



BOARD OF EDUCATION MEETING

November 17, 2016

Administrative Report

State of the District:

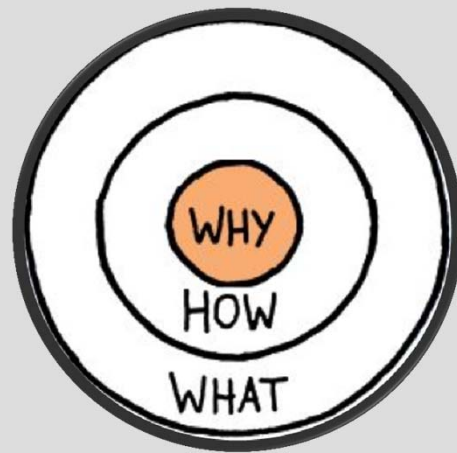
Secondary Program Highlights & Academic Achievement





WHY?

THE MOST IMPORTANT QUESTION TO ASK

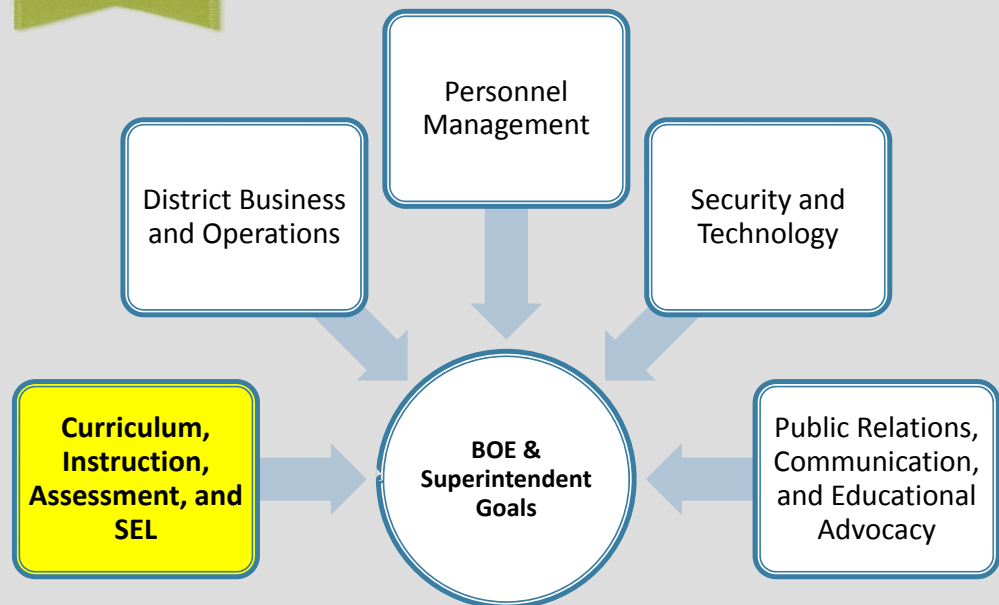


In Commack it has been and continues to be our vision that all students become prepared with the knowledge, attitudes, habits, and skills to achieve whatever it is they want to achieve at their next level of learning.

-Dr. Donald James,
Superintendent of Schools



Working Towards Goal Attainment



Research and develop an age-appropriate curriculum as defined by the Commack UFSD.

Impart student understanding of how their actions and words affect others in person and online.

Promote the concept that student assessment must support learning and guide instructional practices.

Continue the expansion and acceleration of the curriculum alignment and articulation process in Grades Kindergarten through 12

Continue to develop a diverse learning program at the secondary school rich with a variety of opportunities in which all students can be provided access and choice.



The Secondary Education Program: Exceeding State-Requirements with a Well-Rounded Educational Program: *Self-Directed, Personalized Programs and Courses of Study*



College Level Courses
with College-Credit
Earning Opportunities

Pre-IB, Pre-AP, and
Enriched Courses

Television & Radio
Studio and Programs

Fine Arts, Music,
Business & Technology

School-to-Work,
Technical and Business
Training,
and Internships

Electives
(Robotics, Dance,
Mysteries of the
Universe)

Science Research

Wilson Tech Program

IB, AP, & PLTW

SEL Programs

Honor Societies,
Athletics, Clubs



BEGINNING WITH THE END IN MIND: SECONDARY PROGRAM HIGHLIGHTS

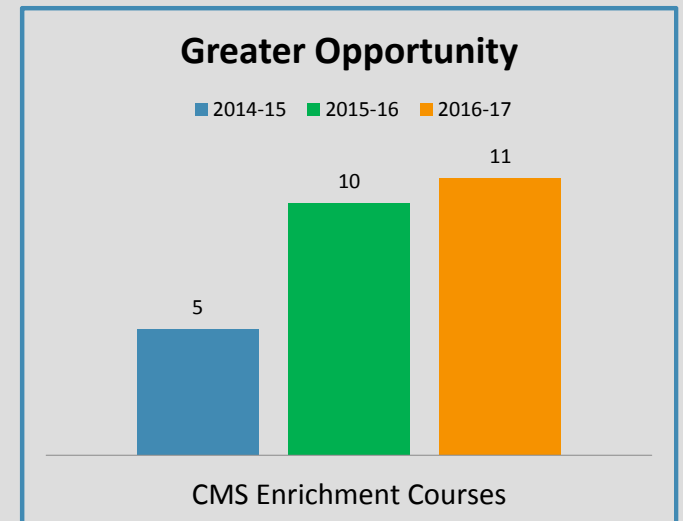
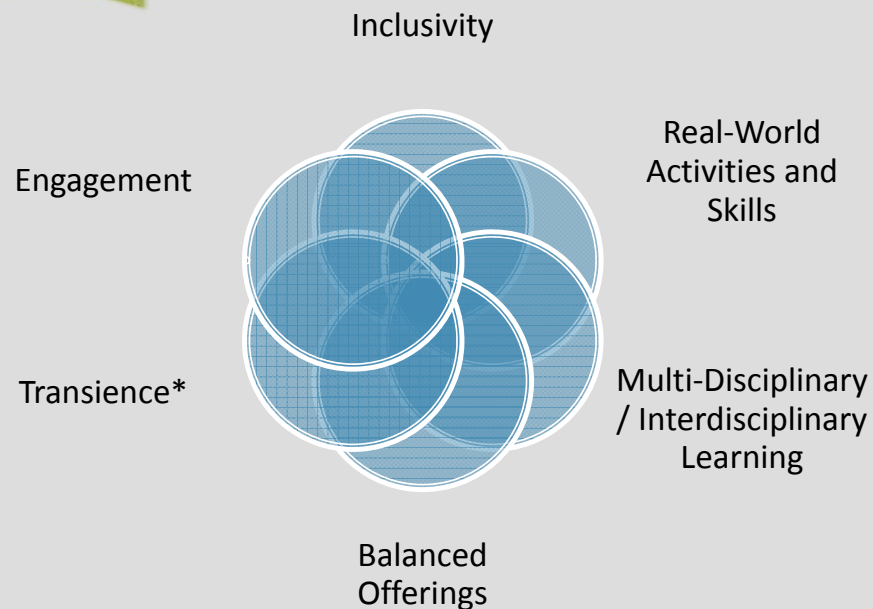
Secondary School Highlights

- Additional Opportunities for Enrichment at Commack Middle School
- Greater Access to “Try On” College-Level Learning at Commack High School
- Enhancing Teaching and Learning with Technology
- Athletics
- The Arts





Enrichment by Design at Commack Middle School

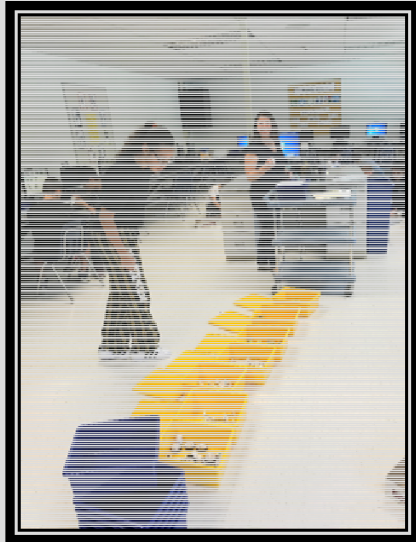


A Framework for Enrichment Design

*Ability for students to move into courses at the beginning of the quarter, as appropriate



Additional Opportunities for Enrichment at Commack Middle School



S.T.E.M.	Creative Connections	Global Citizens
Math/Science Research	Project Humanity	Digital Media
Gaming and Coding	Leaders of Tomorrow	Objective Detectives: Forensics
Theater	Writer's Studio	Robotics

Currently, the Enrichment Program is offered to 7th and 8th graders in 2016-17

Course selection is driven by student interests



New Courses & Opportunities
2014-2015
2015-2016
2016-2017

Note: Project Humanity was discontinued in 2015-16 due to low student interest



Robot Tech at Commack Middle School

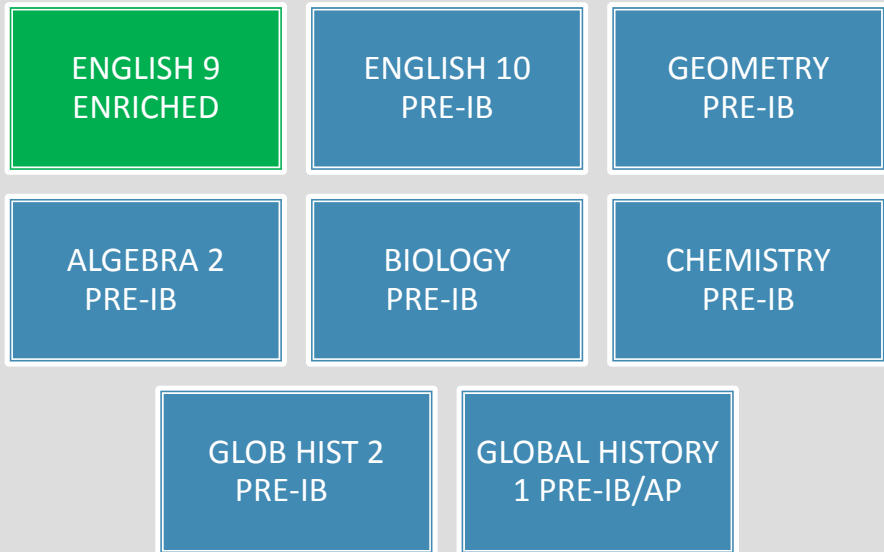
Robot Technology at Commack Middle School

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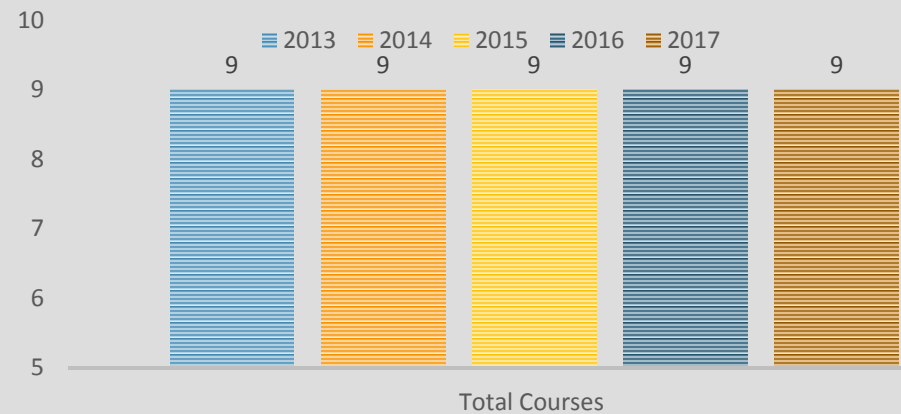




Preparing for College-Level Learning: New to Access & Opportunity



PRE-IB, PRE-AP, AND ENRICHED COURSES AT CHS



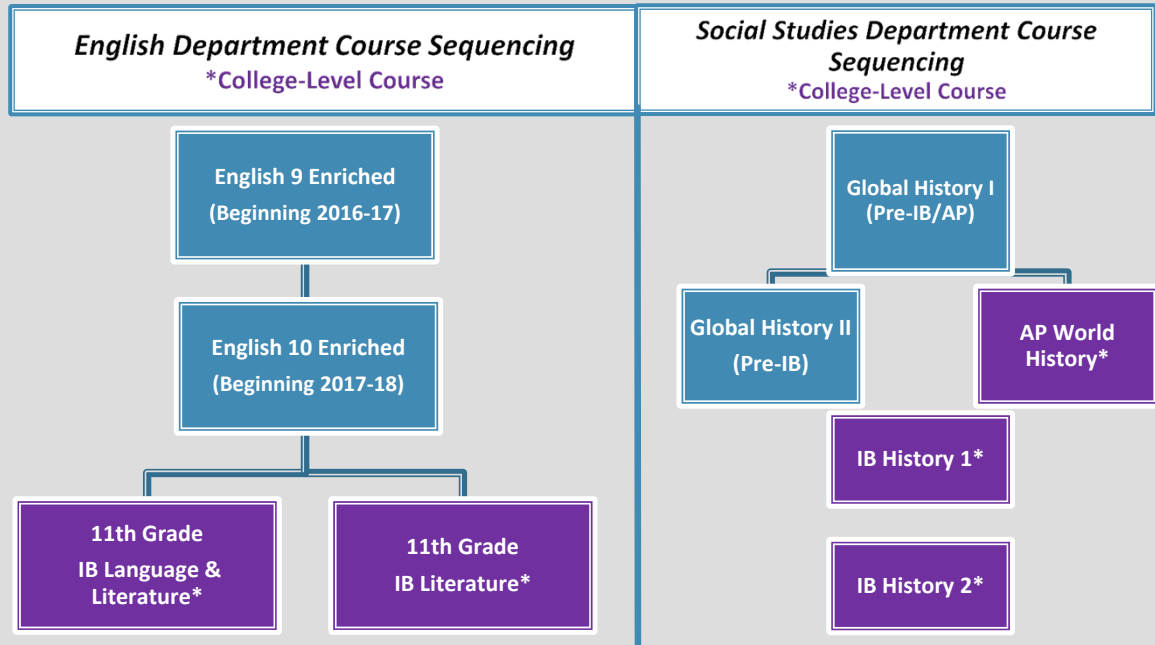
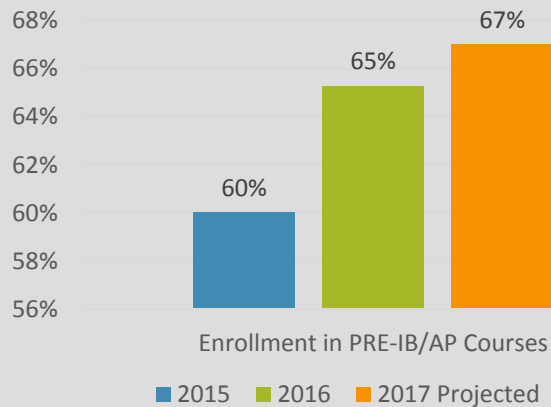
Our goal is for every student to “try-on” college before they graduate. We want all of our graduates to participate in at least one college-level course before they go to college.

Note: English 9 Enriched replaced English 9 Pre-IB and Global History 1 Pre-IB/AP replaced World History Enrichment



Preparing for College-Level Learning: New to Access & Opportunity

Cohort Enrollment in Pre-IB, Pre-AP, or "Enriched" Courses



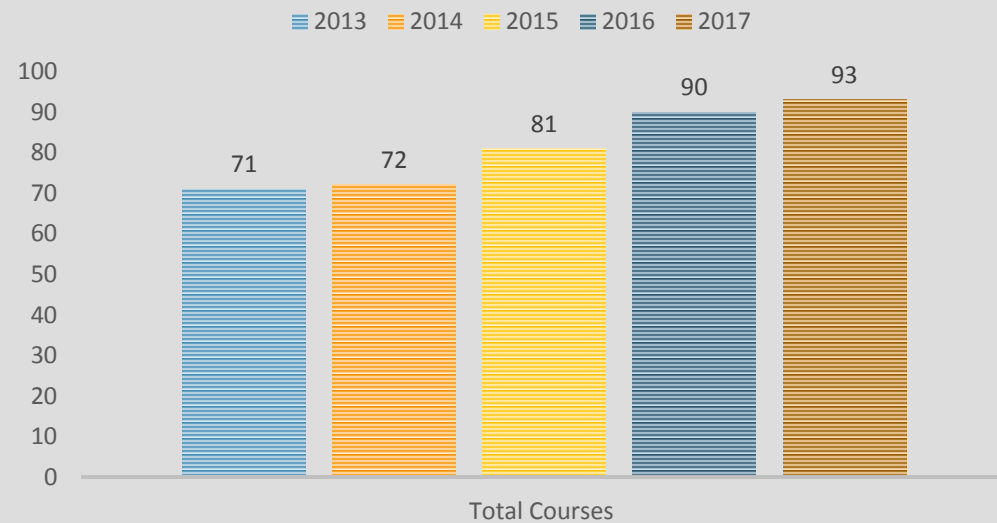


Greater Access to “Try On” College-Level Learning

COLLEGE-LEVEL COURSES

IB Chemistry SL	World History Enrichment	Python Math	Business and Personal Law (CW Post)
Adv. Studio Production (SCCC)	TV Studio Production (SCCC)	Pre-Calculus (SCCC)	College Marine Biology (SCCC)
Spanish Language and Culture 2 (SCCC)	IB Language and Literature	AP Human Geography	Pre-AP World History
Intro to Dance	AP World History	Italian Language and Culture (SCCC)	PLTW Design & Drawing Production (RIT)
	AP/PLTW Computer Science & Software Engineering	IB Global Politics SL	PLTW Civil Engineering and Architecture

New Courses & Opportunities
2013-2014
2014-2015
2015-2016
2016-2017

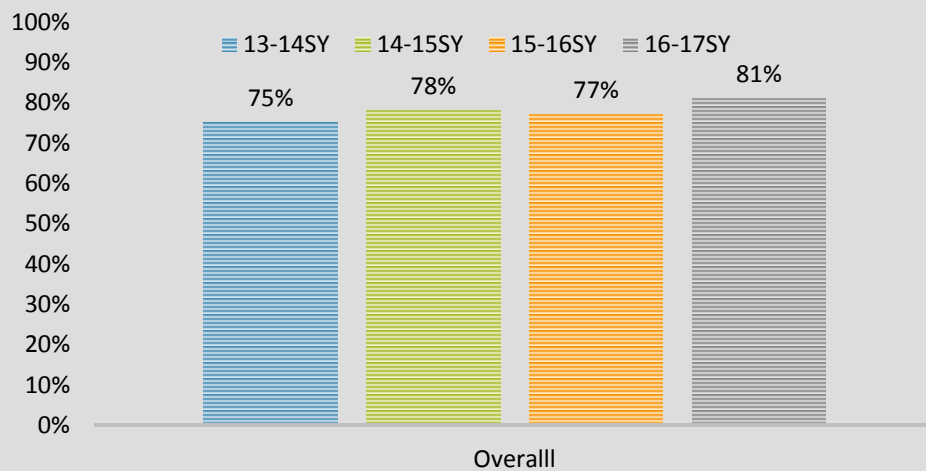


All courses are taken predominantly by 11th and 12th graders. Some 10th graders may be enrolled in “college-level” courses such as AP World, AP Human Geo, and PLTW.

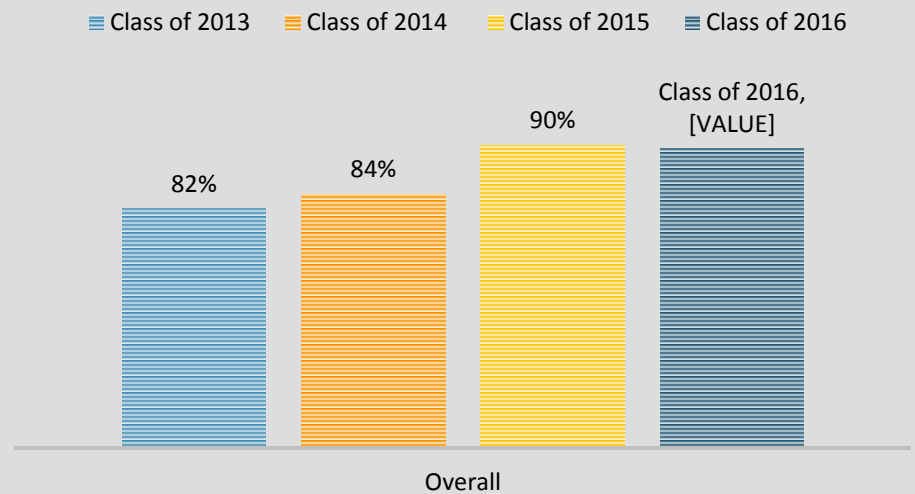


“Trying On” College-Level Learning from Year-to-Year

PERCENT OF 11TH AND 12TH GRADERS ENROLLED IN A “COLLEGE-LEVEL” COURSE BY SCHOOL YEAR



PERCENT OF GRADUATES ENROLLED IN AT LEAST ONE COLLEGE-LEVEL CLASS





*Fruit Fly research in collaboration
with Stanford University*



STANMACK

Goal: Students are developing unique types of fruit flies for scientists to use to study human diseases such as diabetes, nerve and muscle disorders

2 Teachers, 1
Student Completed
Training at Stanford
University

Classroom
Infrastructure and
Equipment in Place

Students Carrying
Out Genetic Crosses

Weekly
Communication and
Video Conference
with SU Scientists



ENHANCING TEACHING AND LEARNING WITH INSTRUCTIONAL TECHNOLOGY

Training

- **40+ teachers earned Microsoft Innovative Educator Status**
- 8 Summer Workshops Well Attended
- Training provided to Clerical Staff
- Faculty meetings devoted to training at all levels
- Many Hours of After School PD Devoted to Learning More

Instruction

- **Classroom** – Teachers in social studies have been using Microsoft Classroom to “continue the conversation” by posting prompts that students answer and reply to one another
- **OneDrive** – Student groups have been collaborating on projects using shared documents in their OneDrive. This has allowed students to contribute whether they are in class or not, using any device
- **Forms** – Teachers have created ‘Forms’ (surveys) to collect data in math and science classes and have been using that data to chart results

Smart Schools

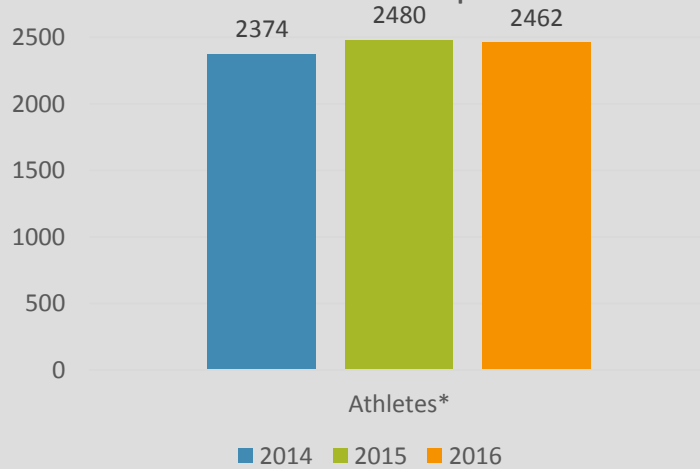
- Board-Approved and submitted to SED in April 2016
- **Equipment to support the use of O365 as a means for collaboration and creativity**
- SED requested revisions in late summer and resubmitted in August
- As of November 10, 2016, Commack's application remains in the “Expenditure Review” stage
- One more stage remains before approval
- More to come in a future State of the District Report





COMMACK ATHLETICS

Participation in Interscholastic Sports



5-Years in a Row: NYS PHSAA Scholar Athlete Team School of Distinction Award!



Girls Varsity Tennis team is the LEAGUE 1 CHAMPIONS and SUFFOLK COUNTY CHAMPS!



Girls Varsity Soccer LEAGUE CHAMPS



8 Fall Teams Qualified for Playoffs



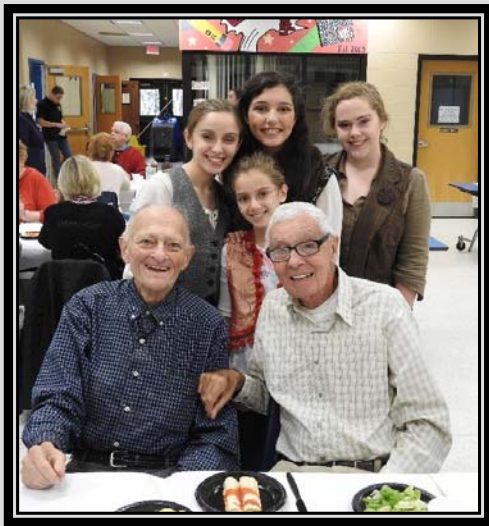
Fall Athletic Teams Participated In Numerous Community Youth and Charity Events

* As of the first day of the season for each sport
NOTE: This is a non-distinct count of student-athletes



COMMACK PERFORMERS

6-Years in a Row: NAMM Foundation's Best Communities for Music Education



Newsday Marching Band Festival 2016: An outstanding performance by the Commack Marching Band and the Commack Cougarette Kickline!



Future Business Leaders of America / NYS Business & Marketing Honor Society Induction Ceremony.



The successful High School *Masque & Wig* production of the drama, *A Mid Summer's Night's Dream*



Students selected to participate in the annual: NYSCAME/SCMEA All-County Festival, LISFA All-County Festival and the NYSSMA All-State Festival.



District Office Art Display Project & Reception



Festival of the Arts





ACADEMIC ACHIEVEMENT AND POST-SECONDARY PLANS:

THE CLASS OF 2016





COMMACK HIGH SCHOOL: CLASS OF 2016 REPORT

Why report by class?



No Class of Students is the Same

No Two School Years Are Alike

Classes Can Be Exposed to New or Changing Variables
(i.e. Common Core Regents Exams or Graduation Requirements)



MEET THE CLASS OF 2016

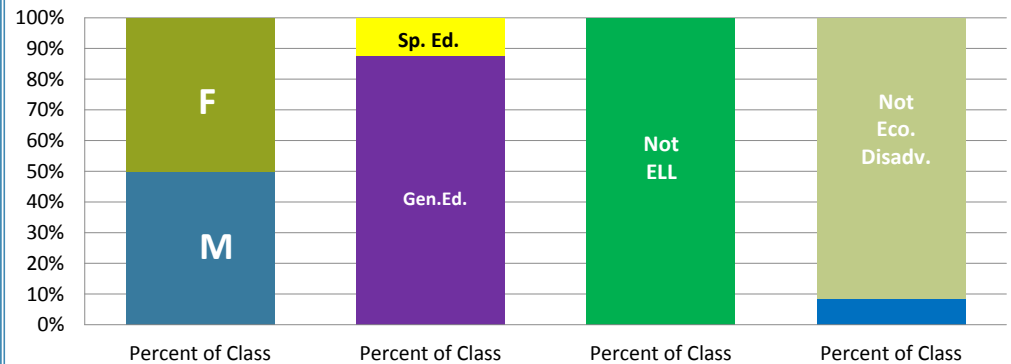
Class of 2016 Demographic Statistics

636 Students

- 318 Females
- 318 Males
- 558 General Education Students
- 78 Students with Disabilities
- 0 English Language Learners (ELLs)
- 53 Economically-Disadvantaged Students

Class of 2016 Demographic Statistics

- Male → ■ Female
- General Education Students → ■ Students with Disabilities
- ELL → ■ Not ELL
- Economically Disadvantaged → ■ Not Economically Disadvantaged





CLASS OF 2015: GRADUATION STATISTICS AND DIPLOMA ACHIEVEMENT

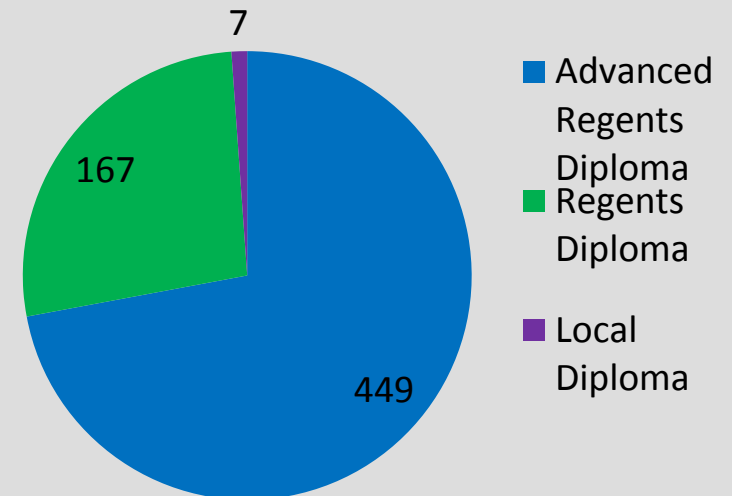
Class of 2016 Graduation Statistics

623 (97.9%) Students Graduated*

- 449 Regents Diplomas with Advanced Designation
- 167 Regents Diplomas
- 7 Local Diplomas

*"Our aim in Commack is to prepare every student for whatever they want to achieve when they leave our schools."
-Dr. Donald James*

Diploma Achievement: Class of 2016



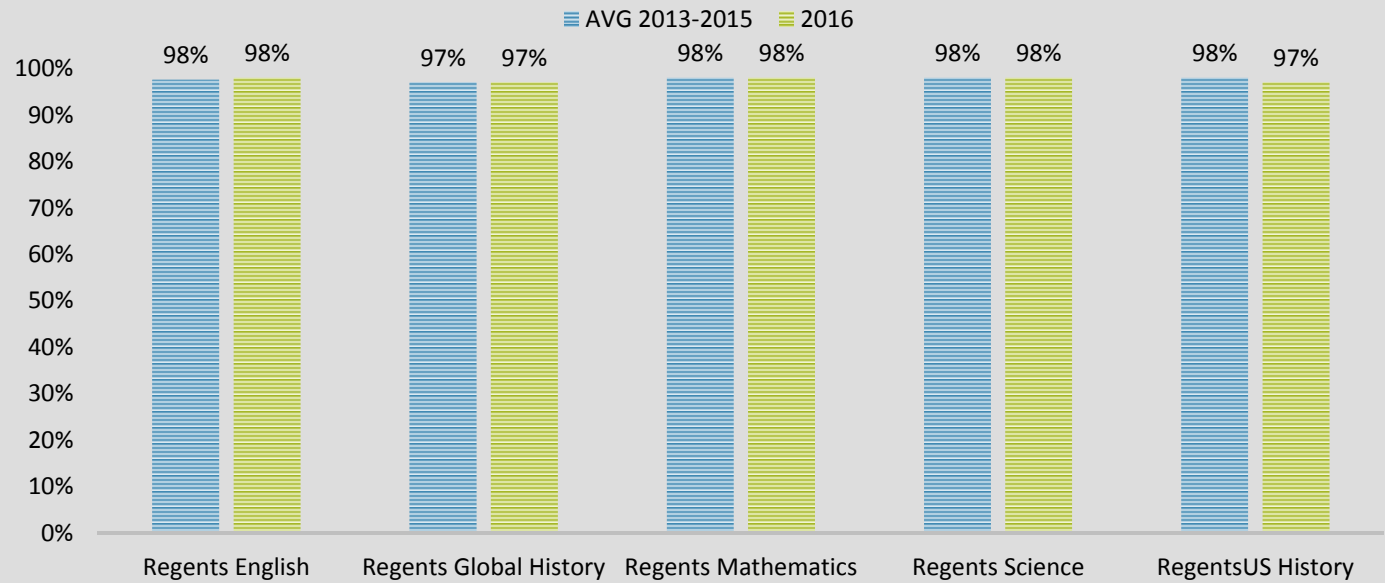
NOTE: 13 Non-Graduates includes IEP Diploma with Commencement Credentials (3), Still Enrolled (9), Dropped Out (1), Still Enrolled includes students who did not meet diploma requirements (includes Students with Disabilities).

*As of June 2016

Data Source: SIRS-201 NYSED L2RPT



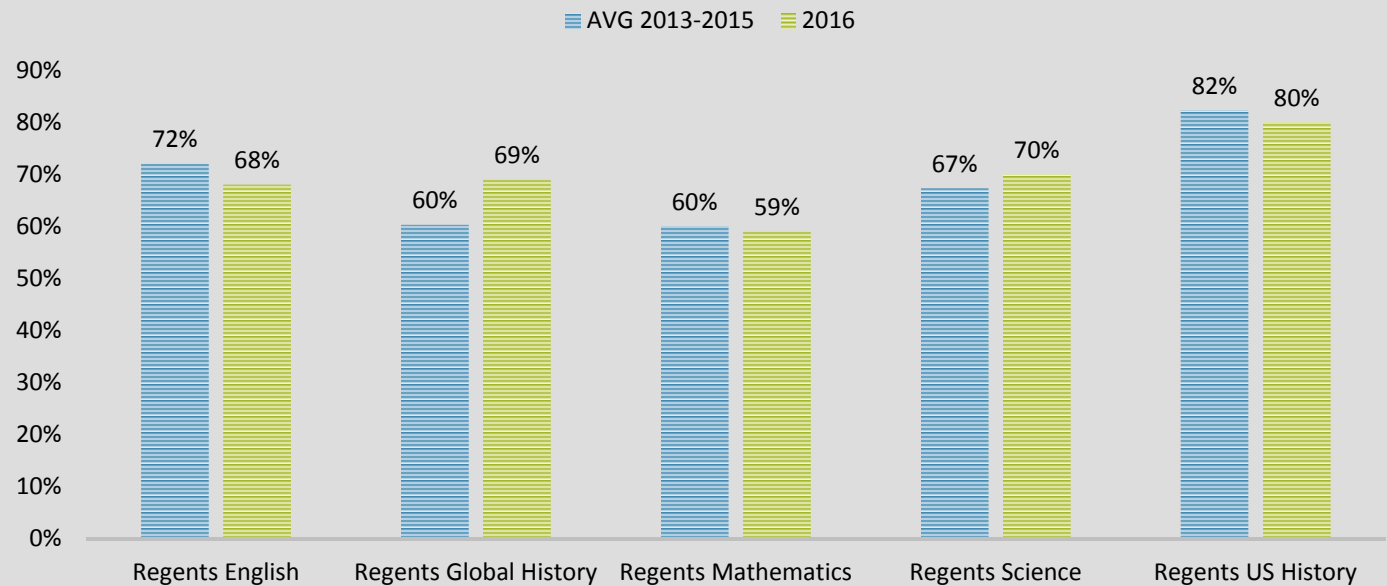
COMMACK HIGH SCHOOL: CLASS OF 2016 REPORT REGENTS PASSING RATE (65+)





COMMACK HIGH SCHOOL: CLASS OF 2016 REPORT

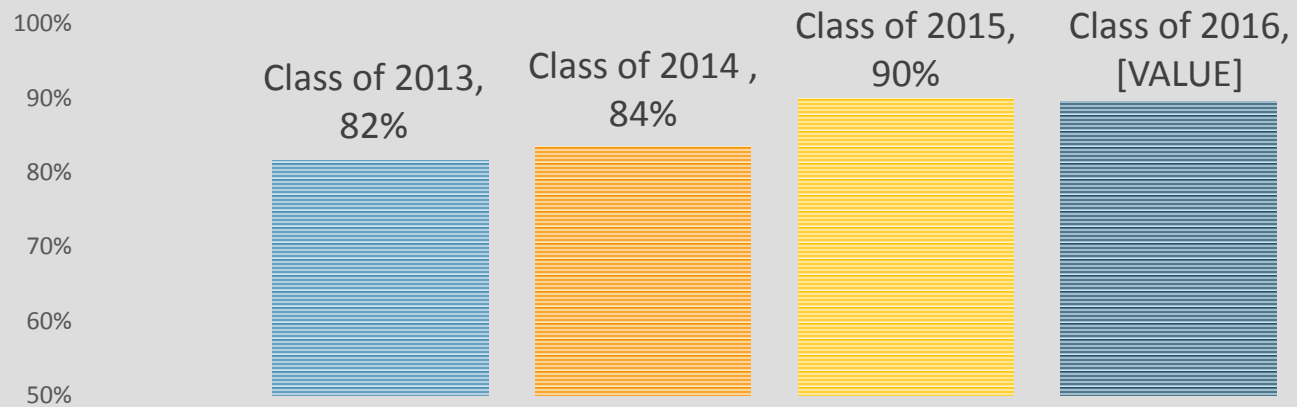
REGENTS MASTERY RATE (85+)





COMMACK HIGH SCHOOL: CLASS OF 2016 REPORT

Student Participation In At Least One College-Level Course by Graduation

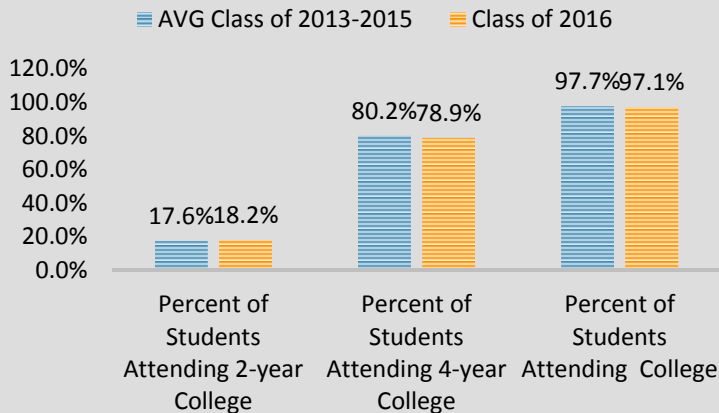


	Class of 2014	Class of 2015	Class of 2016
Enrolled in <u>1 or more</u> college-level course	84%	90%	90%
Enrolled in <u>3 or more</u> college-level course	65%	72%	76%
Enrolled in <u>5 or more</u> college-level course	53%	62%	64%



COMMACK HIGH SCHOOL: CLASS OF 2016 REPORT

COLLEGE ATTENDANCE FOR THE 2016 COHORT



The Class of 2016 Performs Above Averages

- Outperformed the State SAT AVG of 1,450 by 210 pts (**Class of 2016 AVG is 1660**)
- Outperformed the State ACT AVG of 23.9 by 0.8 pts (**Class of 2016 AVG is 24.7**)



The Class of 2016 Earns Millions of Dollars in Scholarship

- Graduates Earn **\$45,007,889** in Scholarships
- Breaks the Record by \$4.4 Million
- Includes: 4 National Merit Scholarship Semi-Finalist/Finalist, 16 National Scholarship Commended Students, 19 NYS Merit Scholarships, and more!



The Class of 2016 Attends Various Colleges and Universities

- 306 Attending Very Competitive Schools
- 164 Attending Most- and Highly-Competitive Schools
- 116 Attending Less- and Non-Competitive Schools

Most Competitive - Brown, Harvard, Georgetown, Princeton, Duke, Cornell, Yale
 Highly Competitive - SUNY Binghamton, Drexel, UCONN, Fordham, SUNY Geneseo,
 Very Competitive - Adelphi, SUNY Albany, SUNY Buffalo, Fairfield, Rutgers
 Competitive - Arizona State, Iona, LIU, Rider, SUNY Farmingdale, SUNY Cortland
 Less Competitive - St. Francis, CUNY Lehman, CCNY
 Non-Competitive - SCCC, NCCC

Data Source: Counseling Center Analysis
 SAT and ACT 2016 Profile Report



THANK YOU

October

Presentation of the
Superintendent's Goals

November

State-of-the-District Report:
District Exit Data and
Secondary Program
Highlights

December

State-of-the-District Report:
Elementary School Program
Highlights

January

State-of-the-District Report:
Technology, Extracurricular
Activities, and Other

February

State-of-the-District Report:
Facilities and Security

Additional Presentations to Come:
Regents Graduation Requirements Update
Summary of Program Review Projects