

WEST WINDSOR - PLAINSBORO
HIGH SCHOOLS NORTH & SOUTH

Scheduling Booklet for Class of 2022



2018-2019

Table of Contents

Introduction	2
Graduation Requirement Checklist	3
Standard 9 th Grade Program	4
9 th Grade Electives	5
Mathematics	8
Science	9
World Languages	10
Social Studies, Language Arts and English as a Second Language	11

Dear Eighth Grade Parent/Guardian,

Your child is about to begin an exciting and demanding new stage in his/her education. This booklet is intended as a quick reference guide for navigating the course selection process for freshman year. Please take the time to discuss the contents with your child while noting the following:

- When discussing your child's program, it is important to note that the ninth grade year is one of critical transition. Therefore, consider the balance of coursework demands (for example, honors vs. college prep) in relation to interest, ability, and extra-curricular activities. A student who is eligible for an honors level course is not required to take the course. Serious thought should be given as to what your child can handle without creating undue stress.
- Please note that honors level courses differ from regular college preparatory courses in terms of the level of expectations placed on the students, the amount of independent work expected, the pace of coverage of content, the expected skill level and the breadth and depth of the content covered.
- Students taking college prep ninth grade science, social studies and language arts courses are still eligible to take honor level courses in these areas in later high school years. Math courses follow in sequential order; therefore, ninth grade math placement is determined by the eighth grade math course as well as the student's performance in that course.
- Parents and students can submit course requests via Genesis starting in February. Students will then meet with their high school counselors in March to finalize course eligibility and verify electives. In the case of students who are classified under the IDEA, course placement shall rest with the IEP team. Your child's final course selections will appear in Genesis at the completion of the scheduling process.
- It is the responsibility of the parent/guardian to review courses and make requests through the Parent Portal in Genesis. Initial course level eligibility is based on 1st semester average and successful completion of prerequisite courses. Students and parents/guardians who would like a reevaluation of course eligibility must request a course entrance criteria review by April 1st. Details on the review process can be found in the High School Program of Studies. Should you have any questions about the course eligibility process, please feel free to contact the appropriate content area supervisor:

Business/Computers/Engineering: Mr. Russ Wray	716-5000 – ext. 7329
Fine & Performing Arts: Mr. Jeff Santoro	716-5000 – ext. 5262
Language Arts: Ms. Cathy Reilly	716-5000 – ext. 7307
Math: Ms. Andrea Bean	716-5000 – ext. 5264
Science: Mr. Richard Stec	716-5000 – ext. 5268
Social Studies: Mr. Carl Cooper	716-5000 – ext. 5155
World Languages: Ms. Sherry Sizemore	716-5000 – ext. 5120

The complete *2018-2019 Program of Studies* can be found on our district website under Guidance / HS Counseling / Program of Studies. In addition to full course descriptions and course criteria, valuable information about high school procedures is contained in the document. We hope you will find this information helpful as your child transitions to high school.

Sincerely,
Lee McDonald
K-12 Director of Guidance

West Windsor – Plainsboro H.S. Graduation Requirement Checklist

Student Name _____ *Class of* _____

Language Arts (20 Credits) I _____ II _____ III _____ IV _____

American Studies (10 Credits of U.S. History) I _____ II _____

World History (5 Credits) _____

Science (15 Credits) _____ Lab Biology _____ Lab Chem., Env. Science or Physics Lab-Science _____

Math (15 Credits) _____ Algebra 1 _____ Geometry _____ Content Built upon Alg & Geo _____

Physical Education (15 Credits) _____

Health/Drivers Ed (5 Credits) _____

Visual & Performing Arts (5 Credits) _____

Career Ed. & Consumer, Family, & Life Skills or Voc. Tech. (5 Credits) _____

World Languages _____ (At least 10 credits or student demonstration of proficiency for all regular education students who have attended a WWPRSD high school full time for three years or more. At least 5 credits or student demonstration of proficiency for all other students).

Financial Literacy (2.5 credits) _____

PARCC

ELA Math

	<u>CREDITS</u>	<u>ACADEMIC UNITS</u>
Grade 9	_____	_____
Grade 10	_____	_____
Grade 11	_____	_____
Grade 12	_____	_____

- The state requires 110 credits – WWP policy requires 120 credits.
- Most 4 year colleges require a minimum of 16 Academic (Carnegie) Units.
- Prospective college student-athletes should register with the NCAA Clearinghouse and be familiar with NCAA eligibility academic standards.

Revised January 2018

STANDARD 9th GRADE PROGRAM

Students enroll in eight courses/subjects per year (35 credits), one of which is a mandatory study hall. However, Financial Literacy may be taken out of study hall for an additional 2.5 credits once during a four year sequence.

Course 1	Science (Biology or Biology Honors)
Course 2	Study Hall (Required for all students)
Course 3	Language Arts (LA I, LA I Hns)
Course 4	Elective (Select primary & alternate.)

LUNCH

Course 5	Math (Algebra I, Algebra II, Advanced Algebra II, Advanced Algebra II Honors, Geometry Hns. & Acc.)
Course 6	Social Studies (World History or World History Honors)
Course 7	PE/Health
Course 8	World Language (Spanish 3, Spanish 3 Hns, French 2, Chinese 2, German 2, - levels depend on prerequisites and eligibility for each language. See the Program of Studies for all options)

Each student will be scheduled for **Language Arts, Mathematics, Science, World History,** and **World Language** using course eligibility as outlined in the High School Program of Studies. Students are scheduled automatically for **study hall** and **Physical Education/Health**. All students 9-12 are assigned a common lunch period.

Each student should come to the scheduling meeting with at least two electives (first choice and second choice). Students and parents/guardians who would like a reevaluation of course eligibility must request a course entrance criteria review by April 1st. The master schedule is built based on student requests; therefore, we strongly encourage your son/daughter make sound initial choices.

9th GRADE ELECTIVES

Visual and Performing Arts

Art Foundation
Chorale
Concert Band
Computer Art & Design
Music Technology
Music Theory I
String Ensemble
Theatre Arts

21st Century Life and Careers or Career-Technical Education

Accounting
Broadcast Writing
Child Growth and Development
Computer Programming & Mobile Game Design
Creative Design
Culinary Arts
Digital Literacy
Digital Media
Graphic Engineering
Journalism
Principles of Engineering
TV Production

Financial Literacy

Financial Literacy**

** Financial Literacy may be taken out of study hall.

ELECTIVE COURSE DESCRIPTIONS

Accounting - The course provides students with the knowledge and skills necessary to prepare them for the further study of accounting or to obtain a basic entry-level position.

Art Foundation - This course will teach skills in drawing as well as sculpture and clay building techniques. Students taking this course will receive a firm grounding in the elements of art as well as experience in drawing and painting from observation.

Broadcast Writing - Students with a genuine interest in the art and techniques of broadcasting will learn performance, production and writing for television and radio.

Child Growth and Development - Child Growth and Development is designed for students who have an interest in studying the growth and development of children. A special emphasis is placed on career possibilities in early childhood education and child care as the students operate a pre-school program within the high school classroom from November to May.

Chorale - Chorale is a performing ensemble available to any student interested in singing in a choir. The choir performs in concerts and for special events in the school and community

Computer Art & Design I & II: This course will provide students with a background in graphic design programs on the computer. Students will be introduced to primary concepts in computer graphics and will use this knowledge to solve basic design problems. A computer generated portfolio will be produced that will include 2D designs, advertisements and manipulated images.

Computer Programming & Mobile Game Design - Introduction to Computer Programming offers an introduction to structured computer programming in Java then continues into the use of online compilers used for creating mobile applications and games. Topics include computer systems components, introduction to writing programs, using loops and logical operations and designing and writing programs in structured form using modular design.

Concert Band - Concert Band is designed to offer freshman wind and percussion instrumentalists the opportunity to experience traditional band literature of the highest quality. The band performs in concerts, local concert band festivals, and for special school and community events.

Creative Design - Creative Design offers students the opportunity to explore a wide variety of design concepts as they pertain to both what we wear and the environment in which we live. This exciting, hands-on course explores the ever-changing world of fashion, along with the many different aspects of designing a living space. Students will study topics such as art principles, design elements, color harmonies, textiles and construction, as well as design history, in both the fashion and interior design worlds.

Culinary Arts - Culinary Arts is designed for young men and women with little or no experience in food preparation. The course introduces the basic methods of food preparation with the emphasis upon making healthy food choices.

Digital Literacy - This course provides an in-depth investigation of existing and emerging technologies that will support a student's development in both education and careers. The assignments will be project based and help students to apply appropriate technologies to school or business problems.

Digital Media - This course is an in-depth study of current digital media technologies. Topics include but are not limited to 2D graphic design, advanced graphic techniques, digital video, sound recording, sound editing and 2D vector animation. An in-depth look at web design using modern HTML5 development techniques and common Content Management Systems is also included.

Financial Literacy - The personal financial literacy course is designed to alert, inform, and educate students in concepts of personal finance and money management. Students will begin to develop the skills and strategies that promote personal and financial responsibility related to financial planning, savings, investment, and charitable giving in the global economy.

Principles of Engineering - It is the goal of this course to challenge and engage students through a broad range of engineering topics, including mechanical, structural and, electrical with a focus on computer programming and artificial intelligence. Students will be responsible for the development of advanced computational and robotic systems through the application of various computer programming languages.

Graphic Engineering - This course will cover several computer graphic applications in the study of graphics and design. The curriculum will cover topics including an introduction to 2-D design and 3-D modeling, design principles, and solid modeling. Students will have the opportunity to "print" their creation using 3D printer technologies and computer numerically-controlled (CNC) machines to physically produce a digital design.

Journalism - Journalism provides an introduction to the essentials of writing with an emphasis on journalistic style.

Music Technology - This course will provide students interested in composition an opportunity to create and arrange music using computers, MIDI keyboards and other instruments. By learning various compositional techniques, basic music theory, audio recording, and editing, students will create music in a variety of styles and for a variety of purposes.

Music Theory I - Music Theory I, designed to introduce students to knowledge of music rudiments through hands-on learning, is offered to all students interested in understanding the fundamentals of music theory.

String Ensemble - String Ensemble is designed to offer any student the opportunity to experience string literature of the highest quality.

Theatre Arts - Theatre Arts offers student opportunities to practice a broad spectrum of theater activities. Students will create and perform speeches, monologues, short scenes and improvisations.

TV Production - "TV Production" focuses on the intricacies of television. Students will survey the history and development of the art of television production and develop a more critical awareness of the workings of mass communication media. Students will become knowledgeable about the fundamentals of journalism and television writing.

MATHEMATICS OPTIONS

- Algebra I
- Algebra II
- Advanced Algebra II
- Advanced Algebra II Honors
- Geometry Honors & Accelerated (*if qualified*)

Common Mathematics Course Sequences

	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
This is the sequence for students who are not yet comfortable in math and need extra support	Math 8	Algebra 1	Algebra 2	Geometry	Algebra/Trig
This is the standard College prep sequence	Algebra 1	Advanced Algebra 2	Geometry	Precalculus	Calculus Honors or Statistics
For College prep students who struggled in Algebra 1 and need a little support	Algebra 1	Algebra 2	Geometry	Precalculus	Calculus Honors or Statistics
This is the standard Honors sequence	Algebra 1 Honors	Advanced Algebra 2 Honors	Geometry Honors	Precalculus Honors	AP Calculus AB or AP Calculus BC with eligibility review
This is the standard Honors and Accelerated sequence	Algebra 2 H&A	Geometry H&A	Precalculus H&A	AP Calculus BC	Multivariable Calculus

Calculators: Scientific calculator required for all algebra 1 and Geometry. All other High School courses utilize the TI 83/TI 84 family of graphing calculators exclusively.

SCIENCE OPTIONS

- Biology
- Biology Honors

Common Science Course Sequences

Yr.	Sequence 1	Sequence 2
9	Biology	Biology Honors
10	Chemistry or Chemistry Honors or Environmental	Chemistry or Chemistry Honors or Environmental
11	Physics or Physics Honors or Environmental or Electives	Physics or Physics Honors or Environmental or Electives
12	Electives	Electives

Science Electives (not available to 9th grade students)

1. AP Bio
2. AP Chem
3. Advanced Topics in Physics Honors
4. *Astronomy
5. Forensics
6. *Genetics
7. Human Anatomy and Physiology

*ASTERISK DENOTES SEMESTER COURSE

WORLD LANGUAGE OPTIONS

SPANISH

Students who have studied the language for three years in our middle school (4 Sequences)

Sequence 1	Sequence 2	Sequence 3	Sequence 4
Spanish 3	Spanish 3	Spanish 3 Honors	Spanish 3 Honors
Spanish 4	Spanish 4	Spanish 4 Honors	Spanish 4 Honors
Spanish 5	Spanish 5	Honors Sp Cultural	AP Sp Language
Conversations in Spanish	Honors Sp Cultural	AP Sp Language	AP Spanish Lit

Students who have only had two years of Spanish in middle school do not have the prerequisite for Spanish 3 or Spanish 3 Honors and may not schedule those courses. They may schedule for Spanish 2

Students beginning Spanish in 9th grade (2 options)

Sequence 1	Sequence 2
Spanish 1	Spanish 1
Spanish 2	Spanish 2
Spanish 3	Spanish 3 Honors
Spanish 4	Spanish 4 Honors

4 year sequence (by CST placement only)

Introduction to Spanish Communication & Culture
Spanish Language & Cultural Study
Spanish 2

FRENCH

Students from our middle school (2 options)

Sequence 1	Sequence 2
French 2	French 2
French 3	French 3 Honors
French 4	French 4 Honors
French 5	AP French

Students beginning French in 9th grade (2 options)

Sequence 1	Sequence 2
French 1	French 1
French 2	French 2
French 3	French 3 Honors
French 4	French 4 Honors

GERMAN

Students from our middle school

German 2
German 3
German 4 Hon
German 5 Hon/AP German

Students beginning German in 9th grade

German 1
German 2
German 3
German 4 Hon

CHINESE

Students from our middle school

Chinese 2
Chinese 3
Chinese 4 Hon
Chinese 5 Hon/AP Chinese

Students beginning Chinese in 9th grade

Chinese 1
Chinese 2
Chinese 3
Chinese 4 Hon

Note: Heritage Speakers of any language are placed according to their ability.

SOCIAL STUDIES OPTIONS

World History provides a survey of the significant time periods of human development from the Age of Absolutism to the present. Coursework promotes historical thinking, critical reading, and analytical reasoning skills. Current events, furthermore, are integrated into the curriculum in order to bridge past and modern events.

World History Honors explores the same periods in human development studied in the World History course and promotes historical thinking, critical reading, and analytical reasoning skills. Current events are deliberately integrated into the curriculum to develop a more sophisticated understanding of the connections between the past and present. While World History and World History Honors both use primary and secondary source materials, the Honors program uses materials that demonstrate greater text complexity and requires stronger and more independent research, writing, and historical thinking skills.

LANGUAGE ARTS OPTIONS

Language Arts I provides rigorous instruction in all aspects of language skills, including reading, writing, speaking, listening, viewing, and thinking. Students are introduced to formal expository writing, placing an emphasis on inferential and analytical thinking.

Language Arts I Honors involves more reading and writing, literary analysis, and careful exploration of style and thought than LA I. Students should develop higher-level reading, writing, speaking, listening, viewing, and thinking skills and write skillful and analytical essays throughout the year.

ESL OPTIONS (ENGLISH AS A SECOND LANGUAGE)

World History ESL

ESL Language Arts

ESL Science

ESL Biology

ESL Study Skills: