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The School District of Philadelphia

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Acting Superintendent and Chief Executive Officer

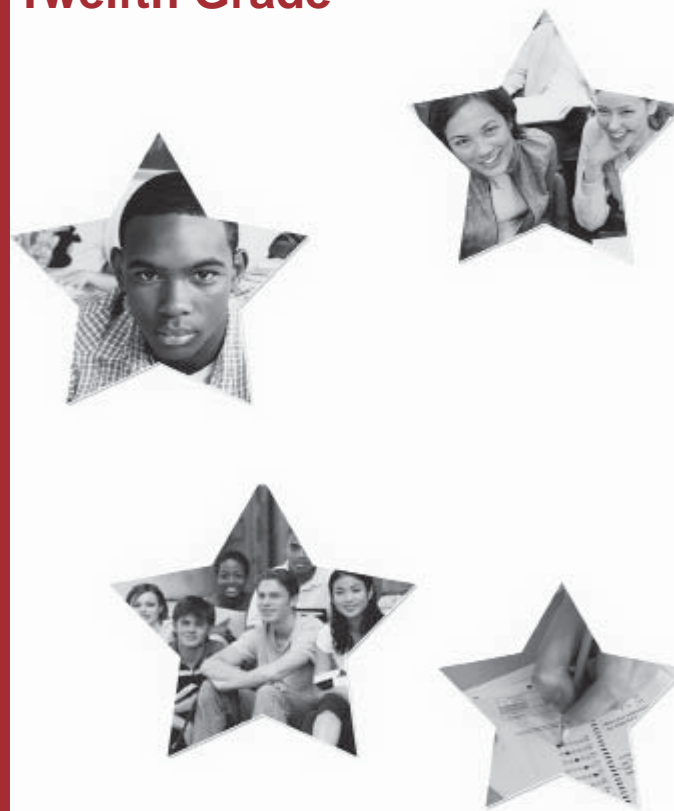
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School District of Philadelphia Office of Schools and Academic Programs

Twelfth Grade



For more information, call
Karreen Simpson @ 215-400-4180

Dear Parents, Guardians and Caregivers,

This booklet provides you with an overview of the curriculum your son or daughter will follow in school from grades nine through twelve. Each subject area is presented in outline form according to the School District's approved core curriculum. All courses are aligned with Pennsylvania's academic state standards, as well as with initiatives generated by the District's strategic plan, Imagine 2014. These include English, Math, Science, World Languages, Social Studies, Health and Physical Education and Art and Music.

We encourage you to monitor your son or daughter's progress, attendance, test scores, and grades through Family Net which you can access by clicking on the Parent Box on the School District website. Many parents and caregivers have already logged in and are using Family Net regularly. But if you are not familiar with the site, you can register any time using your child's name and student ID number to log in.

We have made great strides in recent years for which we can be justifiably proud but never satisfied. There is always more work to be done and other mountains to climb. By working together and acting now to achieve all academic and personal goals, I believe we will continue to see even greater results in the years ahead. Please accept my ongoing thanks for your continued support and active involvement in the education of our young people. Our students, schools and communities will succeed because you care enough to get involved and stay involved. Thank you.

Sincerely

Leroy D. Nunery II, MBA, Ed.D.
Acting Superintendent and Chief Executive Officer

English

By the end of the school year, your twelfth grader should be able to:

- Analyze and share their perceptions about literature and morality, power, heroism, gender, politics, and philosophy.
- Identify ideas that reflect the central themes of the course: the role of the individual in society, and the role of the individual in determining his or her own fate.
- Respond to and examine the voices of both classical and contemporary literature that speak to the universal nature and timelessness of the issues they confront in their world today.
- Produce effective writing that ranges from reflective pieces to a variety of academic essays (multidisciplinary research, literary criticism, informational writing, etc.).

Mathematics

By the end of the school year, your twelfth grader should be able to:

Precalculus:

- Explore classes of functions
- Communicate using clear math language, diagrams, and symbols
- Prepare for higher level mathematics

Science

By the end of the school year, your twelfth grader should be able to:

Physics

- Build an understanding of the basic concepts in physics
- Describe the concepts of displacement, speed, velocity, and acceleration and apply the mathematics to support these concepts
- Examine force and Newton’s Laws of Motion, including mass and acceleration
- Students should be encouraged to take science elective in (Environmental Science, Earth Science, AP Biology, AP Chemistry).

Social Studies

By the end of the school year, your twelfth grader should be able to:

- Investigate the foundations of the American political system and explore basic values and principles of American democracy
- Analyze how the government established by the United States Constitution embodies the purposes, values, and principles of American democracy
- Explain how the political and legal systems provide a means to balance competing interests and resolve conflicts
- Analyze features of the economic system of the United States
- Explain why laws are needed and how they are enacted, implemented, and enforced at the national, state and local level



Health/Physical Education

By the end of the school year, your twelfth grader should be able to:

- Know positive ways to influence others to make healthful choices
- Understand the challenges and responsibilities of parenting
- Discuss the importance of early detection and warning signs that prompt people to seek medical care
- Participate regularly in physical activity
- Encourage friends and family to maintain health and fitness plans

Art and Music

By the end of the school year, your eleventh grader should be able to:

Art

- Demonstrate advanced ability in the use of art media, techniques and processes
- Present a portfolio of work that shows their art skills and personal understanding of their work
- Know about the wide variety of careers in the visual arts
- Write a critique of a particular work of art seen in a museum or gallery

Music

- Sing and play varied repertoire demonstrating good intonation, tone quality, breath control, and articulation
- Improvise vocally and instrumentally harmonizing parts and original melodies over given chord progressions
- Compose and arrange music in several distinct styles for voices and various instrumental ensembles
- Write reviews of musical performances based on musical styles and production quality, and compare similar performances

World Languages

The following World Languages are offered in our high schools: Arabic, Mandarin Chinese, French, German, Italian, Latin, Russian and Spanish. Students will learn to communicate in the target language and understand the culture including its history, traditions, customs, celebrations, music, art and everyday life.

- Topics for Level 1 are: Greetings, Introductions and Farewells; Numbers and Practical Uses; Identification and Description; School; Family; Places in which we live; Food; Shopping and Clothing
- Topics for Level 2 are: Fundamentals; City Life; Keeping Fit: Body & Mind; I know what you did last...; Remembering my childhood; My world, My future; Global travel and vacations
- Students receive a variety of assessments including benchmarks
- Students are encouraged to practice speaking the target language at home and attend cultural events in the community

High School Graduation Requirement – Students must earn 23.5 credits, which include:

- 4 English credits: English 1, 2, 3 and 4
- 3 Math credits: Algebra 1, Geometry and Algebra 2
- 3 Science credits: Physical Science, Biology and Chemistry
- 4 Social Studies credits: World History, African American History, American History and Social Science
- 2 World Language credits: Levels 1 and 2 of the same language
- 1 Physical Education credit
- .5 Health Education credit
- 2 Arts and Humanities credits
- 4 Elective credits: One must be a 4th credit in Science, Math or an Advanced Placement (AP) or International Baccalaureate (IB) course

Note: A Multidisciplinary Project/ Service Learning Project is a graduation requirement