

Putnam Valley High School



Preparing Our Students To Be
College and Career Ready
2015 – 2016

Current Initiatives

- **Programs That Support Students:**
 - Select Skills Program: Provides additional support to students in a small study hall setting.
 - Three Week Monitoring Program: Collaborative examination by teachers to identify students who may be at risk and initiate interventions to support these students.
 - Lunch Bunch Program: Focus is on the transition from Middle School to High School for our Grade 9 Students.
 - Algebra I Extended Time: Currently provides additional instructional time for students taking Algebra 1 CCLS. Students receive an additional instructional period every other day.

Current Initiatives

- **Programs That Support Students:**
 - Math Labs: Currently offer 2 labs in Geometry and Algebra 2/Trig to provide additional instructional opportunities for students to learn and be successful in these regents level math courses.
 - Writing 9: Currently offer this writing course to all students enrolled in English 9 as part of a universal Academic Intervention Program.
 - Critical Thinking In Math & Literacy: Provides support and instruction to students preparing to take the SAT's in their Junior Year.

Current Initiatives

- **Programs That Support Students:**
 - Learn Program & Pass Program: Provides special needs students with a small-school setting/approach within the context of a larger high school setting.
 - Learning Center & Collaborative Classroom Programs: Special Education Programs that provide additional support and instruction to students within the mainstream school per the IEP.
 - Twilight Program: An afterschool program that focuses on assisting students to meet the graduation requirements.
 - Peer Mentoring Program: This program has been launched by the guidance department to provide an organized and systematic approach to peer tutoring at PVHS.

Current Initiatives

- **Programs That Support Students:**
 - Academic Eligibility Program: An afterschool program to support students identified at mid-quarter and end of quarter marking periods who have failed 2 or more courses.
 - School Support Specialist: Meets with students daily, updates faculty with resources and facts about substance abuse on a monthly basis, provides parents & students with information about outside resources, and supports the SADD Club activities.
 - School Psychologist: With the additional school psychologist we have been able to provide increased support to students in the PASS and LEARN Programs as well as to those students who are non-mandated students.

Current Initiatives

- Programs Designed to Enable Students to Earn College Credit:
 - Advanced Placement Courses: We currently offer 12 advanced placement courses (16 sections) to more than 300 students in English, Math, Social Studies, Art, and Science.
 - College Courses: We currently offer 5 college level courses through Dutchess Community College in Math and Science.

Current Initiatives

- **Programs Designed to Enrich Students:**
 - Music Program: Currently 232 students participate in the Choral, Band and Music Electives at PVHS .
 - Art Program: Currently 167 students participate in Art Electives at PVHS.
 - LOTE: More than 70 students participate in LOTE courses at the 4th & 5th year of study.
 - BOCES New Visions Programs: College preparatory programs for students in Health, Engineering, Environmental Studies and Education.
 - BOCES Tech Programs: These 1 & 2 year vocational programs allow students to explore and prepare for careers in vocational fields.
 - Clubs/Extracurricular Activities: After-school opportunities that allow students to participate in a variety of organized activities that meet their interests and provide valuable experiences.

Proposed Initiatives

- Senior Internship / Independent Project Experience:
 - High School students must acquire real-world skills to be successful in college and the world of work. The Senior Internship/Independent Project Experience will prepare students of all ability levels to be successful in an ever-changing world by developing those skills. Students will be empowered to direct their own learning experience by pursuing an interest that may influence future aspirations.

Proposed Initiatives

- Senior Internship / Independent Project Experience:
 - The Senior Internship Experience is a half-year, second semester course for seniors that allows students to participate in either an on-site Internship Experience or to conduct an Independent Project. The course will be co-taught by two teachers (English and Social Studies) who will also serve as mentors to these students. Upon successful completion of the Senior Internship/Independent Project Experience students will receive a 1/2 credit for English 12 and a 1/2 credit for Participation in Government.

Proposed Initiatives

- STEM-D Program:
 - This is a year-long elective course for students who have an interest in exploring, utilizing and integrating various types of technology to create, build, or invent. This course will consist of several subjects or strands such as Science, computer science and other Technologies, Engineering, Mathematics, and Design.
 - Students will have an opportunity to explore various computer science career paths; CAD and/or 3-D graphics, Programming, 3-D printing, Video Game Development, as well as Robotics. These subject areas can be taught simultaneously or the student can focus only on one specific area.
 - The class is completely project based and the grading is determined solely on the development process and completion of the individual projects. The course is appropriate for high school students, 9-12. Students may take the course more than once to develop expertise and complete projects in each of the STEM technologies.

Proposed Initiatives

- Year 2 of Authentic Science Research Program:
 - Authentic Science Research Program: A rigorous three year sequence offered through SUNY Albany where students can earn up to 12 college credits.
- College Physics Course:
 - College Physics is a collaborative program with PACE University. Students will undertake the equivalent of a two-semester college algebra based Physics course. Instructors from Pace University will take part in the delivery of instruction through on-line videos as well as providing opportunities for campus visits to take part in laboratory experiments. Students who enroll will be eligible for up to 8 credits from Pace University
- Year 2 of French:
 - Currently 31 students are enrolled in French I.

Proposed Initiatives

- Grade 9 Literacy Program:
 - There is a need to provide students with smaller writing classes in order to guarantee more frequent/timely feedback from teachers, and to better prepare all students for the rigors of writing at the high school level.
 - We plan to offer English-9 and Writing-9 to every 9th grade student enrolled in English 9-R by connecting Writing to the English block every other day in the students' schedule. This will result in students enrolled in smaller writing classes every other day with their same English teacher.

Proposed Initiatives

- Grade 9 Science Seminar-Biology:
 - This ½ credit grade 9 Science elective will allow students to conduct research, extend the topics studied in Biology, and prepare students for the SAT II Biology examination. It will be open to all interested students enrolled in Biology-R. Students will earn Biology Honors credit upon the successful completion of the seminar **and** the achievement of a final grade in the Biology R course/Regents Examination as determined by the Science Department.
- History through Film:
 - This ½ credit Social Studies elective (grades 10 – 12) will allow students interested in history and film to analyze famous historical events that have been made into Hollywood movies.
- Women's Literature:
 - This is a ½ credit senior level English course that will examine the lives of women through their contributions to literature and society.

Cost of Proposed Initiatives

- Cost of implementing College Physics, French II, Women's Literature, and History through Film Courses:
 - We anticipate that these additional English, Social Studies, Science and LOTE elective courses will be implemented within current FTE staffing, and not result in additional staffing costs to the district.
- Cost of implementing the Grade 9 Science Seminar and Year II of Authentic Science Research:
 - There is an additional cost of a .4 FTE Science teacher needed to implement these courses.
- Cost of implementing the Senior Internship / Independent Project Experience:
 - There is an additional cost of a .2 FTE Social Studies teacher and an affiliation fee with WISE that will be needed to implement this program.

Cost of Proposed Initiatives

- Cost for STEM-D Program:
 - There is an additional cost of a .2 FTE Technology teacher that will be needed to implement this program.
- Grade 9 Literacy Program:
 - There is an additional cost of a .4 FTE English Teacher that will be needed to implement this program.

High School Enrollment Overview

Grade	Current Enrollment	Projected 2015-16	Projected Change
9	139	142	+ 3
10	154	139	- 15
11	157	154	- 3
12	152	157	+ 5
Totals	602	592	- 10

PVHS Department Enrollment Data

2014 - 2015

Department	Total Enrollment Including AP & Electives
English	918
Math	710
Science	572
Social Studies	1002
LOTE	346
Art	167
Music	232
Phys. Ed.	602
Health	143

Current High School Staffing: Faculty and Teacher Aides

Department	Staffing
English	6 Teachers *
Math	6 Teachers
Science	7.4 Teachers*
Social Studies	6.8 Teachers*
LOTE	3.8 Teachers
Art	2 Teachers
Music	1.6 Teachers
Physical Education	2.4 Teachers
Health	1 Teacher
Special Education	8 Teachers and 9 Teacher Aides
Guidance	3 Guidance Counselors
School Psychologist	2 Psychologists
Student Support Specialist	.8 Student Support Specialist