

# Herricks School District

## *Student Achievement Report* *October 24, 2019*

Presented by  
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### MISSION STATEMENT

The Herricks School District, a Community of Learners, through its educational programs, promotes intellectual curiosity and creative expression, values diversity, and measures success by one's personal development and contributions to society.

***“Things get done only if the data we gather can inform and inspire those in a position to make [a] difference.”***

~Mike Schmoker, former school administrator, English teacher and football coach, author

***“The goal is to turn data into information, and information into insight.”***

~Carly Fiorina, former executive, president, and chair of Hewlett-Packard Co.

***“You can have data without information, but you cannot have information without data.”***

~ Daniel Keys Moran, an American computer programmer and science fiction writer

***“Without data, you’re just another person with an opinion.”***

~W. Edwards Deming, American engineer who introduced quality control to mass production

## Review of Student Data

# BIG & SMALL Data and Evidence

### **BIG DATA**

- National testing information
- State assessment testing
- County-wide data

### **SMALL DATA**

- Class assessments and performance
- Comparative data (similar district, state and national norms)

### **EVIDENCE**

- Student engagement
- Outside opportunities
- Community service



**2019**

**# 412 Nationally**  
**# 43 in New York**  
**#6 on Long Island**



**# 18 Best School District in America (of 10,782)**

**# 5 Best School District in New York (of 677)**

**# 4 Best School District on Long Island (of 127)**

**Top 20 Best Public Elementary Schools in NY (of 2,453)**

**# 5 Best Public Middle School in New York (of 1,211)**

**# 11 Best Public High School in New York (of 1,243)**

## 2019 ELA Assessments District Results: Grades 3-8

Herricks UFSD NYS ELA Assessment Results	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
<b>Level 4</b>	24%	54%	36%	65%	42%	50%
<b>Level 3</b>	61%	32%	33%	17%	39%	34%
<b>Level 2</b>	13%	13%	21%	11%	14%	11%
<b>Level 1</b>	2%	1%	11%	7%	6%	6%
<b>Herricks % Proficiency (passing rate)</b>	85%	86%	68%	82%	80%	83%
<b>NYS % Proficiency (passing rate)</b>	66%	62%	51%	60%	52%	59%
<b>Comparator School District Rank</b>	5th	3rd	8th	4th	2nd	3rd

## 2019 Math Assessments District Results: Grades 3-8

Herricks UFSD NYS Math Assessment Results	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
<b>Level 4</b>	46%	65%	51%	57%	47%	7%
<b>Level 3</b>	38%	21%	31%	24%	36%	33%
<b>Level 2</b>	13%	11%	15%	12%	13%	39%
<b>Level 1</b>	3%	3%	3%	7%	4%	21%
<b>Herricks % Proficiency (passing rate)</b>	84%	86%	82%	81%	83%	40%
<b>NYS % Proficiency (passing rate)</b>	69%	67%	61%	63%	58%	38%
<b>Comparator School District Rank</b>	9th	6th	7th	8th	7th	9th

## Interpreting the 2019 NYS Assessment Results

- The state did not make significant changes to the 2019 assessments; therefore the 2019 results can be compared with the 2018 results.
- The 2017 Grades 3–8 ELA and Math results cannot be compared with 2018 and 2019 results.
- State assessments are just one of the many measures Herricks' uses to monitor student growth
- Our NYS assessment scores remain among the top in the county, similar to our comparator school districts.

## Longitudinal Data ELA Grades 3-8

ELA % Level 3 & 4	2014	2015	2016	2017	2018	2019
Grade 8	66%	78%	82%	84%	85%	83%
Grade 7	60%	69%	67%	78%	78%	80%
Grade 6	51%	60%	72%	61%	85%	82%
Grade 5	53%	69%	66%	67%	69%	68%
Grade 4	59%	65%	73%	74%	78%	86%
Grade 3	62%	55%	72%	75%	87%	85%

## Longitudinal Data Math Grades 3–8

Math % Level 3 & 4	2014	2015	2016	2017	2018	2019
Grade 8	40%	25%	32%	39%	23%	40%
Grade 7	73%	68%	75%	75%	81%	83%
Grade 6	78%	80%	83%	80%	86%	81%
Grade 5	73%	80%	76%	82%	78%	82%
Grade 4	78%	71%	80%	74%	87%	86%
Grade 3	74%	71%	74%	78%	79%	84%

# Regents Mastery Level Comparisons 2018

	Herricks	Garden City	North Shore	Locust Valley	Great Neck	Port Washington	Rockville Centre	Syosset	Manhasset	Roslyn	Jericho	Cold Spring Harbor	East Williston
<b>CC Alg 1</b>	<b>62%</b>	59%	37%	43%	55%	44%	26%	57%	73%	66%	71%	72%	46%
<b>CC Geometry</b>	<b>48%</b>	52%	45%	34%	51%	31%	20%	50%	69%	36%	66%	42%	50%
<b>CC Alg 2</b>	<b>42%</b>	50%	50%	39%	57%	38%	29%	62%	64%	39%	76%	48%	34%
<b>Global History</b>	<b>81%</b>	87%	75%	68%	76%	74%	68%	78%	94%	83%	84%	79%	67%
<b>US History</b>	<b>88%</b>	91%	80%	72%	80%	82%	78%	88%	94%	84%	84%	85%	58%
<b>Living Env</b>	<b>76%</b>	88%	70%	57%	74%	65%	56%	86%	73%	75%	85%	74%	68%
<b>Earth Science</b>	<b>75%</b>	82%	73%	38%	66%	68%	51%	74%	76%	83%	84%	75%	82%
<b>Chemistry</b>	<b>35%</b>	38%	37%	23%	44%	39%	22%	45%	42%	38%	64%	39%	44%
<b>Physics</b>	<b>46%</b>	64%	33%	53%	59%	53%	34%	51%	53%	18%	79%	32%	20%
<b>CC ELA</b>	<b>81%</b>	89%	83%	59%	73%	65%	78%	77%	87%	81%	84%	85%	72%

# Mastery Rate Comparisons (June Regents)

	2017	2018	2019
<b>CC Geometry</b>	41%	50%	59%
<b>CC Algebra 1</b>	74%	63%	64%
<b>CC Algebra 2</b>	30%	42%	56%
<b>Global History</b>	82%	*81%	81%
<b>US History</b>	87%	89%	88%
<b>Living Environment</b>	70%	76%	77%
<b>Earth Science</b>	71%	75%	70%
<b>Chemistry</b>	37%	38%	49%
<b>Physics</b>	53%	46%	56%
<b>CC English Language Arts</b>	86%	84%	85%
<b>World Language (combined)</b>	85%	80%	80%

\*New Exam

# Regents Passing Rates (June Regents)

	2017	2018	2019
<b>CC Geometry</b>	92%	94%	96%
<b>CC Algebra 1</b>	99%	97%	98%
<b>CC Algebra 2</b>	97%	97%	99%
<b>Global History</b>	98%	*100%	98%
<b>US History</b>	99%	100%	99%
<b>Living Environment</b>	99%	98%	97%
<b>Earth Science</b>	96%	98%	95%
<b>Chemistry</b>	90%	94%	93%
<b>Physics</b>	87%	82%	86%
<b>CC English Language Arts</b>	99%	97%	99%
<b>World Language (combined)</b>	99%	99%	99%

\* New Exam

# Regents Results: Regional Gap Analysis 2019 (Nassau)

Subject	Test	Total	L3+L4+L5	L3 + L4 + L5 %	Region L3+L4+L5%	Regional Gap *
ELA	<a href="#">Regents Common Core ELA - Jun</a>	<a href="#">304</a>	301	99%	90%	9%
<b>ELA Totals</b>		<b>304</b>	<b>301</b>	<b>99%</b>		
Subject	Test	Total	L3+L4+L5	L3 + L4 + L5 %	Region L3+L4+L5%	Regional Gap *
Mathematics	<a href="#">Regents Common Core Algebra I - Jun</a>	<a href="#">320</a>	313	98%	85%	13%
	<a href="#">Regents Common Core Algebra II - Jun</a>	<a href="#">343</a>	338	99%	94%	5%
	<a href="#">Regents Common Core Geometry - Jun</a>	<a href="#">337</a>	322	96%	84%	12%
<b>Mathematics Totals</b>		<b>1,000</b>	<b>973</b>	<b>97%</b>		
Subject	Test	Total	L3+L4+L5	L3 + L4 + L5 %	Region L3+L4+L5%	Regional Gap *
Science	<a href="#">Regents Chemistry - Jun</a>	<a href="#">297</a>	276	93%	85%	8%
	<a href="#">Regents Earth Sci - Jun</a>	<a href="#">327</a>	312	95%	86%	10%
	<a href="#">Regents Living Environment - Jun</a>	<a href="#">325</a>	316	97%	87%	10%
	<a href="#">Regents Physics - Jun</a>	<a href="#">227</a>	195	86%	87%	-1%
<b>Science Totals</b>		<b>1,176</b>	<b>1,099</b>	<b>93%</b>		
Subject	Test	Total	L3+L4+L5	L3 + L4 + L5 %	Region L3+L4+L5%	Regional Gap *
Social Studies	<a href="#">Regents Global History Transition - Jun</a>	<a href="#">338</a>	330	98%	84%	13%
	<a href="#">Regents US History&amp;Gov't - Jun</a>	<a href="#">316</a>	313	99%	91%	8%
<b>Social Studies Totals</b>		<b>654</b>	<b>643</b>	<b>98%</b>		

10% or More Above Region

1% to 9% Above Region

1% to 9% Below Region

10% or More Below Region

\* Region represents all Nassau County public school districts that score with Nassau BOCES.

# Class of 2018

## Regents with Advanced Designation

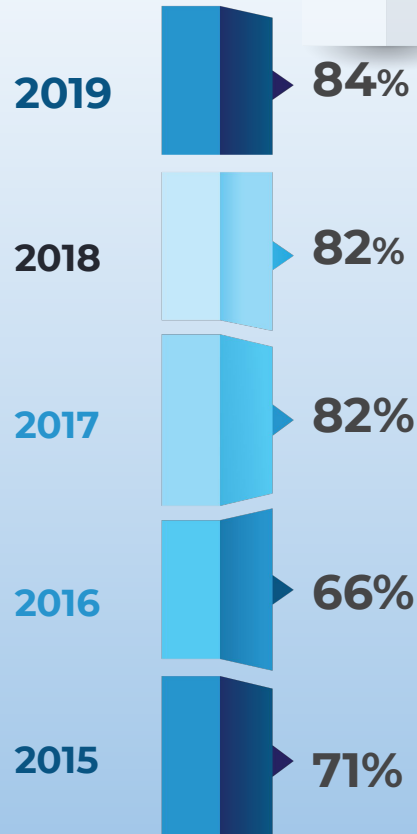
Cohort: 2014 Total Cohort - 4 Year Outcome - August 2018

Herricks UFSD	82%
Nassau County	64%
New York State	41%
East Williston UFSD	93%
Garden City UFSD	94%
Great Neck UFSD	79%
Jericho UFSD	90%
Locust Valley UFSD	75%
Manhasset	85%
North Shore	85%
Port Washington	76%
Rockville Centre	92%
Roslyn	84%
Syosset	86%

8 Regents >65%  
(Advanced)

## Longitudinal Regents Data

# % Regents Diploma with Advanced Designation



## Longitudinal AP Data (as of 8/23/19)

	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
<b>Total AP Students</b>	<b>678</b>	<b>740</b>	<b>730</b>	<b>750</b>	<b>759</b>
<b>Total Exams</b>	<b>1710</b>	<b>1727</b>	<b>1812</b>	<b>1892</b>	<b>1882</b>
<b>AP Students with Scores 3+</b>	<b>498</b>	<b>504</b>	<b>522</b>	<b>585</b>	<b>585</b>
<b>% AP Students with Scores 3+</b>	<b>73.5</b>	<b>68.1</b>	<b>71.5</b>	<b>78.0</b>	<b>77.1</b>
<b>% All HHS Graduates w/Scores 3+ (at some point)</b>	<b>66.9</b>	<b>59.8</b>	<b>67.7</b>	<b>63.2</b>	<b>72.7</b>
<b>Scholars (Total)</b>	<b>278</b>	<b>235</b>	<b>267</b>	<b>293</b>	<b>327</b>
<b>Scholars</b>	<b>134</b>	<b>115</b>	<b>122</b>	<b>134</b>	<b>126</b>
<b>Scholars with Honors</b>	<b>42</b>	<b>31</b>	<b>42</b>	<b>49</b>	<b>52</b>
<b>Scholars with Distinction</b>	<b>102</b>	<b>89</b>	<b>108</b>	<b>110</b>	<b>118</b>
<b>National Scholar</b>	<b>31</b>	<b>20</b>	<b>28</b>	<b>36</b>	<b>31</b>

# 2019 AP Summary

- **759** enrolled in AP courses at HHS
- **1882 AP** exams were administered in 2019
- **77%** of students received a score of 3 or higher
- **26%** received a score of 3
- **27%** received a score of 4
- **19%** received a score of 5

## Class of 2019 Herricks High School SAT Mean Scores

	2015	2016	2017	2018	2019
Mathematics	609	594	634	650	660
Evidence Based Reading and Writing	N/A	N/A	618	620	630
Critical Reading	573	554	N/A	N/A	N/A
Writing	585	574	N/A	N/A	N/A

## ACT Exams

<b>Year</b>	<b>Total Tested Herricks</b>	<b>Average Score Herricks</b>	<b>Average Score NYS</b>	<b>Average National Score</b>
<b>2019</b>	139	26.7	24.5	20.8
<b>2018</b>	167	26.9	24.5	20.9
<b>2017</b>	175	26.3	24.2	21
<b>2016</b>	178	26.2	23.9	20.8
<b>2015</b>	162	25.8	23.7	21

# Summary

01

Increased mastery rates on most Regents exams

02

Increase in percentage of total of all AP Scholars

03

Increase in percentage of students receiving Regents Diplomas with Advanced Designation



**Evidence**

# SOCIAL STUDIES

## National History Day Competition

### Middle School

- 2nd Place Group Performance-State Competition
- Moved on to National competition

### High School

- Won in 5 of 7 categories
- 3 First Place winners
- Competed at National level
- 2 Third Place awards at NYS competition
- Placed 6th in National competition

### New York State Archives Winners

- Four Herricks High School students awarded 2nd place at 29th annual Student Research Awards for their documentary titled: *The Warsaw Ghetto Uprising: Courage Knows No Number*.

### Polish Film Festival Honorees

- Four Herricks High School students **honored in Poland at Polish film festival for their documentary titled:** *The Warsaw Ghetto Uprising: Courage Knows No Number*. This was a huge honor as the only film team chosen to represent international students keeping Polish history alive.

### 9/11 Museum Internship

- One student will be serving as a student Ambassador to the 9/11 Museum. Ten of 500 applicants were chosen He will spend the year training at the museum and then will be able to guide tours and educational groups.

# MATHEMATICS

## Math Research:

- LI Math Fair competition in Hofstra University: 12 HS students and 18 MS students advanced to the final round.

## Competitions and Contests

- AMC - MS and HS students participated in this National math competition (organized by the Mathematics Association of America)
- NCIML - All Star Challenge- 6 students from the HS Mathletes team advanced to State level math competition.
- M3C Challenge- Herricks HS team placed in the top 20% of 877 teams Nationally and advanced to the 2nd round of the challenge.
- Computer Science- Students in the computing club at Herricks HS participated in a coding challenge: “LI Hacks” in CW post. They also participated in creating an App contest for TCS.

- MS students participated in several math contests and won awards:
  - North Shore Math & STEM Challenge- 8th grade team won the Team Award for problem solving.
  - MathCon Contest- MS students participated in a series of math contests and fourteen students advanced to the National competition held in Chicago.
  - Noetic Math Contest- Grade 8 students won National honor medals as well as team award
  - MOEMS (Math Olympiad contest) 3 individual national honor roll trophies.

# SCIENCE

- One Regeneron Science Talent Search National finalist
- Four students published in scientific journals
- Ten 9th grade students participating in the Molloy College Science Fair
- Nine students participating in the NYS Science and Engineering Fair
- Four students advancing to Round II of the LI Science and Engineering Fair
- Four students selected for the Junior Science and Humanities Symposium
- Thirty-one student projects participating in the WAC Lighting Research Association Science Fair
- Six student participants in the US Biology Olympiad Regional competition
- Twelve student participants in the US Chemistry Olympiad Regional competition; two semi-finalists
- Twenty five student participants in the US Physics Bowl competition
- Five student participants in the Physics  $F=ma$  competition
- Forty-five student participants in the Nassau County Science Olympiad, with fifteen medals awarded
- Two teams selected to represent Herricks HS in the Northwell Health SPARK Challenge
- Four award winners at the NYS Science and Engineering Fair
- Second Place Grand Award winner at Intel International Science and Engineering Fair

## ENGLISH LANGUAGE ARTS

- 2 Students won National Gold Medal Honors from the Scholastic Writing Contest
- MS student advanced to the regional Spelling Bee
- HS Junior placed 3rd in the Poetry Out Loud Regional Competition
- Over 70 students participated in our Herricks Summer Writing Programs at both the HS and MS
- Brittany Ruisi named Educator of Excellence by the New York State English Council
- Student won 1st place in International Poetry of Resistance Contest, presented by the Social Justice Club
- Student won 1st place in the Kenneth Gambone Writing Contest for 7th grade
- 3 HS student writers won Achievement Awards in the annual National Council of Teachers of English writing contest
- 1 MS student writer won a Promising Young Writers award in the annual National Council of Teachers of English writing contest

# WORLD LANGUAGES

## French:

### National French Exam

HHS Results

2 students scored Gold

10 students placed Silver

6 students placed Bronze

HMS Results

1 student placed Gold

9 students placed Silver

8 student placed Bronze

## Italian

### Italian National Exam

2 seniors won the Edulitalia Scholarship to study in Italy

1 student won a two week educational tour of Italy

1 student won \$100

8 students placed Gold

3 students placed Bronze

National Italian Exam

## INTERSCHOLASTIC ATHLETICS

- 94 Athletes recognized by Nassau County
- 7 athletes participated in NY State Championships
- 25 Scholar Athlete Teams
- 3 graduates are the captain of their college sports team



## **RELATED ARTS and BUSINESS**

- 30 K-12 students participated in the CAANH Art Exhibit and Contest, in collaboration with the Manhasset School District.
  - 10 Herricks students won the top prizes in the art contest
- One student received the Senior Art Scholarship Award from the Nassau County Art Supervisor Association
- DECA School Store awarded Gold Level status by DECA International as a School Based Enterprise
- One student won 2nd place award in the annual Virtual Enterprise "Elevator Pitch" competition at CW Post.
- 11 Virtual Enterprise students received top honors at the 19th Annual Emerging Leaders Conference sponsored by the Huntington Chamber of Commerce.

## MUSIC

- Herricks MS Tri-M Chapter was named 2nd place for chapter of the year competition
- Herricks HS- 16 students accepted into All State
- Herricks HS- 1 student named Long Island Scholar Artist for Music Category
- Herricks HS Orchestra 3rd place in American Prize Competition for Orchestra Performance.
- Herricks HS Chamber ORchestra 3rd place in American Prize Competition for performance of American Music.
- Ranked among the best communities for Music Education by the NAMM foundation for 2019

# Class of 2019

## Post-Graduation Plans

**4-yr. College** 277

**2-yr. College** 19

**Military Service** 0

**Employment** 2

**Other Post-Secondary** 6

**Non-Grad** 2

**Total Students** 306

99% Graduation Rate (Aug.)

97% Plan to Attend College (self-report)

# Class of 2019

## 4-Year Colleges with Highest Initial Enrollment

- ◆ Adelphi University
- ◆ Binghamton University
- ◆ Boston College
- ◆ Boston University
- ◆ Buffalo University
- ◆ University of Connecticut
- ◆ Cornell University
- ◆ CUNY – Macaulay Honors College
- ◆ Drexel University
- ◆ Fordham University
- ◆ The George Washington University
- ◆ Hofstra University
- ◆ Long Island University: C.W. Post
- ◆ University of Maryland
- ◆ University of Michigan
- ◆ New York Institute of Technology
- ◆ New York University
- ◆ Northeastern University
- ◆ Pennsylvania State University
- ◆ Purdue University
- ◆ CUNY Queens College
- ◆ Quinnipiac University
- ◆ Rensselaer Polytechnic Institute
- ◆ Rochester Institute of technology
- ◆ University of Rochester
- ◆ Rutgers University
- ◆ St. John’s University
- ◆ Stony Brook University
- ◆ SUNY Cortland
- ◆ SUNY Old Westbury
- ◆ SUNY Oneonta
- ◆ SUNY Oswego

# Class of 2019 College Enrollment

- ❖ Adelphi University
- ❖ Albany College of Pharmacy and Health Sciences
- ❖ Barnard College
- ❖ Binghamton University
- ❖ Boston College
- ❖ Boston University
- ❖ Brandeis University
- ❖ Brown University
- ❖ Bryant University
- ❖ Caldwell University
- ❖ Carnegie Mellon University
- ❖ Columbia University
- ❖ Cornell University
- ❖ CUNY Baruch College
- ❖ CUNY Brooklyn College
- ❖ CUNY Hunter College
- ❖ CUNY John Jay College of Criminal Justice
- ❖ CUNY Macaulay Honors College
- ❖ CUNY New York City College of Technology
- ❖ CUNY Queens College
- ❖ Dartmouth College
- ❖ Drexel University
- ❖ Duke University
- ❖ East Stroudsburg University of Pennsylvania
- ❖ Eastman School of Music of the U of Rochester
- ❖ Emory University
- ❖ Fairfield University
- ❖ Fashion Institute of Technology
- ❖ Florida Gulf Coast University
- ❖ Fordham University
- ❖ Georgia Institute of Technology
- ❖ Harvard College
- ❖ Hofstra University
- ❖ Indiana University at Bloomington
- ❖ Ithaca College
- ❖ Johns Hopkins University
- ❖ Johnson & Wales University
- ❖ Lafayette College
- ❖ Le Moyne College
- ❖ Lincoln Technical Institute - Queens
- ❖ Long Island University, Post
- ❖ Loyola University Maryland
- ❖ Massachusetts College of Pharmacy & Health Sciences
- ❖ Molloy College
- ❖ Muhlenberg College
- ❖ Nassau Community College
- ❖ New England Institute of Technology
- ❖ New York Institute of Technology
- ❖ New York Institute of Technology-Manhattan Campus
- ❖ New York University
- ❖ Northeastern University
- ❖ Pennsylvania State University
- ❖ Pratt Institute
- ❖ Purdue University
- ❖ Quinnipiac University
- ❖ Rensselaer Polytechnic Institute
- ❖ Rhode Island School of Design
- ❖ Rochester Institute of Technology
- ❖ Rutgers University - Camden
- ❖ Sacred Heart University
- ❖ San Diego Mesa College
- ❖ St. John's University
- ❖ St. Lawrence University
- ❖ Stanford University

## Class of 2019 College Enrollment (cont'd)

- ❖ SUNY Albany
- ❖ SUNY Buffalo State College
- ❖ SUNY Buffalo University
- ❖ SUNY College at Cortland
- ❖ SUNY College at Geneseo
- ❖ SUNY College at Old Westbury
- ❖ SUNY College at Oneonta
- ❖ SUNY Farmingdale State College
- ❖ SUNY Maritime College
- ❖ SUNY New Paltz
- ❖ SUNY Oswego
- ❖ SUNY Stony Brook University
- ❖ Temple University
- ❖ The George Washington University
- ❖ The University of Scranton
- ❖ Tufts University
- ❖ Union College
- ❖ United States Merchant Marine Academy
- ❖ University of California, Santa Cruz
- ❖ University of Colorado at Boulder
- ❖ University of Connecticut
- ❖ University of Delaware
- ❖ University of Florida
- ❖ University of Georgia
- ❖ University of Hartford
- ❖ University of Illinois at Urbana-Champaign
- ❖ University of Maryland, College Park
- ❖ University of Massachusetts, Amherst
- ❖ University of Massachusetts, Lowell
- ❖ University of Miami
- ❖ University of Michigan
- ❖ University of Minnesota, Twin Cities
- ❖ University of New Haven
- ❖ University of North Carolina at Wilmington
- ❖ University of Rochester
- ❖ University of South Florida
- ❖ University of Vermont
- ❖ University of West Florida
- ❖ Vassar College
- ❖ Virginia Tech
- ❖ William Paterson University of New Jersey

## In summary...

- 01 Increased mastery rates on most Regents exams
- 02 Increase in number of students enrolled in AP courses
- 03 Increase in percentage of students achieving an AP score of 4 or higher
- 04 Increase in percentage of students receiving Advanced Regents Diplomas