berklee College of Music

Binghamton University

Boston College

Boston University

Bucknell University

College of New Rochelle

College of William and Mary

Cooper Union

Drexel University

Fairfield University

Florida Atlantic University

Herkimer County Community College

Hunter College of the CUNY

Iona College

Johnson & Wales University

La Salle University

Lynn University

Manhattan College

Mercy College

Muhlenberg College

Newbury College

Northeastern University

Onondaga Community College

Quinnipiac University

Rensselaer Polytechnic Institute

Rhode Island College

Rochester Institute of Technology

St. John's University

State University of New York at Albany

State University of New York at New Paltz

Stony Brook University

SUNY at Farmingdale

SUNY College at Geneseo

SUNY Oswego

Syracuse University

The New School

Tompkins Cortland Community College

Towson University

Union College

United States Military Academy

University at Buffalo

University of Chicago

University of Hartford

University of Maryland, College Park

University of Massachusetts, Amherst

University of Pennsylvania

University of Rochester

University of South Carolina

Washington University in St. Louis

Westchester Community College

Williams College

Worcester Polytechnic Institute

POCANTICO SENIOR INTERNSHIP PLACEMENTS 2010-2015

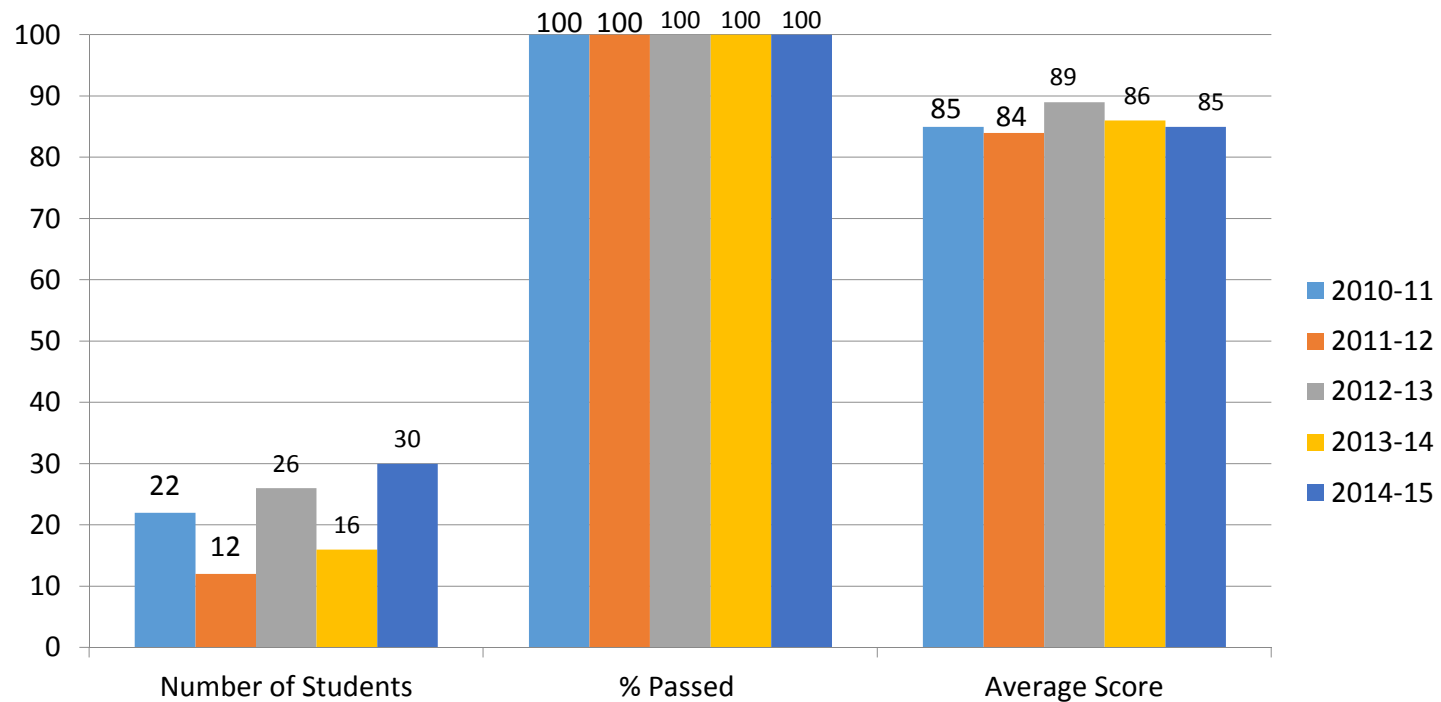
- Greenburgh Community Center
- Riverside Healthcare
- Alpine Physical Therapy
- Eastern FC Sports Center
- Lanza Learning Center
- T3 Trading
- East Coast Panthers Development Team
- Beech Hill Farms
- Westchester County Board of Legislators
- Bobbysue's Nuts
- Simonetti Inc.
- Briarcliff Physical Education Dept.
- BHS Math Dept.
- BHS Science Dept.
- MSA Advertising & Public Relations
- Todd Elementary School
- BMW Dealership
- Westchester Skating Academy
- US Congresswoman Nita Lowey's Office
- Gilder Lehman Institute of American History
- Columbia University
- Maura Bohan Event Planning
- Digestive Disease & Nutrition Program
- STAR: OT/PT
- Greenburgh Nature Center C-4 Training
- Stephen Stipelman Designs
- Amy Food Center
- Albert Einstein College of Medicine
Westchester Medical Center



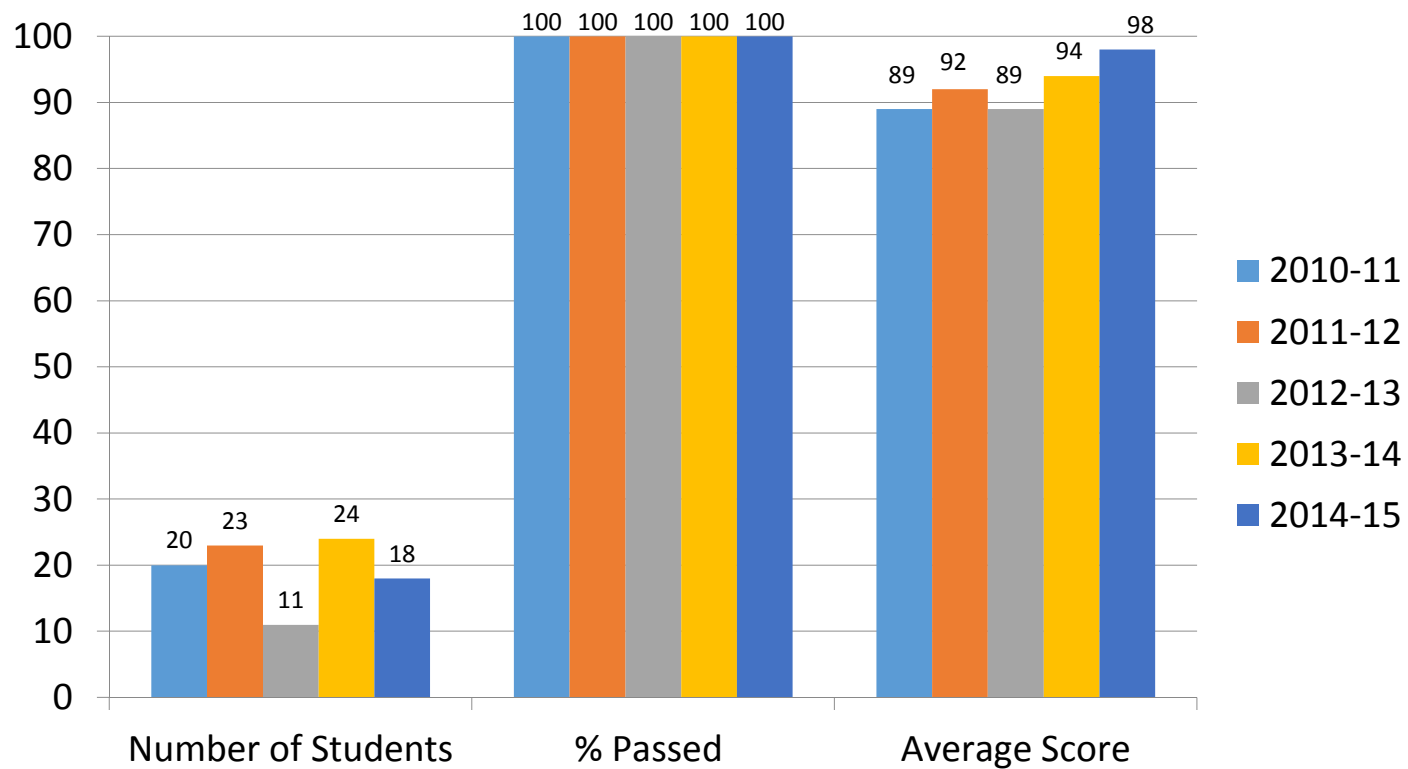
NEW YORK STATE REGENTS RESULTS FOR POCANTICO STUDENTS



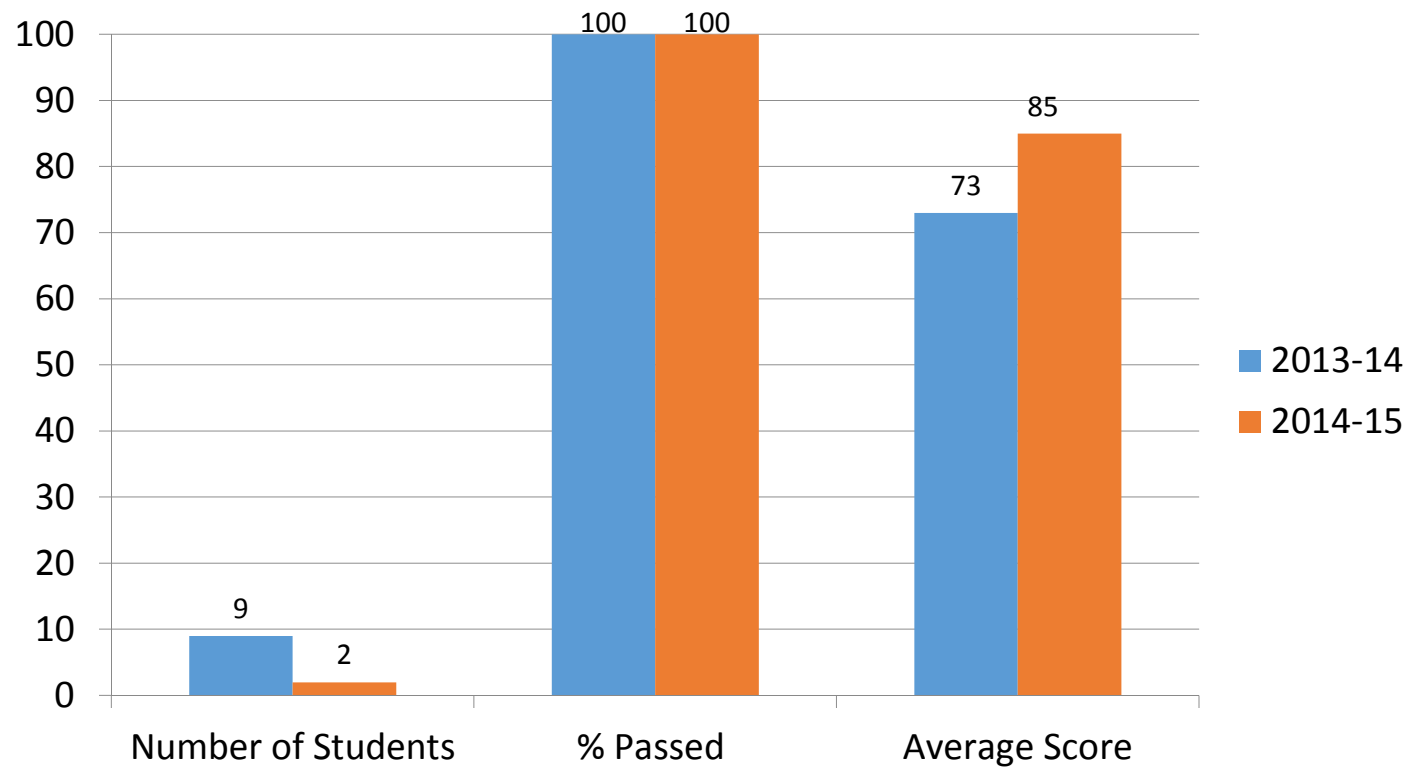
Global History and Geography 2011-2015



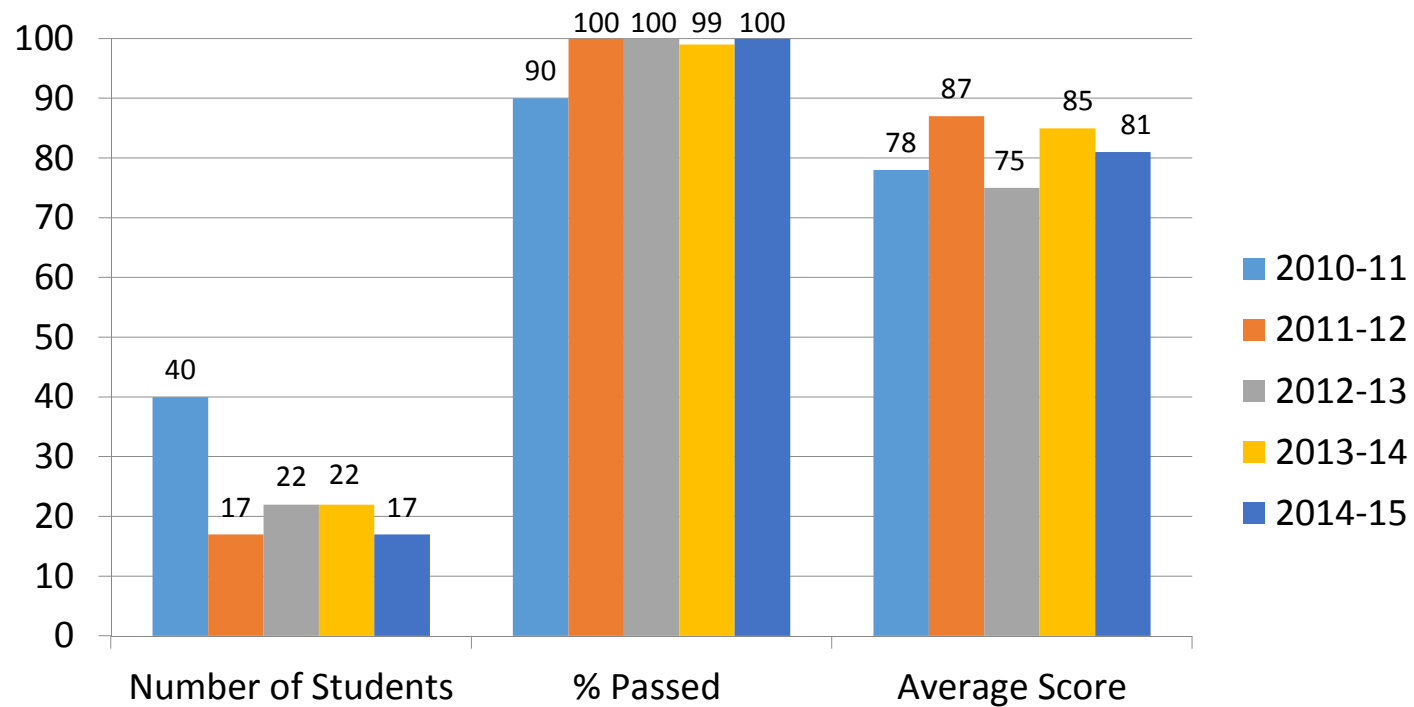
United States History 2011-2015



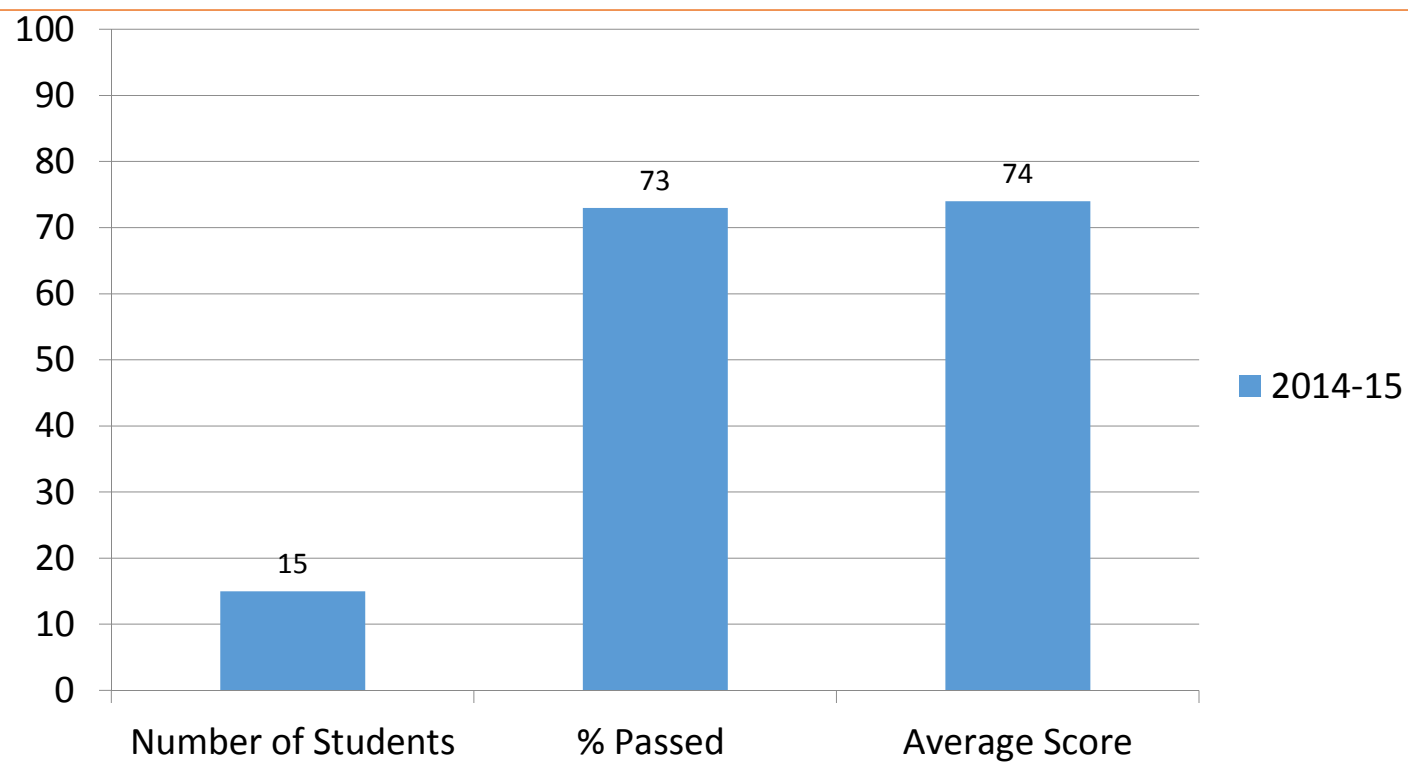
Algebra I Common Core 2014-2015



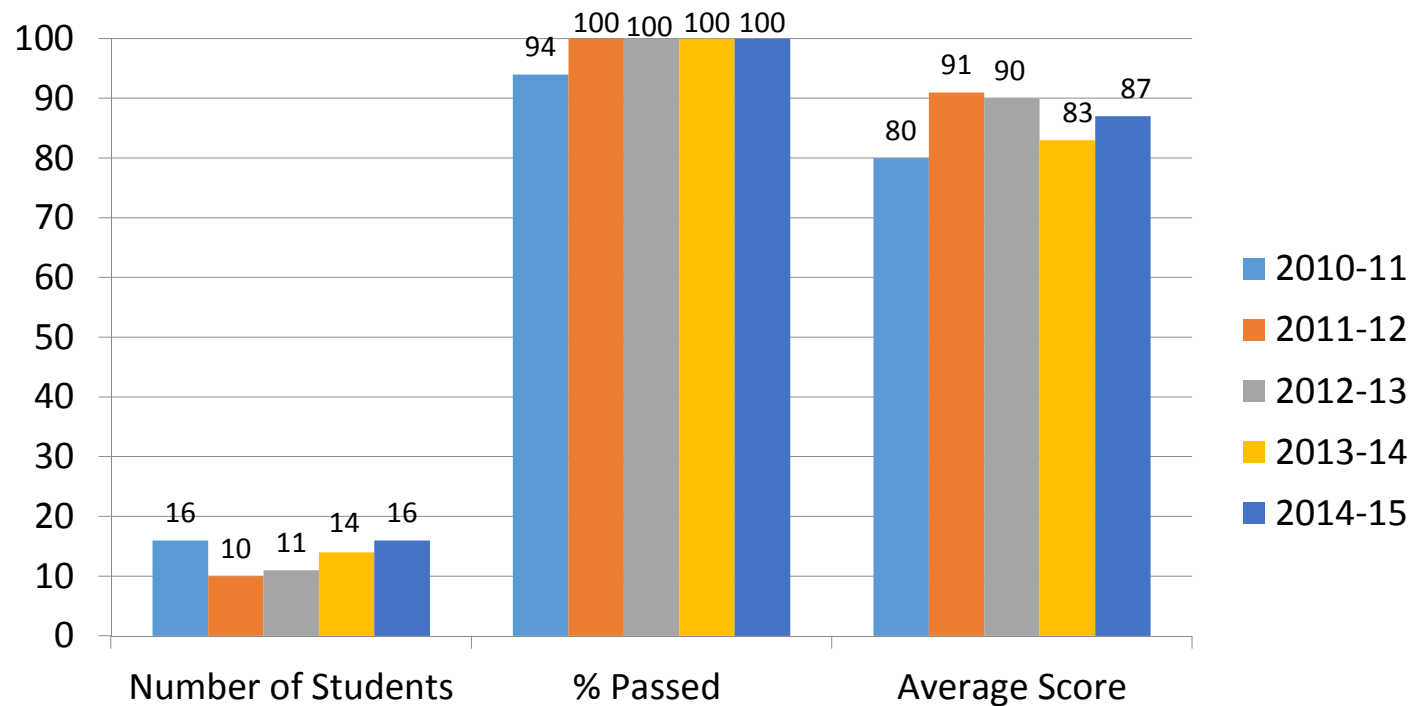
Geometry 2011-2015



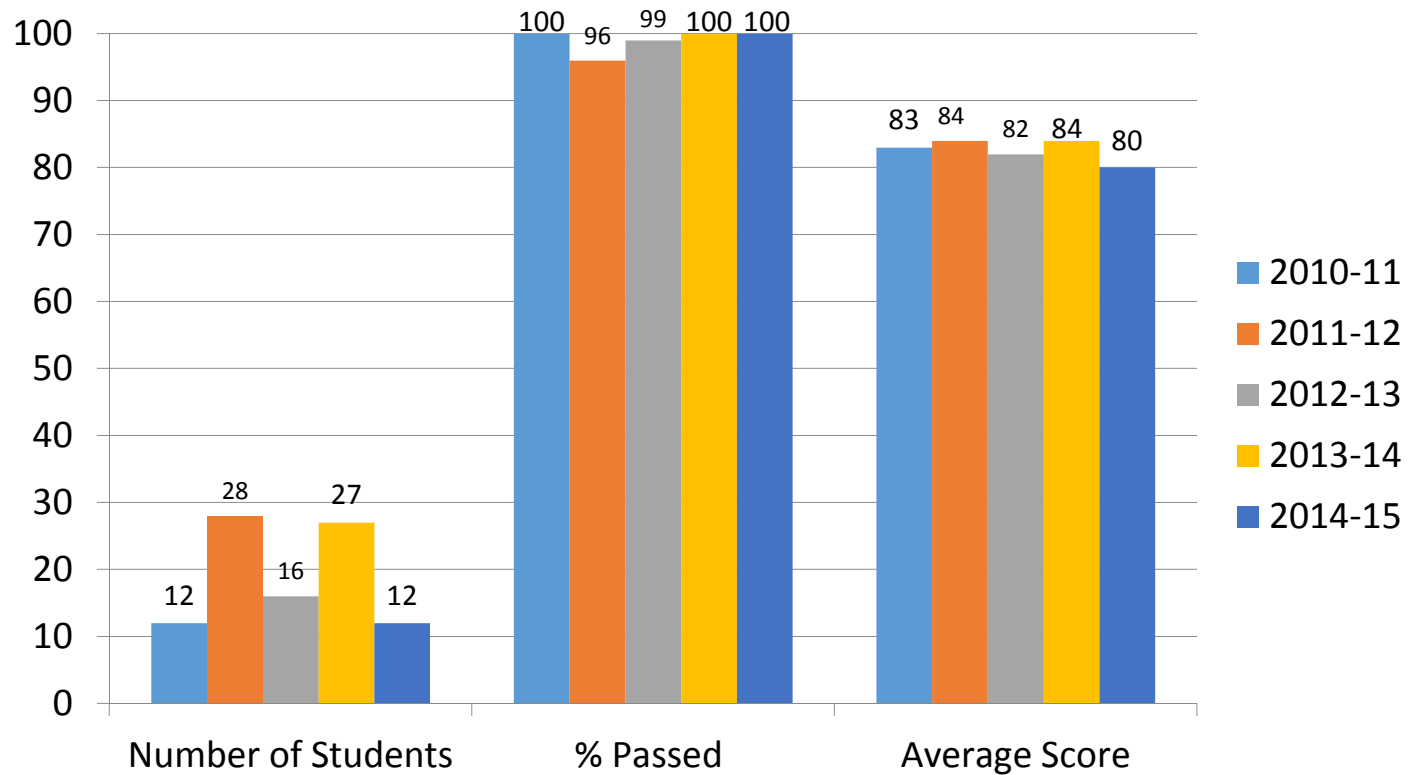
Geometry Common Core 2015



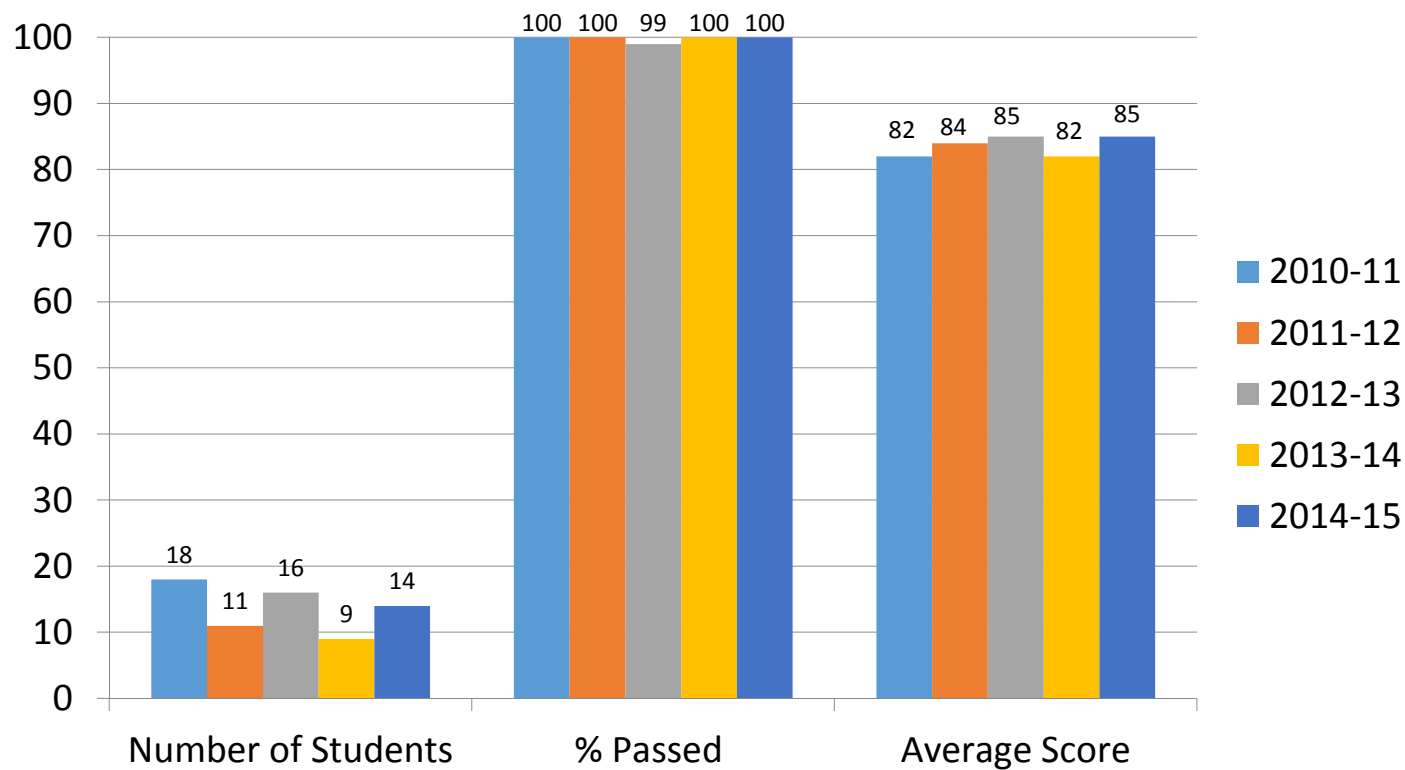
Algebra II Trigonometry 2011-2015



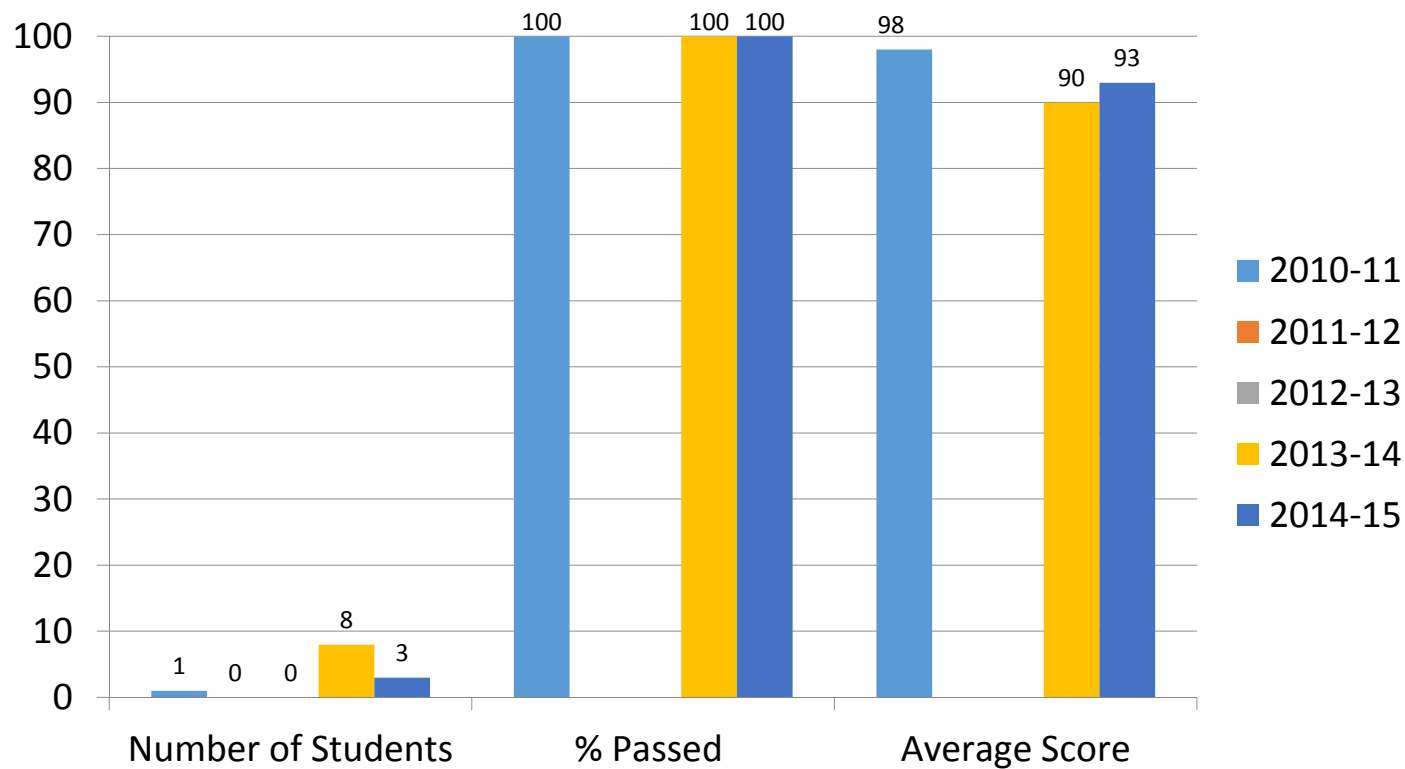
Living Environment, Biology 2011-2015



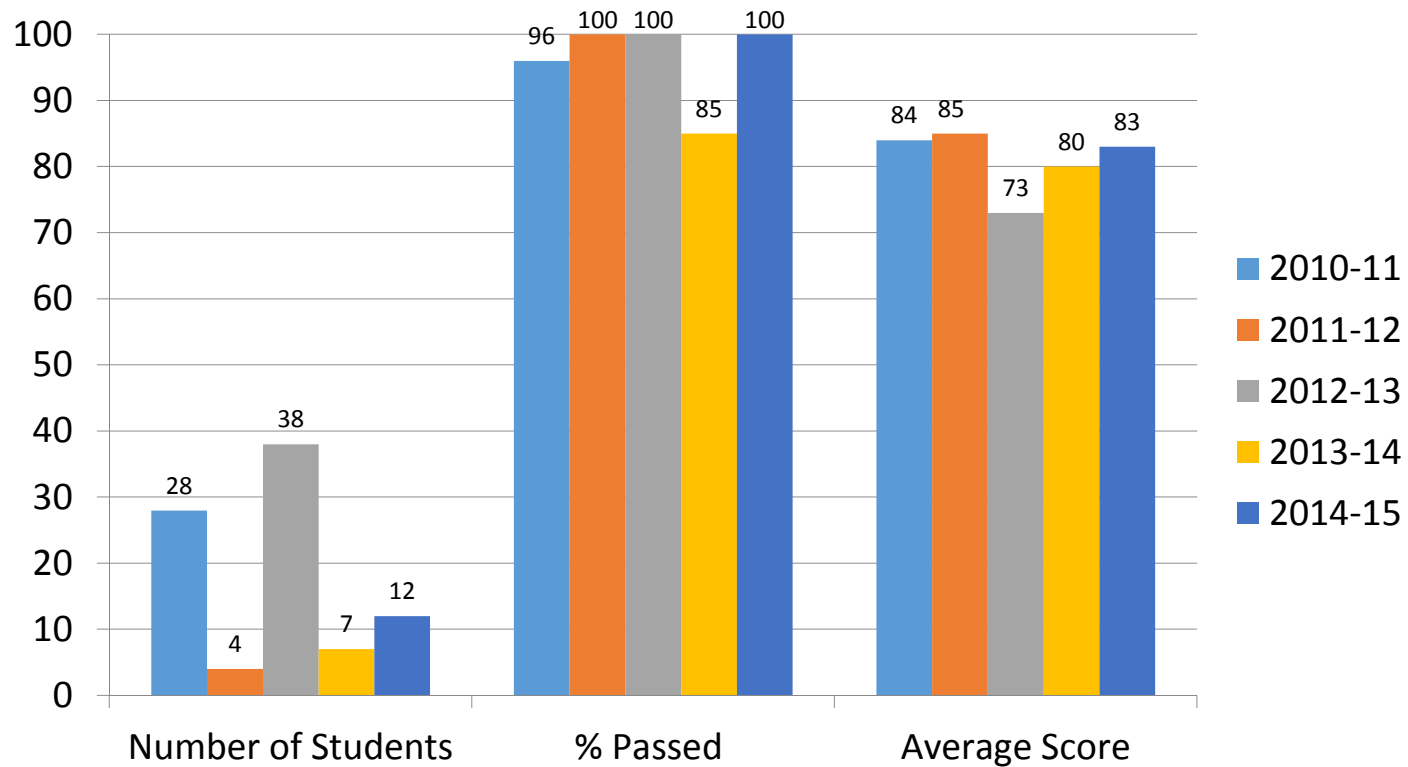
Physical Setting, Chemistry 2011-2015



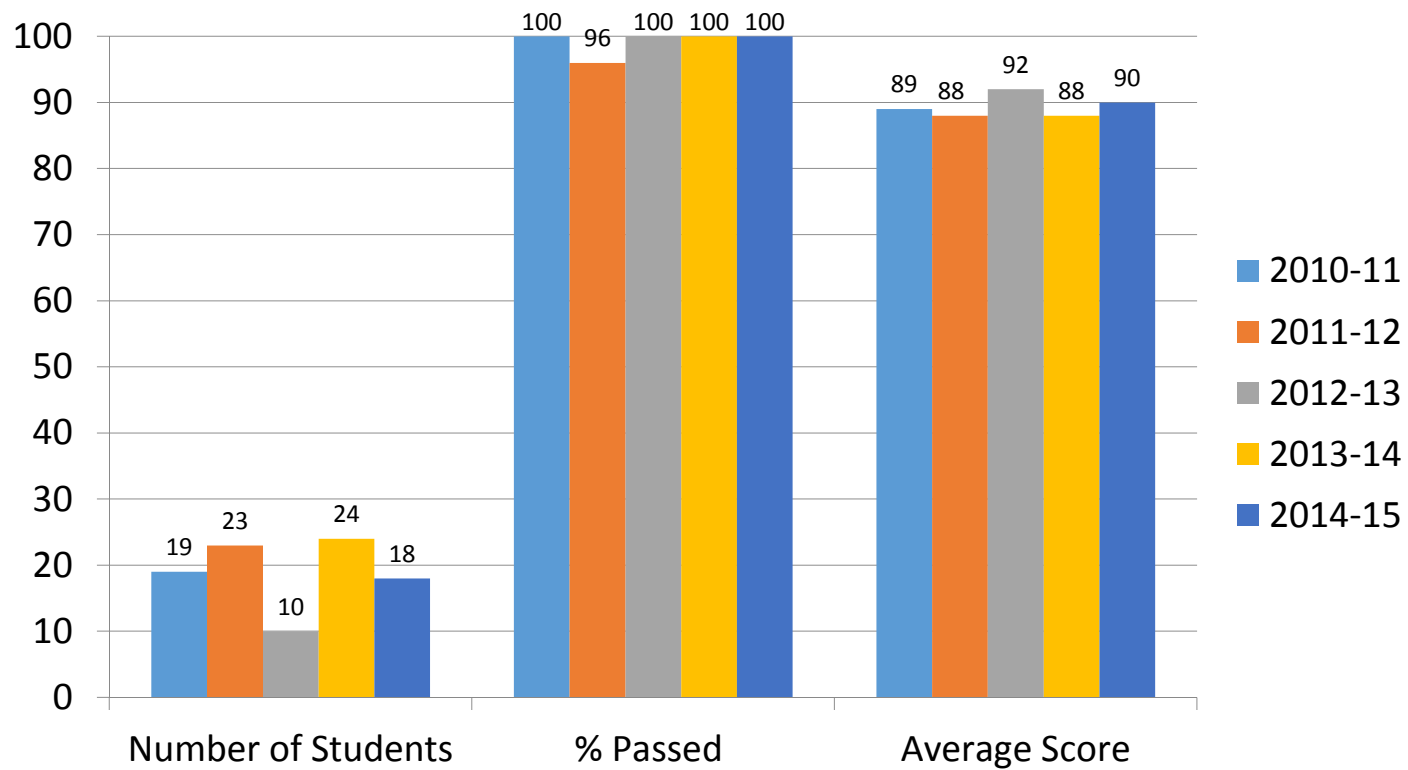
Physical Setting, Physics 2011-2015



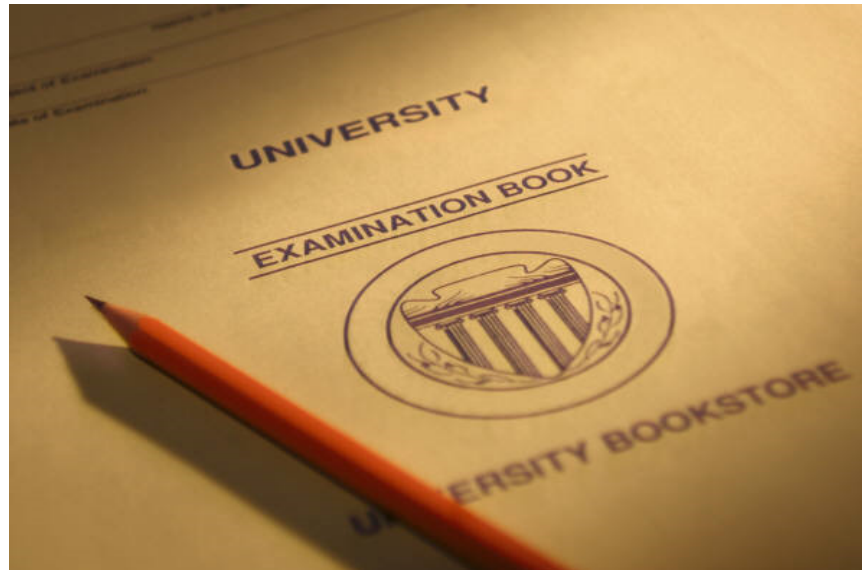
Physical Setting, Earth Science 2011-2015



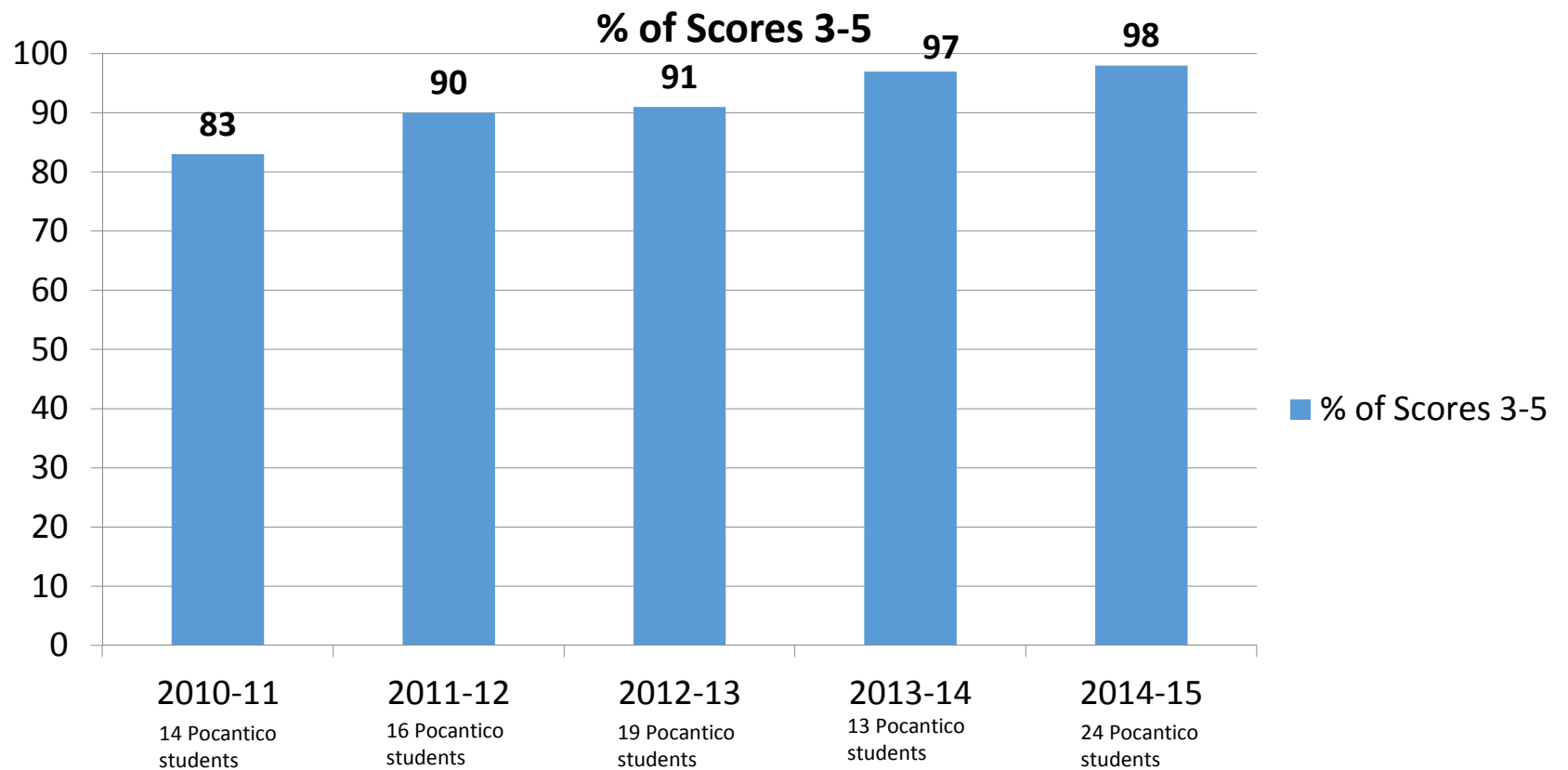
English 2011-2015



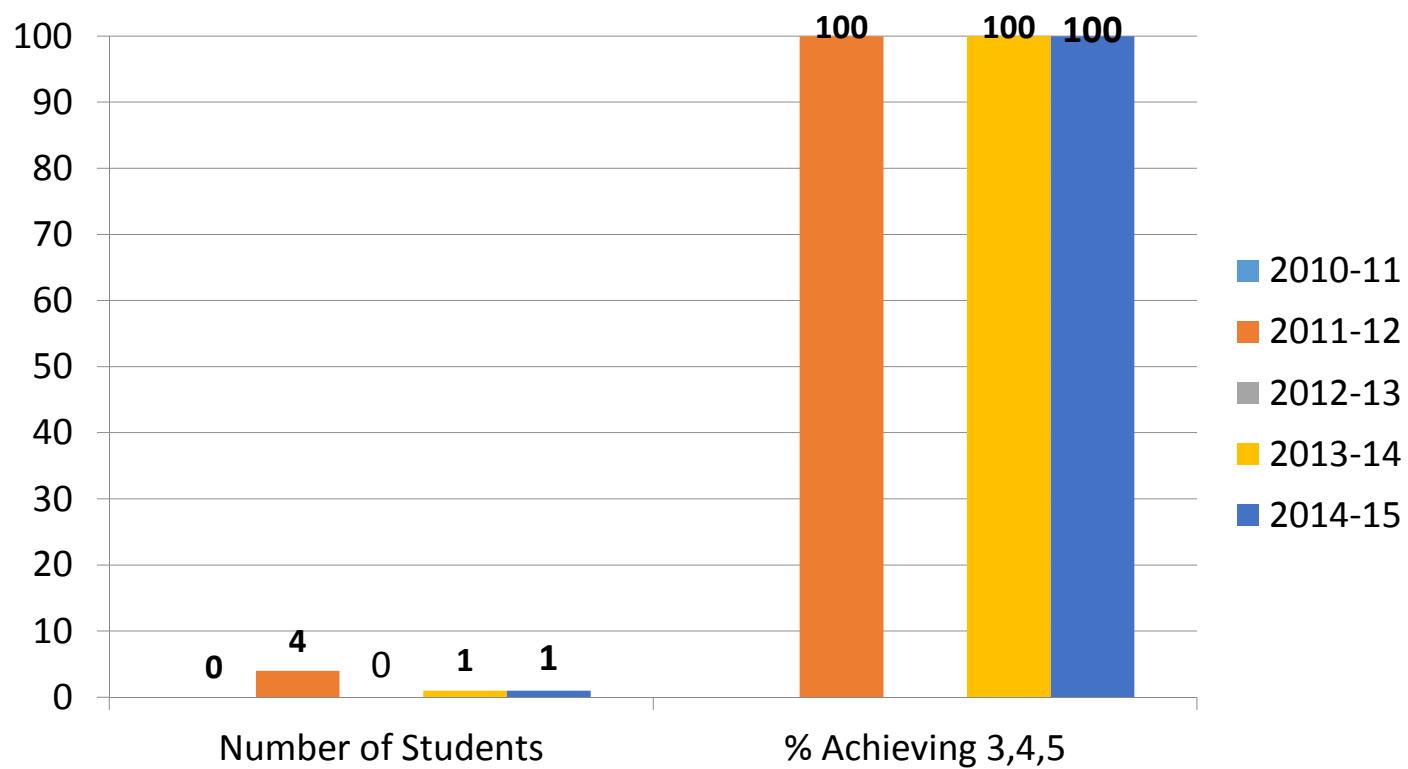
ADVANCED PLACEMENT RESULTS FOR POCANTICO STUDENTS



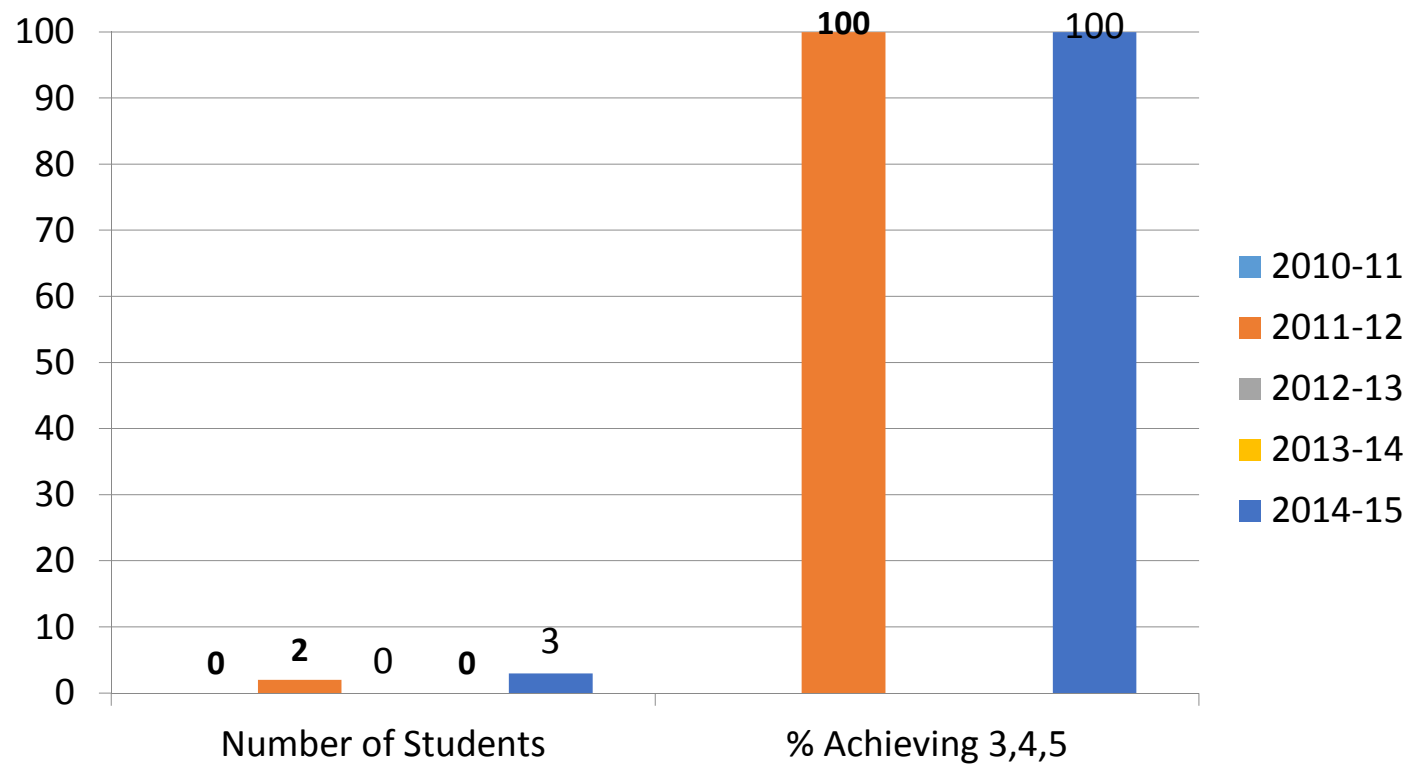
ADVANCED PLACEMENT SCORES 2011-2015



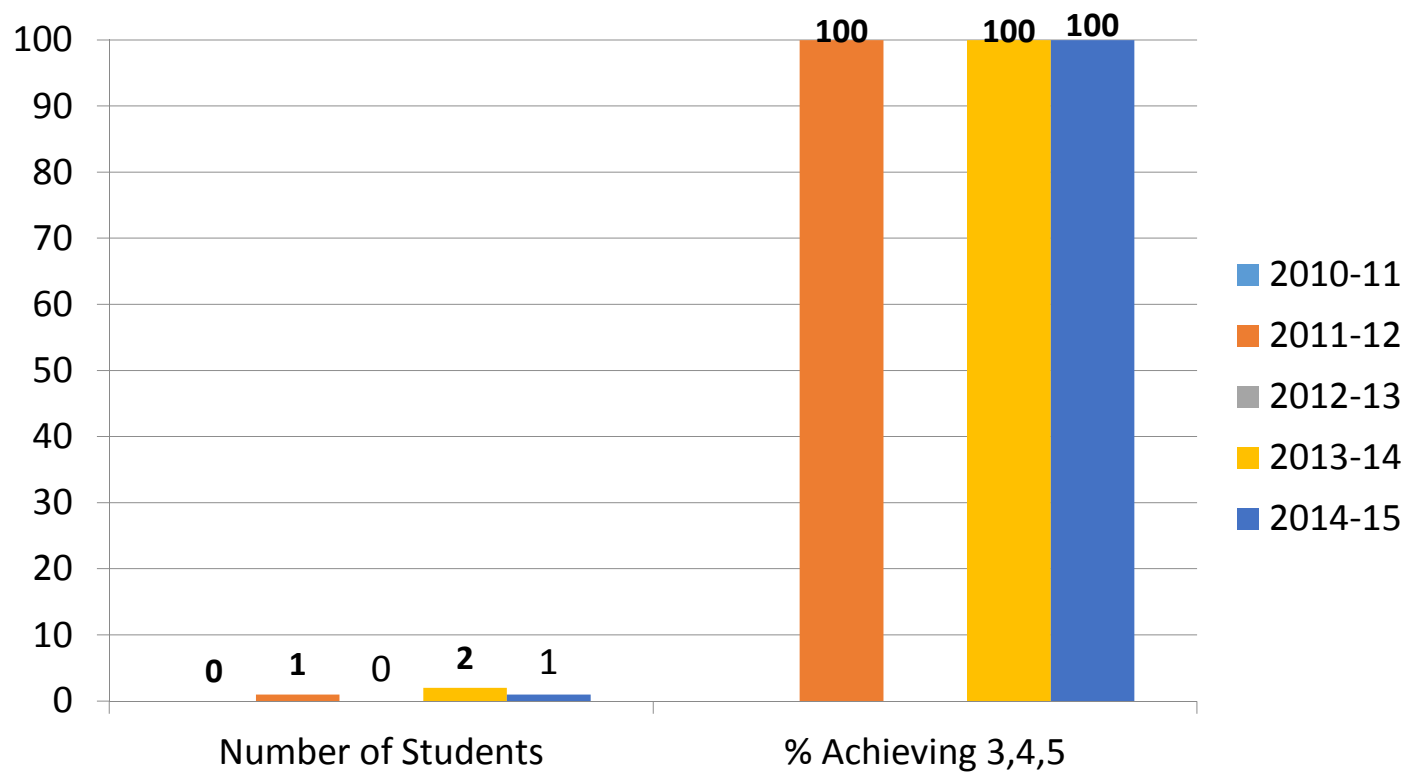
AP Biology 2011-2015



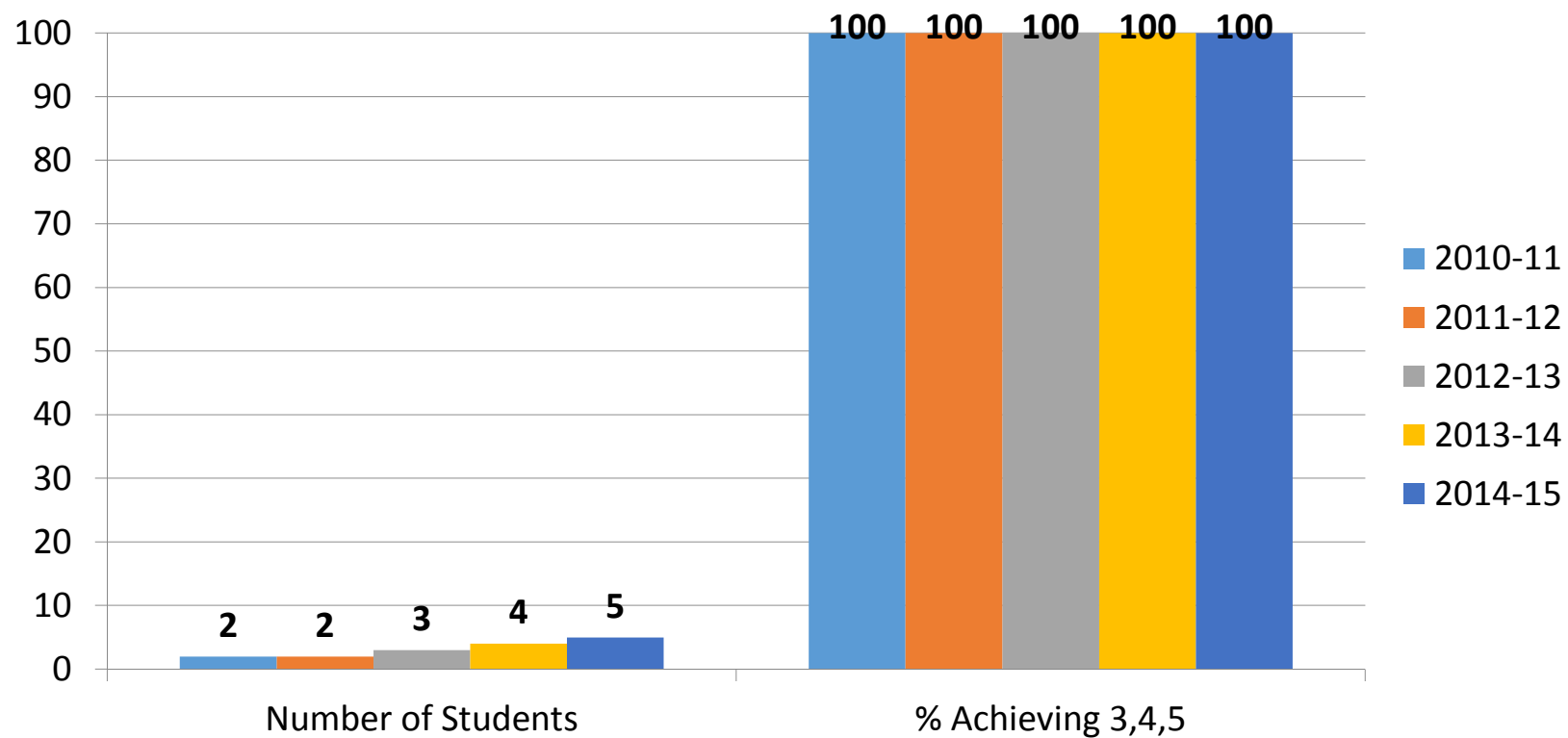
AP Calculus AB 2011-2015



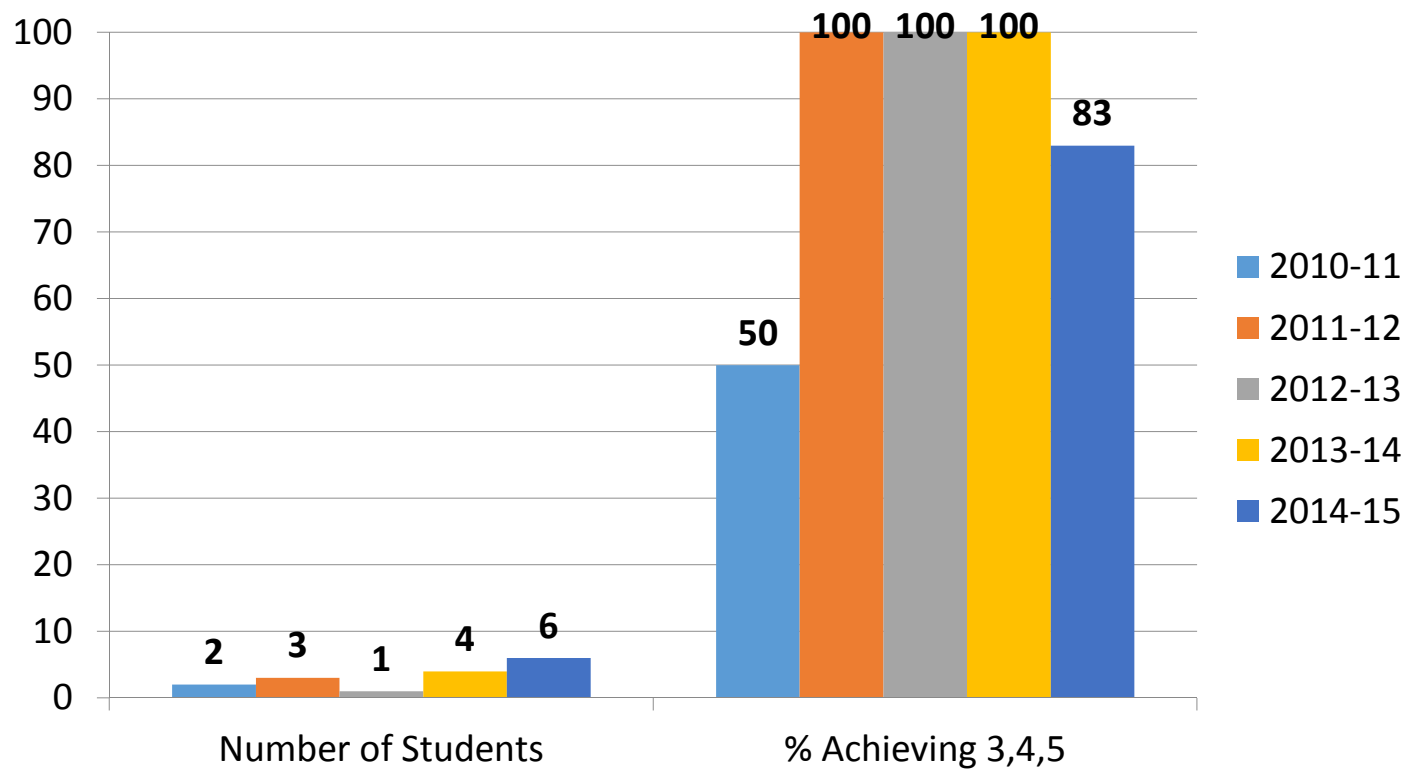
AP Calculus BC 2011-2015



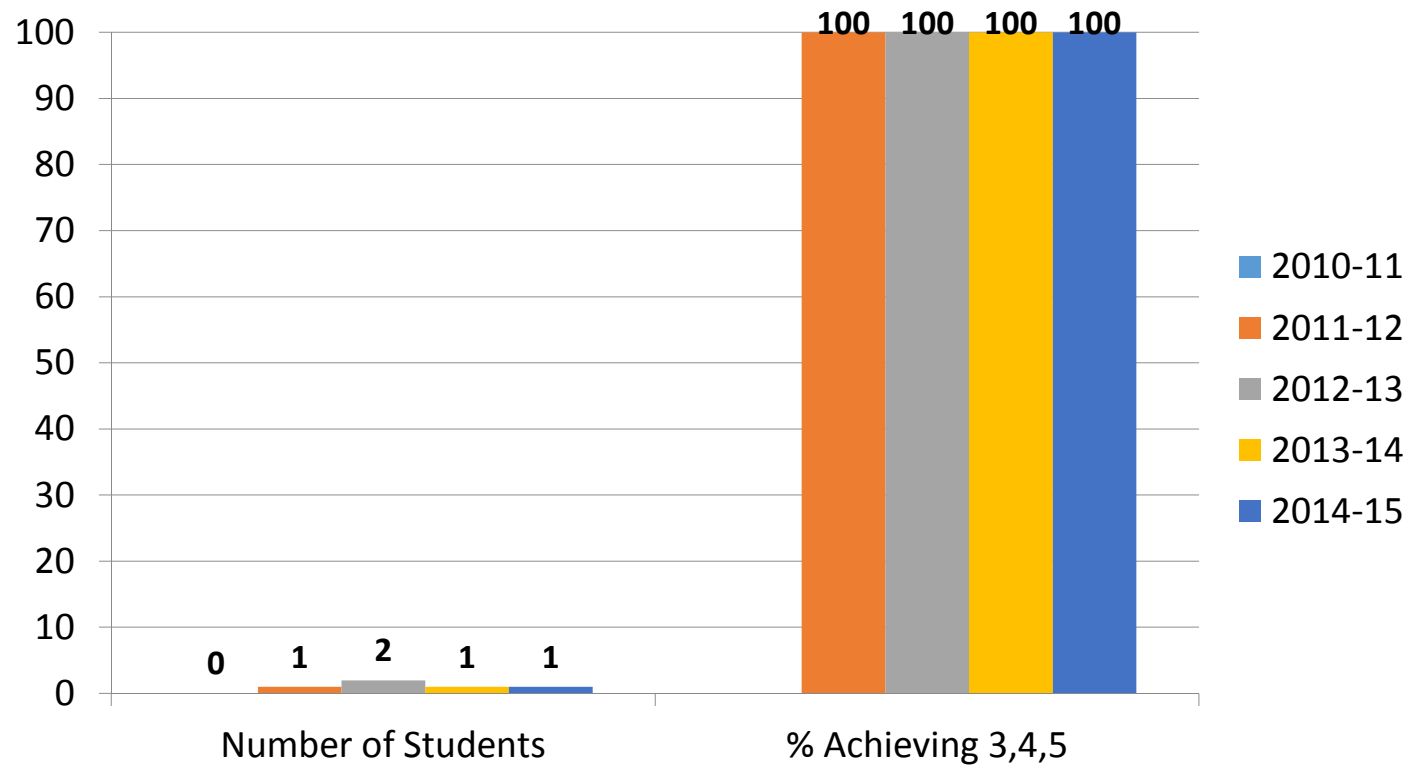
AP English Language & Composition 2011-2015



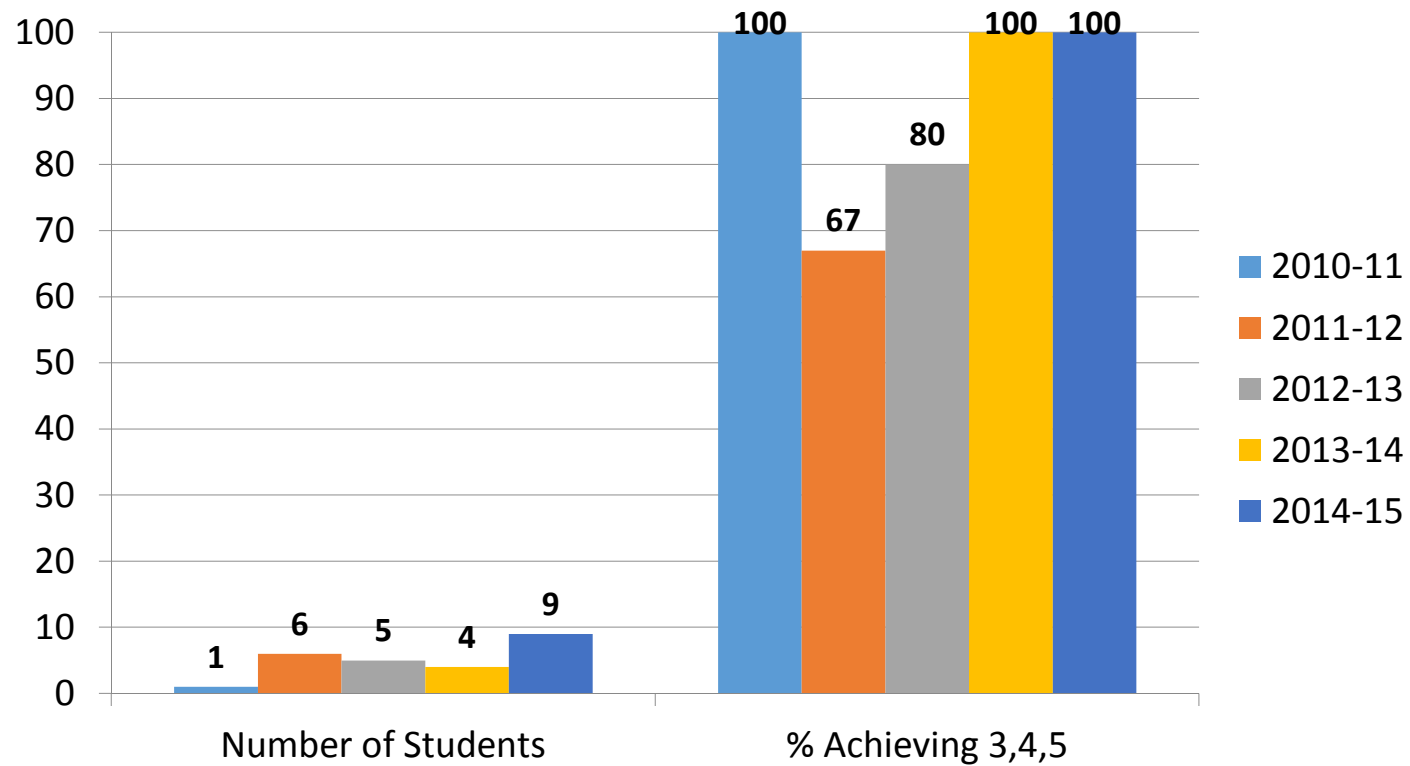
AP English Literature & Composition 2011-2015



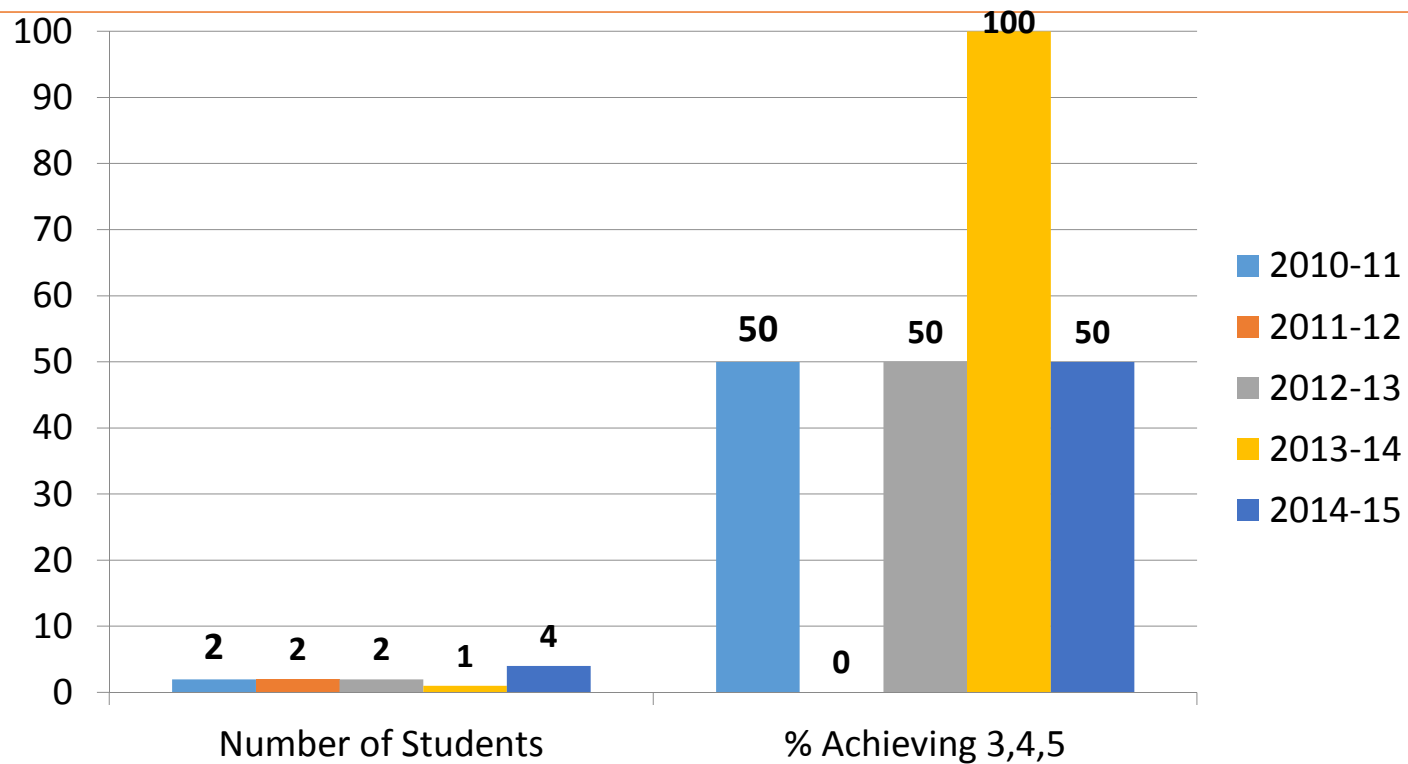
AP European History 2011-2015



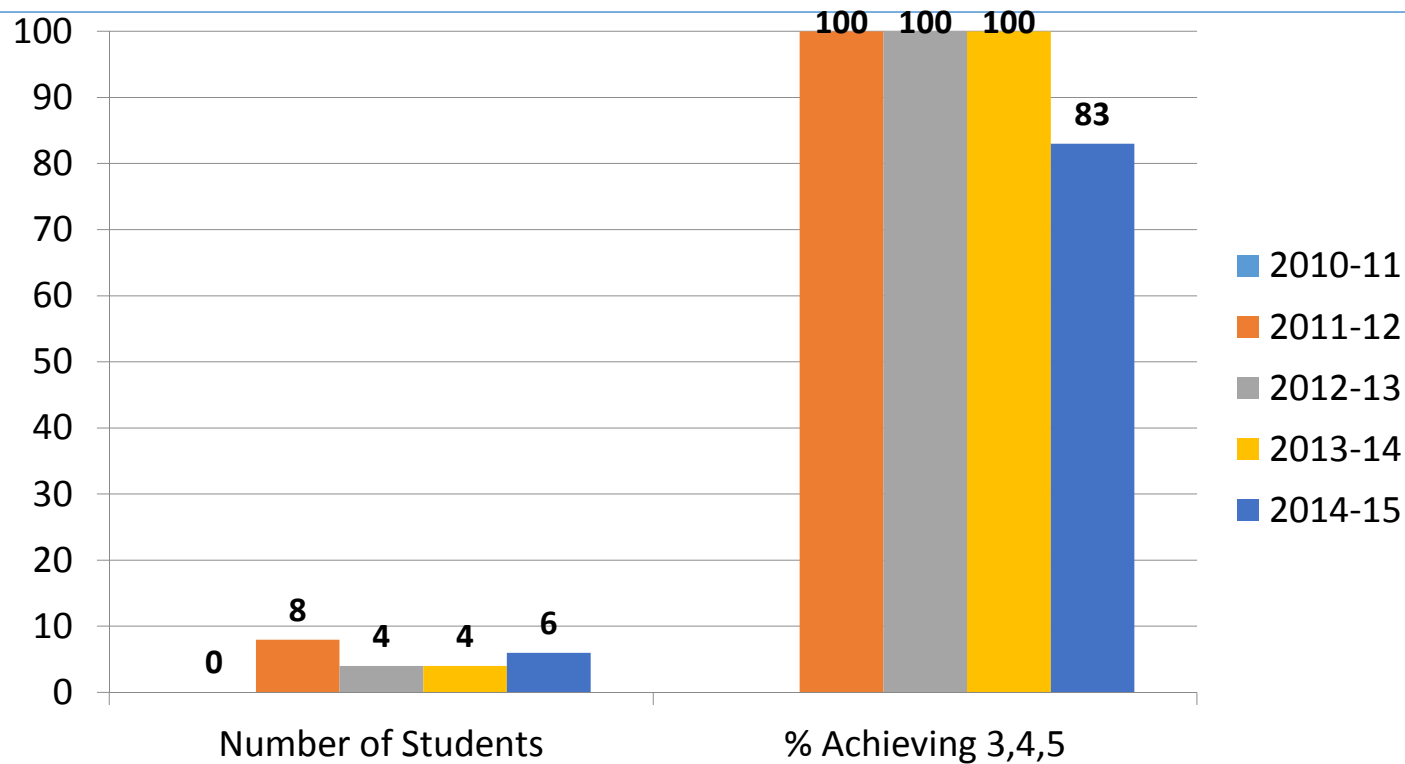
AP Macro-Economics 2011-2015



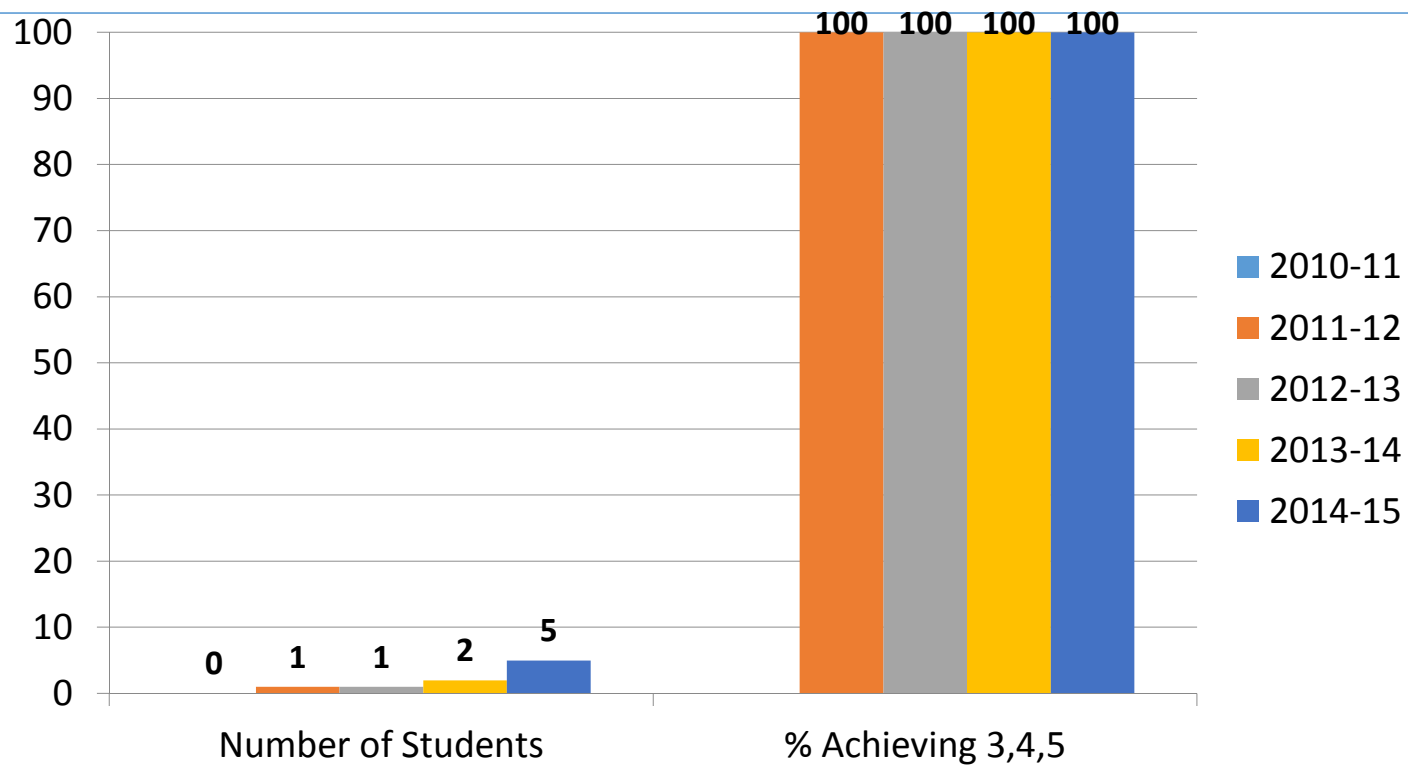
AP US Government and Politics 2011-2015



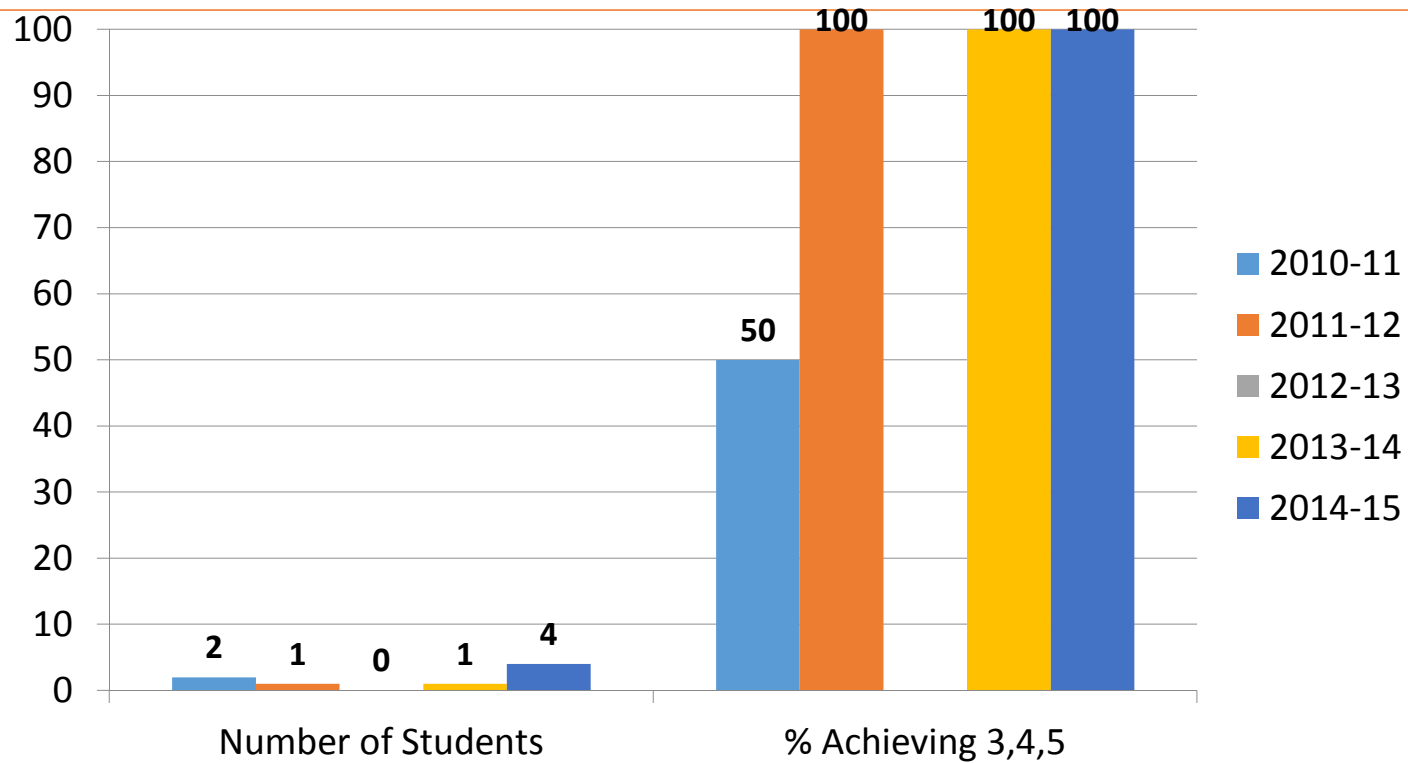
AP United States History 2011-2015



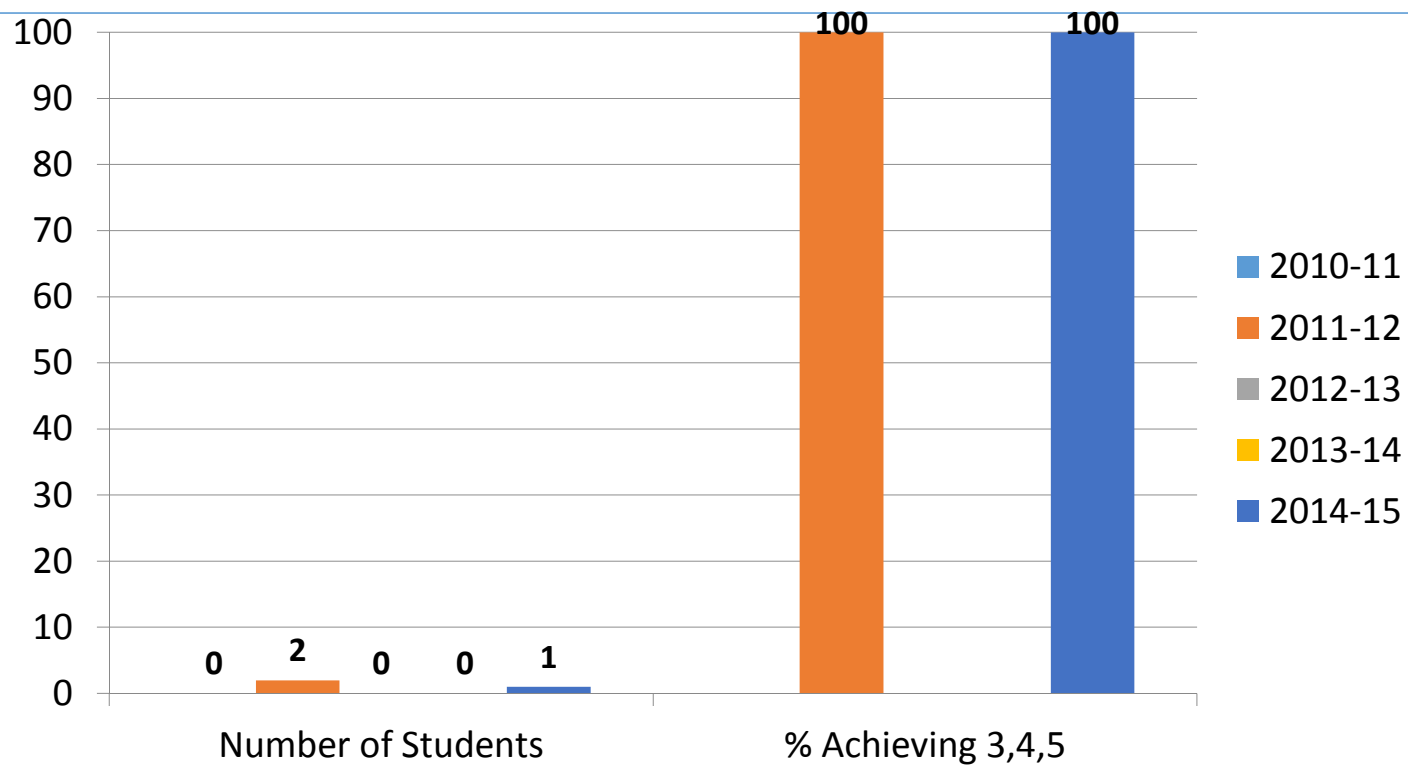
AP Physics B 2011-2015



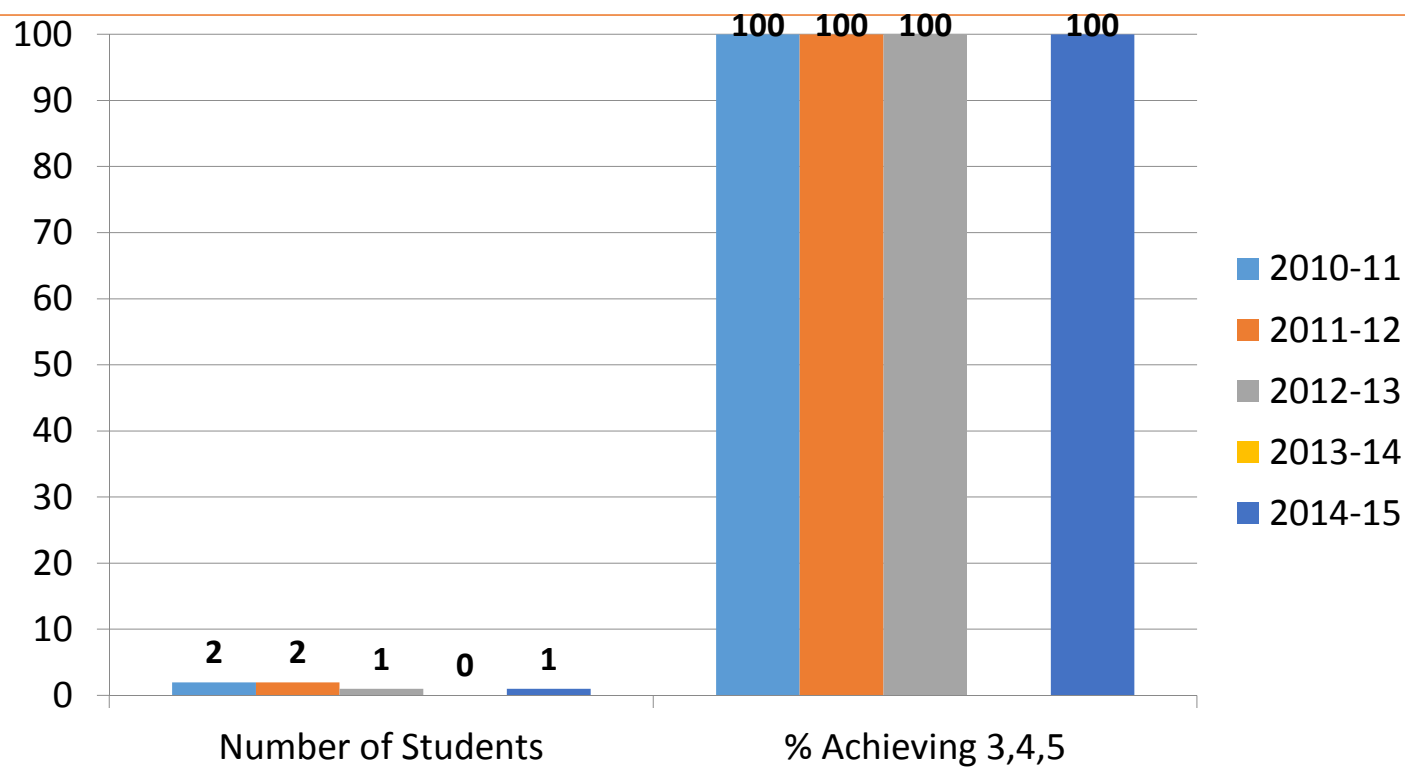
AP World History 2011-2015



AP French Language 2011-2015



AP Spanish Language 2011-2015



POCANTICO ADVANCED PLACEMENT SCHOLARS 2011-2015



- **AP Scholar: Scores of 3 or higher on 3 or more AP Exam**

8 Pocantico Students

- **AP Scholar with Honors: Scores of 3 or higher on 4 or more AP exams with an average of 3.25 or above.**

2 Pocantico Students

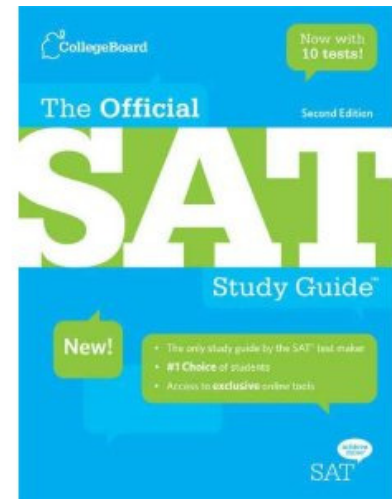
- **AP Scholar with Distinction: Scores of 3 or higher on 5 or more AP exams, with an average grade of 3.5 or above.**

17 Pocantico Students

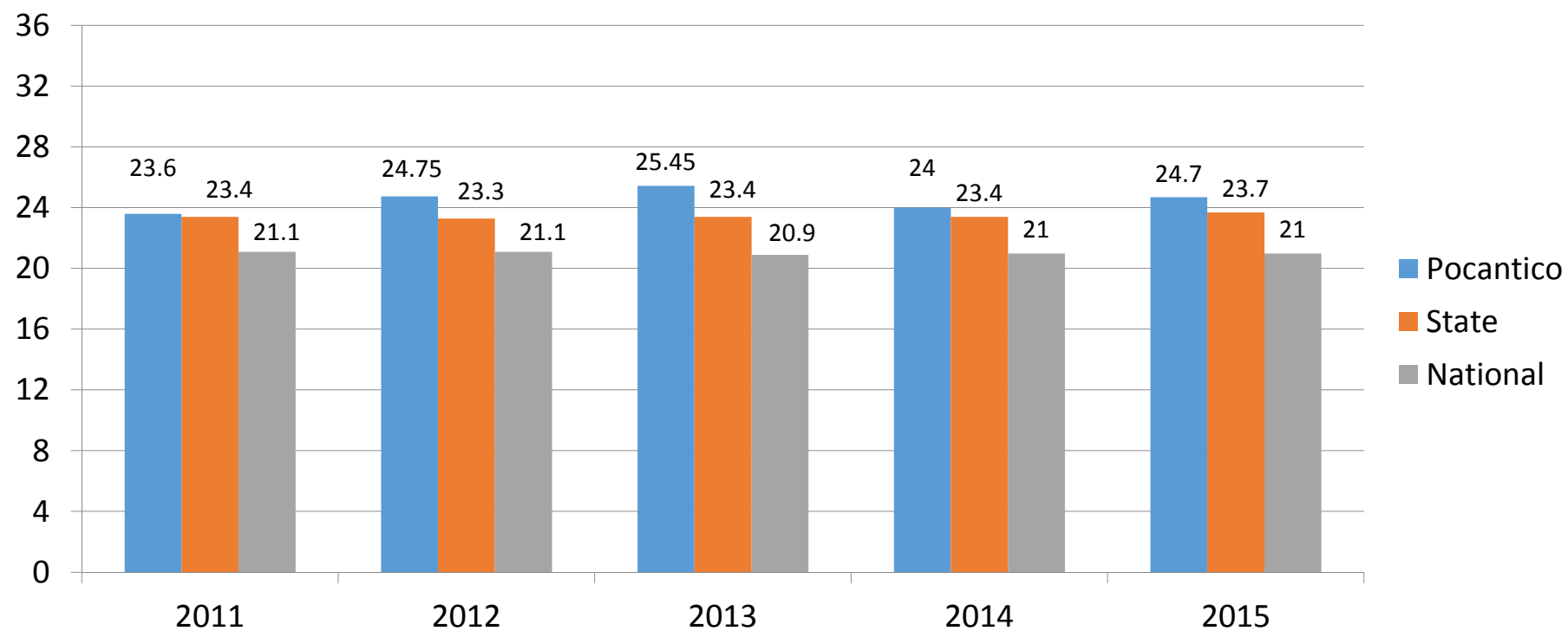
- **National AP Scholar: Granted to students receiving an average score of 4 on all AP exams or higher on 8 or more AP exams.**

6 Pocantico Students

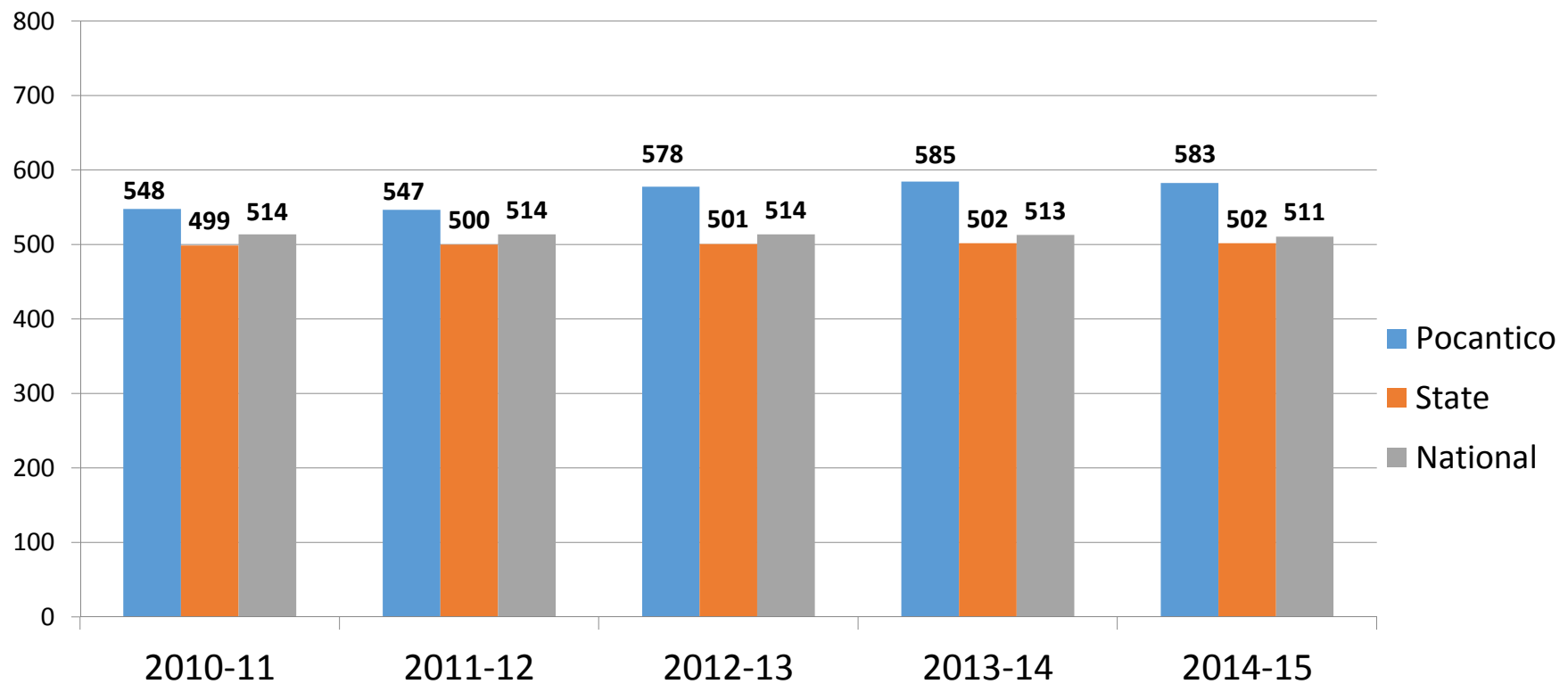
ACT & SAT RESULTS FOR POcantico Students



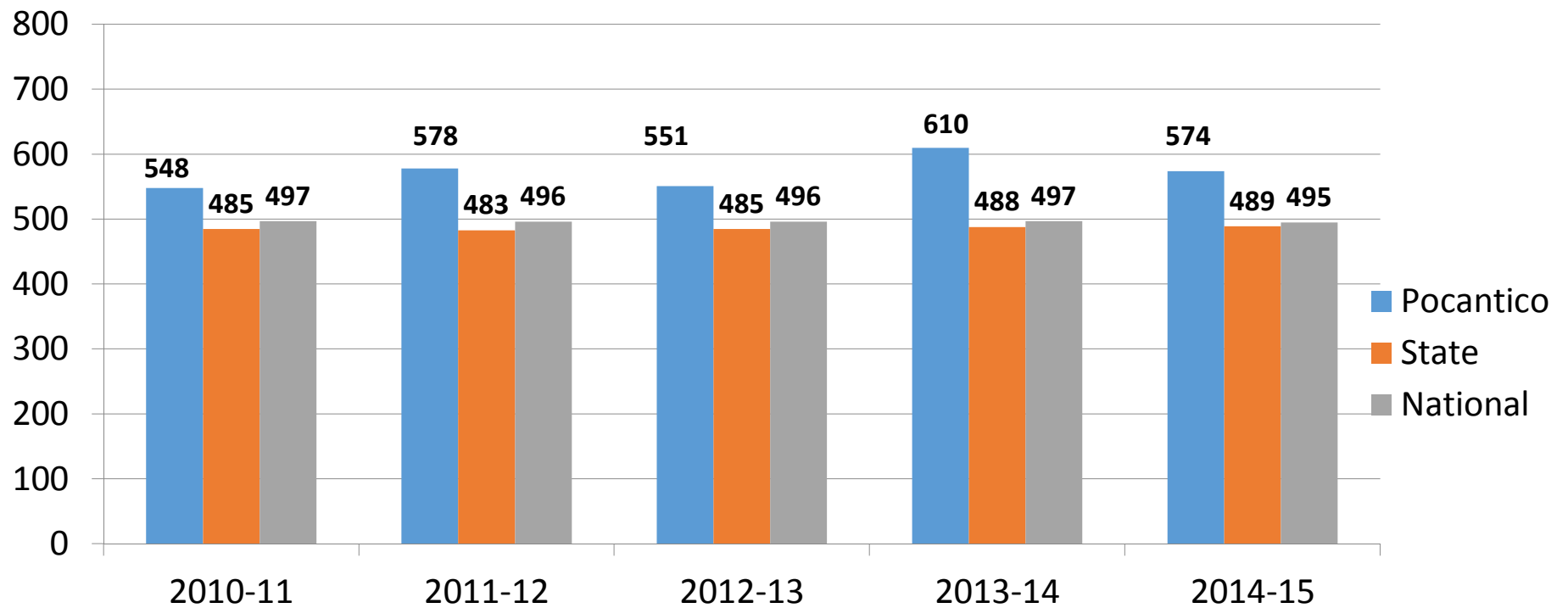
ACT Composite Score 2011-2015



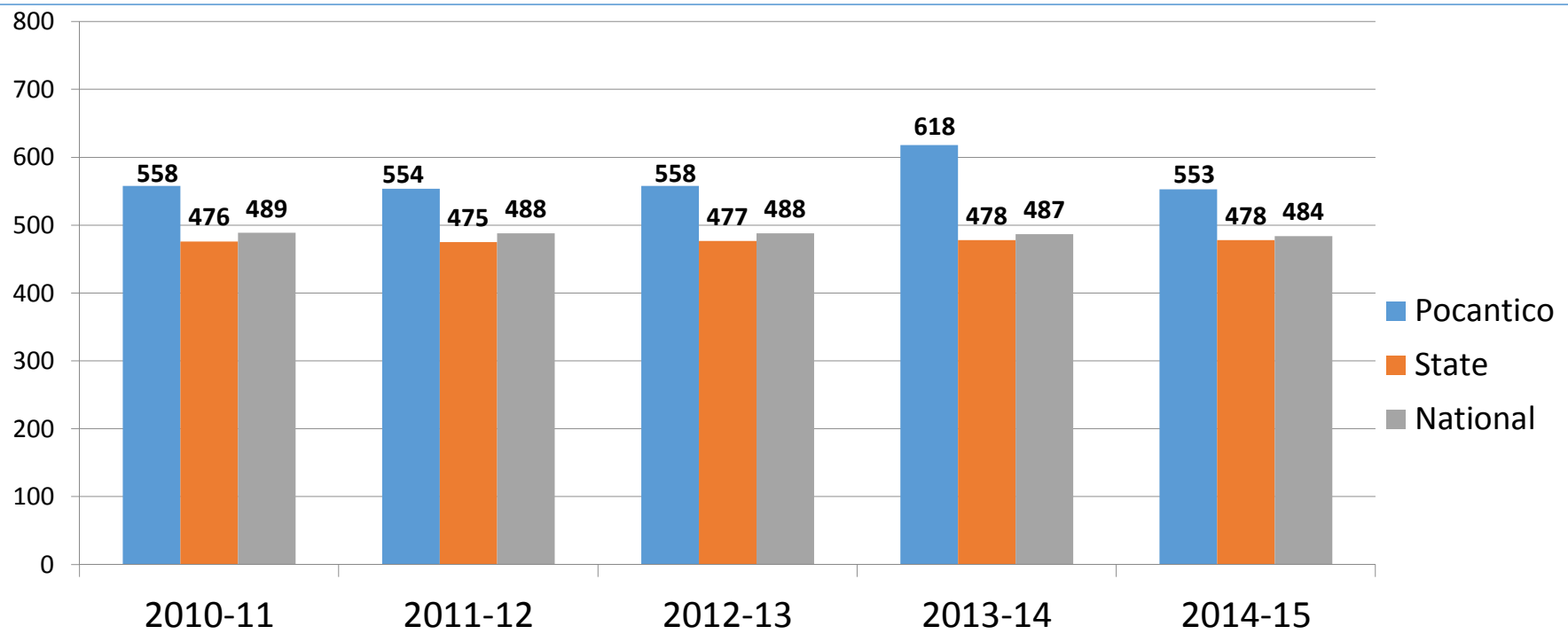
SAT Scores – Math 2011-2015



SAT Scores – Critical Reading 2011-2015



SAT Scores – Writing 2011-2015



POCANTICO STUDENTS INDUCTED INTO B.H.S. HONOR SOCIETIES 2011-2015



❖ National Honor Society: 15 Students



❖ Tri-M Music Honor Society: 14 Students



❖ Math Honor Society: 11 Students

$$\frac{1}{\cos \theta} = \sec \theta$$

❖ National Honor Society for Dance Arts: 7 students



❖ Art National Honor Society: 17 Students



BRIARCLIFF HIGH SCHOOL

ACCOLADES & RECOGNITION



BRIARCLIFF HIGH SCHOOL RECOGNIZED!

Newsweek

* Briarcliff Ranks #30
Among the Top 50 High Schools in
Newsweek's 2015 List of Top Public High Schools in America



* Briarcliff Ranks #48 Among the Top 500
High Schools in the Nation in STEM (Science, Technology, Engineering, Math) in US News and World Reports

* Briarcliff Receives "Gold Medal" Recognition in
U.S. News and World Report's National Survey of High School Programs
with State Rank of #31

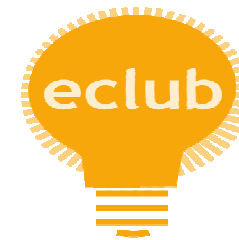


* Briarcliff Recognized as a "Reward School"
for the 2015-2016 School Year by
The University of the State of New York Education Department



* America's Best High Schools That Challenge Their Students to Excellence" for 2015-2016 by
The Washington Post

B.H.S. LIFE BEYOND THE CLASSROOM!



Candid Photos of Student Life at B.H.S.

Glen Island Harbour Club
June, 2015



Blue & Orange Pride



Interact Club at the UN



Songs For a Cause



Stand Up Against Racism
MLK Celebration January 2015



FRESHMAN ORIENTATION DAY 2015!



CO-CURRICULAR CLUBS

(Clubs in which Pocantico students participated)



Academic Challenge*
Amnesty International
American Red Cross
Art National Honor Society*
Asian Club*
Stand Together Against Racism
Briarcliff Singers*
Briars and Ivy*
Chemistry Club*
Dance Honor Society*
Debate Club
Drama Club*
Environmental (Treehugger) Club
Engineering Club*
Film Club*
Spanish and French Club*
Gay Straight Alliance
Habitat for Humanity

*Denotes Club Officer position held by Pocantico students

Interact Club
Interior Design Club
Jazz Band*
Math Honor Society*
Mock Trial*
National Honor Society*
Newspaper – The Bulletin
NYS Math Honor Society
Senior Class Officer*
Spanish Club
Student Government*
Student Coalition for Human Dignity*
Tri-M Honor Society*
World of Difference
Writers' Circle*
Yearbook



PERFORMING ARTS PROGRAM

The Tempest
By William
Shakespeare



Urinetown
By Greg Kotis



Chamber
Orchestra



BHS Dancers



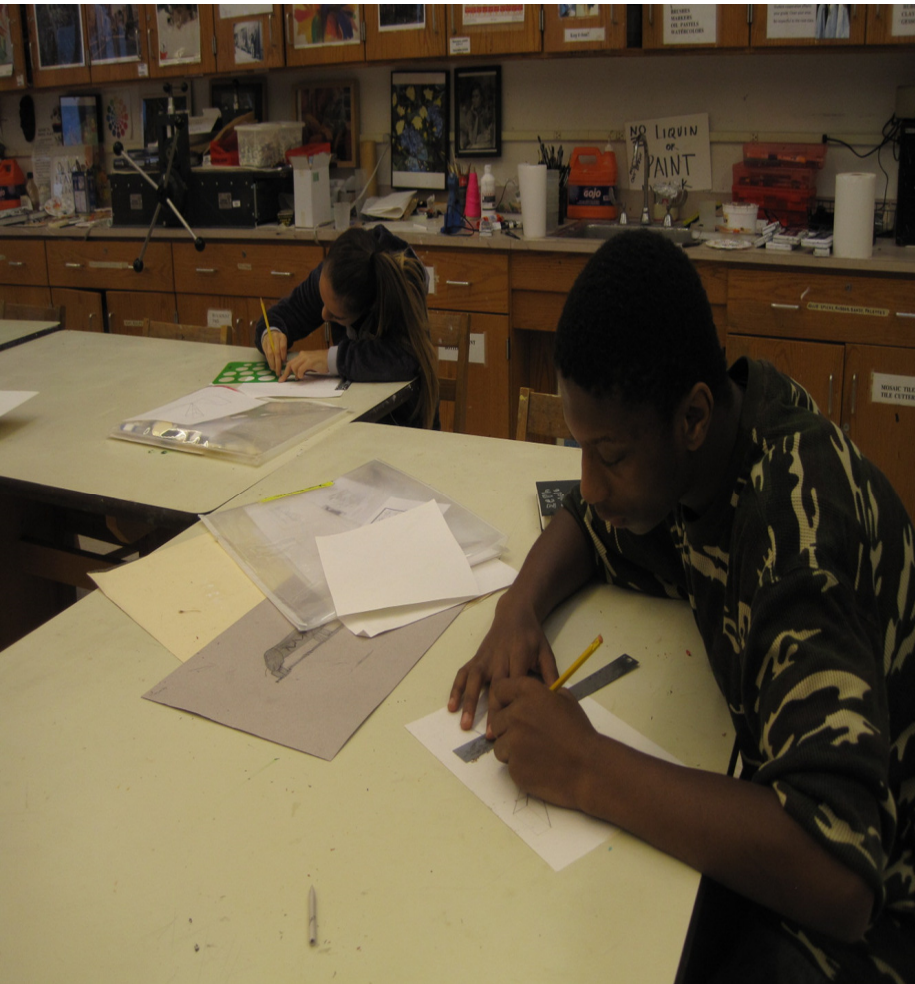
Concert Chorus



Jazz Band



VISUAL ARTS PROGRAM



SPAIN ~ FRANCE



FEBRUARY, 2015



B.H.S. ATHLETIC PROGRAM



B.H.S. ATHLETIC TEAMS

Boys Sports Teams

- Modified Football
- Varsity Football
- JV Soccer*
- Varsity Soccer*
- Varsity Cross Country*
- JV Basketball*
- Varsity Basketball*
- Varsity Ice Hockey
- Varsity Swimming
- JV Tennis
- Varsity Tennis
- Varsity Cross Country/ Track*
- JV Baseball*
- Varsity Baseball*
- JV Lacrosse
- Varsity Lacrosse
- Varsity Golf



Girls Sports Teams

- JV Soccer*
- Varsity Soccer*
- JV Field Hockey
- Varsity Field Hockey
- Varsity Cheerleading*
- Varsity Swimming*
- JV Tennis
- Varsity Tennis*
- Varsity Cross Country
- Varsity Track*
- JV Basketball
- Varsity Basketball
- JV Softball
- Varsity Softball
- JV Lacrosse
- Varsity Lacrosse
- Varsity Golf
- JV Volleyball
- Varsity Volleyball*
- Varsity Cheerleading*

- * Denotes Pocantico Team Captain Positions
- Denotes Teams on which Pocantico students participated)



FIELD PROJECT COMPLETION AT B.H.S.



BRIARCLIFF HIGH SCHOOL



Belonging
Excellence
Acceptance
Respect
Service

Questions & Conversation

