



BAYONNE
HIGH
SCHOOL



HONORS PROGRAM AND SCHOLARS PROGRAM COURSE OFFERINGS

DEPARTMENTS

- English Language Arts
- Math
- Science
- Social Studies

2024-2025

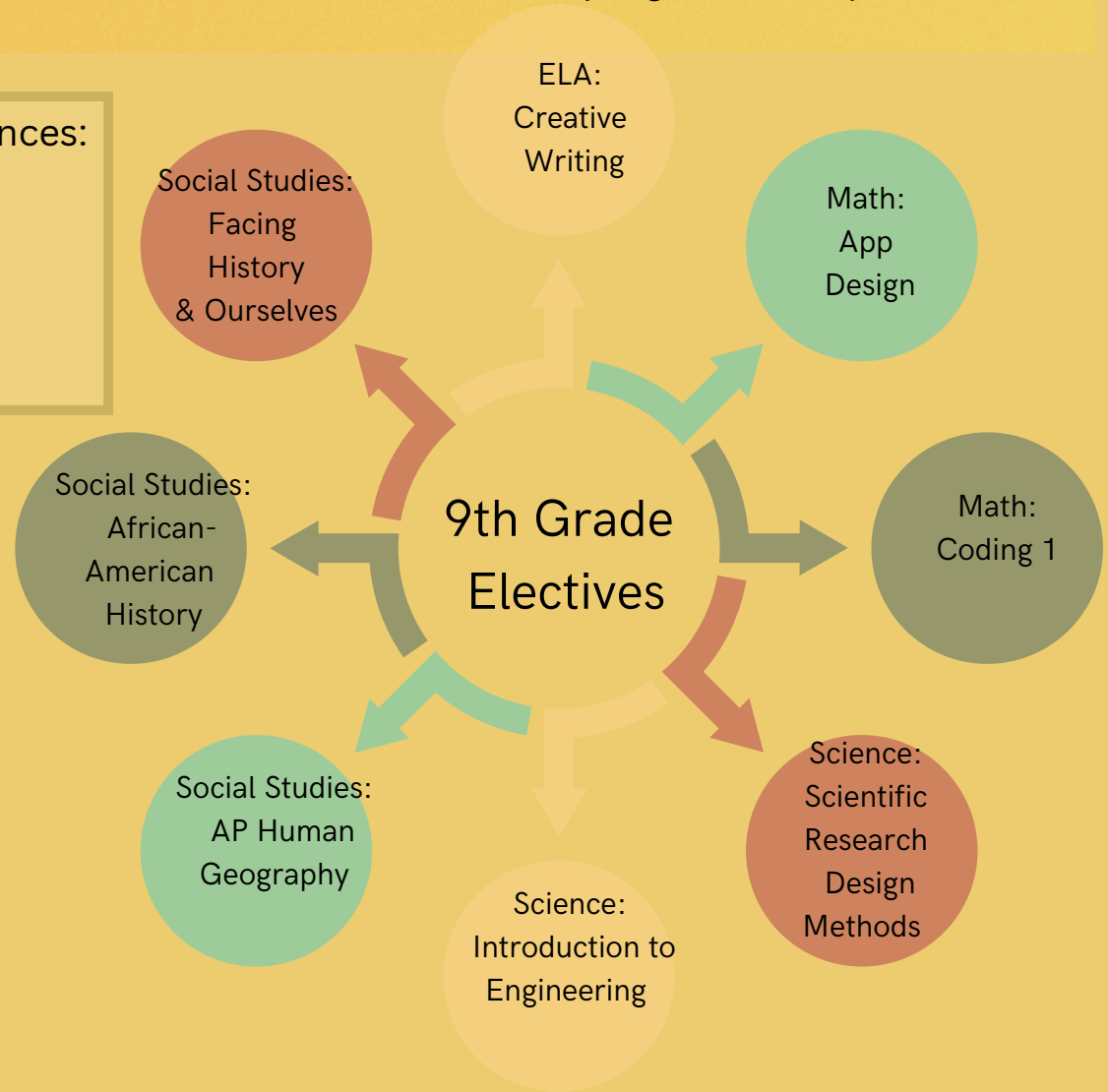
Excellence
begins HERE

The Honors Program at The Bayonne High School:

Push your academic boundaries and join The Bayonne High School's elite Honors Program, a rigorous course of study designed to ignite the minds of our most exceptional students! Students in the Honors Program will dive deep into the challenging Honors English, Honors Math, Honors Science, and Honors Social Studies courses where they will sharpen their critical thinking skills and prepare for admission to the most competitive colleges. Our alumni have amassed millions of dollars in scholarships and been accepted to schools such as Princeton, Harvard, Columbia, NYU, and West Point, among other prestigious institutions. If you are driven and desire the best, this program is for you.

Out of School Experiences:

- Field trips
- Performances
- Competitions
- Guest speakers



SAMPLE HONORS SCHEDULE

9th Grade	10th Grade	11th Grade	12th Grade
Honors Biology	Honors Chemistry	Honors Physics or AP Physics	AP Science (recommended)
Honors Alg I or Geom	Honors Geom OR Alg II OR Double period Honors Alg II & AP Precalculus	Honors Alg II OR AP Pre Calculus OR AP Calculus AB OR AP Stats	AP Math (recommended)
Honors English	Honors English	Honors or AP Language and Composition	Honors or AP Literature and Composition
Honors World History	Honors/AP US1 History	Honors or AP US2 History	Honors or AP European History: (recommended)
World Language	World Language	Elective	Elective
Physical Education	Physical Education	Physical Education	Physical Education
Lunch	Lunch	Lunch	Lunch
Elective	Elective	Elective	Elective

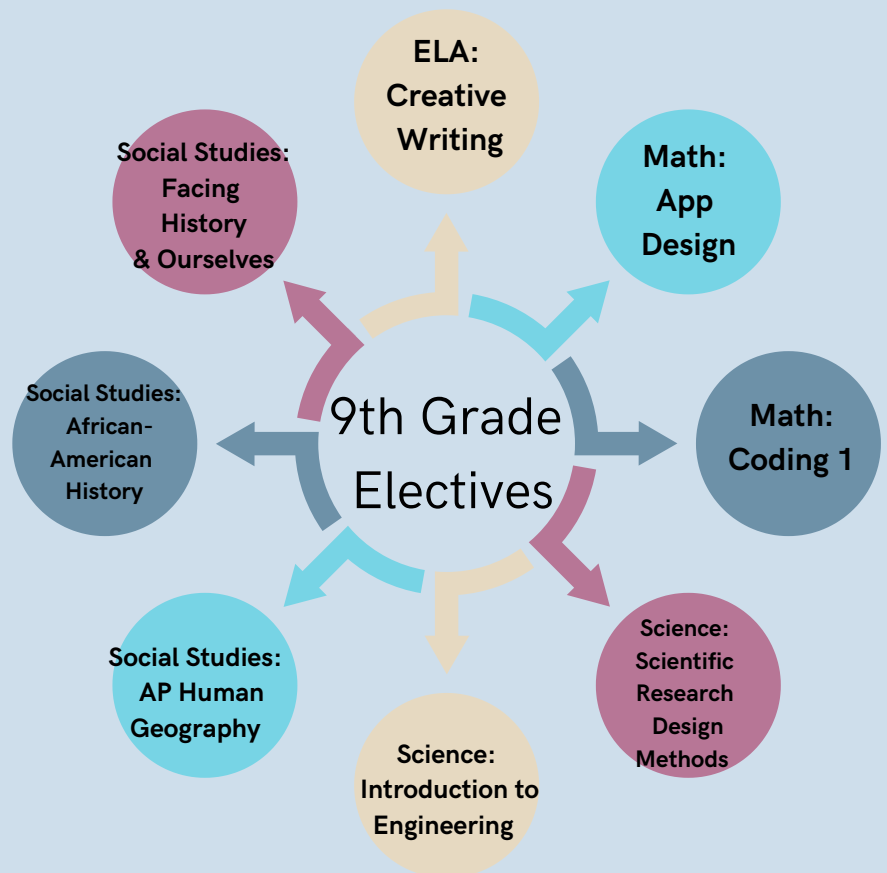
The Scholars Program at The Bayonne High School:

The Scholars Program at The Bayonne High School: Sculpt your academic journey with The Bayonne High School's Scholars Program! This targeted program is designed for high-achieving, well-rounded students like you. A cohort of students, **Scholars will participate in at least one academic honors class along with other level A academic courses so choose either Honors English, Honors Math, Honors Science, or Honors Social Studies and delve deeper into the subject(s) that ignites your passion.** The Scholars Program is the perfect balance for the driven student-athlete or the busy volunteer who craves intellectual challenge without sacrificing the benefits of a well-rounded education. This program is intended for mature students whose positive and productive behaviors, strong work ethic and dedication will allow them to make the most of their High School educational experience.

QUESTION: So what is the difference between Honors and Scholars?

ANSWER: While both programs involve Honors Level Courses, the Honors Program requires that all four core subjects (ELA, Math, Science and Social Studies) be Honors level.

The Scholars Program allows for more flexibility and requires that only one of the core four subjects needs to be Honors Level, the other three subjects may be Level A



SAMPLE SCHOLARS

SCHEDULE

9th Grade	10th Grade	11th Grade	12th Grade
Level A or Honors Biology	Level A or Honors Chemistry	Level A or Honors Physics or AP Physics	AP Science (recommended)
Level A Alg I or Honors Alg I or Honors Geom	Level A Geom or Honors Geometry OR Level A or Honors Alg II OR Double period Honors Alg II & AP Precalculus	Level A or Honors Alg II OR AP Pre Calculus OR AP Calculus AB OR AP Stats	AP Math (recommended)
Level A or Honors English	Honors English	Level A or Honors or AP Language and Composition	Honors or AP Literature and Composition
Honors World History	Honors/AP US1 History	Level A or Honors or AP US2 History	Honors or AP European History: (recommended)
World Language	World Language	Elective	Elective
Physical Education	Physical Education	Physical Education	Physical Education
Lunch	Lunch	Lunch	Lunch
Elective	Elective	Elective	Elective

COURSES BY DEPARTMENT

"IT'S OUR PRIVILEGE TO WORK WITH COLLEGE TRACK STUDENTS AS THEY CHART THEIR COURSE TOWARD A COLLEGE DEGREE - THEY BRING PERSISTENCE, CREATIVITY, AND EXTRAORDINARY DISCIPLINE THROUGHOUT THEIR ACADEMIC JOURNEY."

-LAURENE POWELL JOBS

01

ENGLISH LANGUAGE ARTS

02

MATH

03

SCIENCE

04

SOCIAL STUDIES

English Language Arts



Eligible Class
Grade(s)

(Pre-requisite)

9 GRADE 9 ENGLISH HONORS

This course serves as an examination of literature, including short stories, novels, dramatic literature, and poems from different cultures and time periods, in order to explore how the theme of the journey is treated in a variety of texts. Students will be able to consider how authors treat a similar theme differently, and how it can be impacted by culture and time. Students will learn how to effectively produce written responses in the areas of literary analysis, research simulation and narrative writing. Students who meet the district criteria will be recommended for the course.

**Honors Program
Acceptance**

**Scholars Program
Acceptance**

9 GRADE 9 ENGLISH LEVEL A

English Honors is designed to provide scholars with an engaging and meaningful experience devoted to the reading and analyzing of literary works, developing keen critical thinking, speaking and writing skills. Students will be challenged to closely examine language for its purpose and impact. They will explore the ways a deeper understanding of words and the development of language skills can help them use their voice and value the voice of others. Students who meet the district criteria will be recommended for the course.

**Scholars Program
Acceptance**

“It is literature which for me opened the
mysterious and decisive doors of imagination
and understanding. To see the way others
see. To think the way others think. And above
all, to feel.”
Salman Rushdie

Questions?

Course Offerings

Math

**Eligible
Grade(s)** **Class**

Pre-requisite(s)

“We will always have STEM with us. Some things will drop out of the public eye and go away, but there will always be science, engineering, and technology. And there will always, always be mathematics.”

— Katherine Johnson

9 GRADE 9 HONORS ALGEBRA

Algebra I Honors provides students a strong conceptual understanding of Algebra I in preparation for more advanced mathematics coursework in STEM fields. Students will engage in mathematical learning activities which promote critical thinking and problem solving skills. The overview of the Algebra I curriculum is as follows: seeing structure in expressions, arithmetic with polynomials and rational functions, creating equations, reasoning with equations and inequalities, build and interpret functions, reason and model with linear, quadratic, absolute value and exponential models. The math content standards expectations will intersect with the following math practices: make sense of problems, reason with mathematics, construct viable arguments, model with mathematics, use appropriate tools strategically, attend to precision and look for structure in mathematics. This class is designed to move at a fast pace for mature math students. Students who meet the district criteria will be recommended for the course.

**Honors Program
Acceptance**

**Scholars Program
Acceptance**

9 GRADE 9 ALGEBRA LEVEL A

Grade 9 Algebra I provides a solid foundation in preparation for more advanced mathematics that lead to college and career readiness. Students will engage in mathematical learning activities which promote critical thinking and problem solving skills. The overview of the Algebra I curriculum is as follows: seeing structure in expressions, arithmetic with polynomials and rational functions, creating equations, reasoning with equations and inequalities, build and interpret functions, reason and model with linear, quadratic, absolute value and exponential models. The math content standards expectations will intersect with the following math practices: make sense of problems, reason with mathematics, construct viable arguments, model with mathematics, use appropriate tools strategically, attend to precision and look for structure in mathematics. Students who meet the district criteria will be recommended for the course.

**Scholars Program
Acceptance**

Course Offerings

Math

Eligible
Grade(s)

Class

9 GRADE 9 HONORS GEOMETRY

This class builds upon the mastery of previous math coursework knowledge and prepares students for more advanced mathematics coursework in STEM fields. Geometry is a branch of mathematics that deals with points, lines, angles, surfaces, solids and transformations. Students will recognize, visualize, create, interpret and analyze geometric properties and relationships through models, manipulatives and technology. Coordinate geometry will be used in problem solving situations. The students will apply the principles of congruence and similarity, to compare and make conjectures using reasoning and proof, to verify or refute conjectures. Measurement of two and three dimensional figures will be discovered through formulas and manipulatives. Students are expected to define trig ratios and solve problems involving right triangles. Students will understand and apply theorems about the circle and experiment with transformations. The geometry course expectations will intersect with the following math practices: make sense of problems, reason with mathematics, construct viable arguments, model with mathematics, use appropriate tools strategically, attend to precision and look for structure in mathematics. This course is designed for mathematically mature students and moves at a fast pace. Students who meet the district criteria will be recommended for the course.

“Without mathematics,
there’s nothing you can do.
Everything around you is
mathematics. Everything
around you is numbers”
-Shakuntala Devi

Pre-requisite(s)

Successful
Completion Grade
8 Algebra 1

Honors Program
Acceptance

Scholars Program
Acceptance

SCIENCE

Eligible
Grade(s)

CLASS

PRE-REQUISITE(S)

9

GRADE 9 HONORS BIOLOGY

Grade 9 Biology Honors: Biology Honors is an advanced life science course designed for students to develop an in-depth understanding of the major themes in the life sciences at an accelerated pace. The major themes include organization and development, matter and energy transformation, interdependence, heredity, and evolution and diversity. Students will engage in inquiry based activities, data analysis, virtual simulations, the engineering design process, and complex laboratory investigations with an emphasis on proper laboratory techniques. Additionally, students will be required to use mathematics, organize and interpret data, graphing skills, and statistical analysis. Students who meet the district criteria will be recommended for the course.

**Honors Program
Acceptance**

**Scholars Program
Acceptance**

9

GRADE 9 BIOLOGY LEVEL A

Biology is a life science course designed for students to develop an in-depth understanding of the major themes in the life sciences. The major themes include organization and development, matter and energy transformation, interdependence, heredity, and evolution and diversity. Students will engage in inquiry based activities, data analysis, virtual simulations, the engineering design process, along with laboratory investigations with an emphasis on proper techniques. Additionally, students will be required to use mathematics, organize and interpret data, graphing skills, and statistical analysis. Students who meet the district criteria will be recommended for the course.

**Scholars Program
Acceptance**

"We cannot solve our
problems with the same
thinking we used when we
created them."
Albert Einstein

COURSE OFFERINGS

Social Studies

**ELIGIBLE
GRADE(S)**

CLASS

“Humans, the supremely social mammals, are ethical and intellectual sponges. We unconsciously absorb, for good or ill, the influences that surround us.”

George Monbiot

9 GRADE 9 WORLD HISTORY HONORS

Designed for those students who demand a challenge, our World History Honors curriculum will take students on an in-depth study of the modern world from the Age of Global Encounters to the present day. Honors students must meet the same proficiency requirements outlined for World History Grade 9 but they must also be curious and demonstrate a superior ability to analyze primary and secondary sources, write clearly, think deeply and complete independent projects such as National History Day. Students who meet the district criteria will be recommended for the course.

PRE-REQUISITE(S)

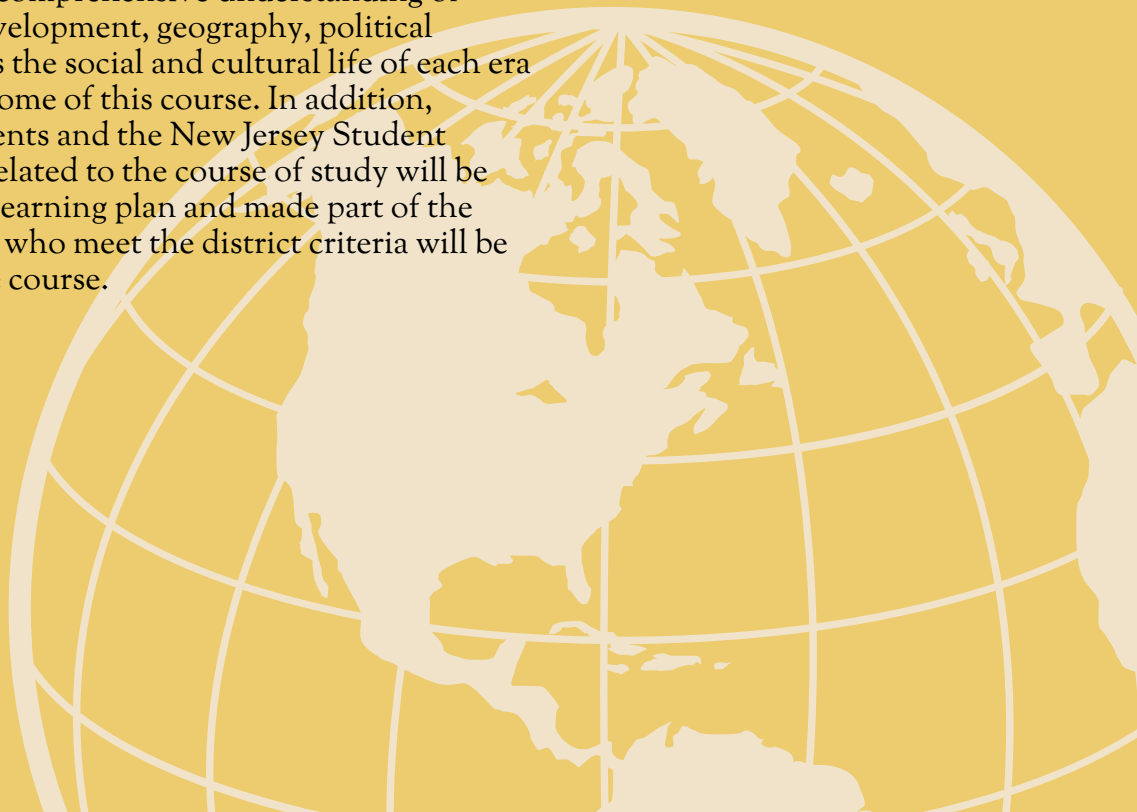
**Honors Program
Acceptance**

**Scholars Program
Acceptance**

9 GRADE 9 WORLD HISTORY LEVEL A

The ninth grade Social Studies program requires the study of the modern world from the Age of Global Encounters to the present. Growth in a comprehensive understanding of history, economic development, geography, political institutions, as well as the social and cultural life of each era is an anticipated outcome of this course. In addition, important current events and the New Jersey Student Learning Standards related to the course of study will be interwoven with the learning plan and made part of the curriculum. Students who meet the district criteria will be recommended for the course.

**Scholars Program
Acceptance**



Social Studies

“Humans, the supremely social mammals, are ethical and intellectual sponges. We unconsciously absorb, for good or ill, the influences that surround us.”

George Monbiot

ELIGIBLE GRADE(S) CLASS

PRE-REQUISITE(S)

9 AP HUMAN GEOGRAPHY

The Advanced Placement (AP) Human Geography course introduces students to the systematic study of patterns and processes that have shaped human understanding, use and alteration of Earth’s surface. Students learn to employ spatial concepts and landscape analysis to examine human socio-economic organization and its environmental consequences. They also learn about the tools and methods geographers use in their research and applications. Students must take the AP Exam in May.

*Students enrolled in AP Human Geography will participate in the AP Human Geography Exam.

**This course is offered during Zero Period.

Department
Recommendation

9,10 11,12 AFRICAN AMERICAN HISTORY

This is a full year course offered to all students. Dedicated to exploring the history, culture and contributions of African-Americans, this course begins with an overview of Africa prior to the start of the Atlantic Slave Trade and ends with and exploration of relevant contemporary issues.

None

9,10 11,12 FACING HISTORY AND OURSELVES

This course offers all students the opportunity to explore the root causes and effects of genocide and discrimination. Students will learn about certain historical events such as the Holocaust and the Rwandan genocide while also exploring sociological reasons for individual and group behaviors. Additionally, students will also study the American Civil Rights Movement. Several texts will be used in this class but the core resource will be The Holocaust and Human Behavior.

None