

SCHOOL DISTRICT OF PHILADELPHIA

GRADE-LEVEL EDUCATIONAL GOALS
PARENT REFERENCE GUIDE

12TH GRADE

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).

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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 which includes: 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