

**High School Summer Work  
AP and Honors Level Courses  
Summer 2022**

## **SCIENCE AND TECHNOLOGY/ENGINEERING**

### **PLYMOUTH NORTH HIGH SCHOOL**

#### **PNHS AP Biology**

Ms. Abbott's work may be accessed from the following Plymouth hosted site <http://bit.ly/PlymouthSTEAP>. In the handout also [linked here](#), Ms. Abbott welcomes you, provides general guidelines for the summer work, and provides detailed descriptions for each of the separate assignments. Mrs. Abbott has also included separate documents for the assignments. These documents are listed on the website above and can also be found in Google Classroom. Check out the [overview handout](#) for information on how to join. For more information or questions, email Ms. Abbott directly at [cabbott@plymouth.k12.ma.us](mailto:cabbott@plymouth.k12.ma.us).

#### **PNHS AP Chemistry**

Mr. Buckley's work includes four handouts, which can be accessed from the following Plymouth hosted site <http://bit.ly/PlymouthSTEAP>. The handouts, organized into a [Google Folder linked here](#), include a summer work overview, stoichiometry review, polyatomic ion chart, and reactions pretest quiz. For more information or questions email Mr. Buckley directly at [cbuckley@plymouth.k12.ma.us](mailto:cbuckley@plymouth.k12.ma.us).

#### **PNHS AP Environmental Science**

Mrs. Frare's work may be accessed from the following Plymouth hosted site <http://bit.ly/PlymouthSTEAP>. In the handout also [linked here](#), Mrs. Frare welcomes you, provides general guidelines for the summer work, and provides detailed descriptions for each of the separate assignments. For more information or questions, email Mrs. Frare at [tfrare@plymouth.k12.ma.us](mailto:tfrare@plymouth.k12.ma.us).

#### **PNHS AP Physics 1**

Mr. Strohschneider's work may be accessed from the following Plymouth hosted site <http://bit.ly/PlymouthSTEAP>. In the handout also [linked here](#), Mr. Strohschneider welcomes you and provides general guidelines for the summer work. For more information or questions, email Mr. Strohschneider at [dstrohschneider@plymouth.k12.ma.us](mailto:dstrohschneider@plymouth.k12.ma.us).

#### **PNHS AP Physics 2**

Mr. Magno's work may be accessed from the following Plymouth hosted site <http://bit.ly/PlymouthSTEAP>. In the handout also [linked here](#), Mr. Magno has divided the work into weekly chunks to hopefully help students manage their workload. For more information or questions, email Mr. Magno at [kmagno@plymouth.k12.ma.us](mailto:kmagno@plymouth.k12.ma.us).

### **PLYMOUTH SOUTH HIGH SCHOOL**

#### **PSHS AP Biology**

Ms. Conroy's work includes three handouts, which can be accessed from the following Plymouth hosted site <http://bit.ly/PlymouthSTEAP>. These handouts include a summer assignment overview, introduction

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letter assignment, and whale pump assignment. For more information or questions email Ms. Conroy directly at [lconroy@plymouth.k12.ma.us](mailto:lconroy@plymouth.k12.ma.us).

**PSHS AP Chemistry**

Ms. Miller issued one handout, which can be accessed from the following Plymouth hosted site <http://bit.ly/PlymouthSTEAP>. This handout is also linked [here](#). Assignments are to be completed on or before August 22. For more information or questions email Ms. Miller directly at [mmiller@plymouth.k12.ma.us](mailto:mmiller@plymouth.k12.ma.us).

**PSHS AP Environmental Science**

Mrs. Potter issued one handout, which can be accessed from the following Plymouth hosted site <http://bit.ly/PlymouthSTEAP>. In the handout, which is also linked [here](#), Mrs. Potter welcomes you, provides general guidelines for the summer work, and provides detailed descriptions for each of the separate assignments. For more information or questions, email Mrs. Potter at [jpotter@plymouth.k12.ma.us](mailto:jpotter@plymouth.k12.ma.us).

**PSHS AP Physics 1**

Mr. Yaeger's work may be accessed from the following Plymouth hosted site <http://bit.ly/PlymouthSTEAP>. In the handout also [linked here](#), Mr. Yaeger provides links to a series of videos and accompanying questions. For more information or questions, email Mr. Yaeger at [dyaeger@plymouth.k12.ma.us](mailto:dyaeger@plymouth.k12.ma.us).

**PSHS AP Physics 2**

Mr. Yaeger's work may be accessed from the following Plymouth hosted site <http://bit.ly/PlymouthSTEAP>. In the handout also [linked here](#), Mr. Yaeger provides links to a series of Screencasts and accompanying questions. For more information or questions, email Mr. Yaeger at [dyaeger@plymouth.k12.ma.us](mailto:dyaeger@plymouth.k12.ma.us).

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## **MATHEMATICS**

Each summer assignment reviews prerequisite vocabulary/skills/topics for a student's upcoming advanced placement mathematics course. There may be some work in which students need to independently research or learn. Suggested websites for reference are provided in the letter to parent/guardian/student in each course document. All work and steps must be shown for credit. **All assignments must be brought to school on the first day the course meets for full credit. Late assignments will be given half credit only until the second time the course meets.**

Please click on the course title to be directed to that course's summer work assignment:

### **[AP Calculus AB](#)**

The packet consists of a review of Algebra 2 and Precalculus topics to all students enrolled in the AP Calculus AB course. All work and steps must be shown for credit. Students may contact Ms. Swain at [eswain@plymouth.k12.ma.us](mailto:eswain@plymouth.k12.ma.us) (PNHS) or Mr. Hicks at [thicks@plymouth.k12.ma.us](mailto:thicks@plymouth.k12.ma.us) (PSHS) with any questions.

### **[AP Calculus BC](#)**

The packet consists of a review of Precalculus and other more advanced topics to all students enrolled in the AP Calculus BC course. All work and steps must be shown for credit. Students may contact Ms. Nielsen at [knielsen@plymouth.k12.ma.us](mailto:knielsen@plymouth.k12.ma.us) (PNHS) or Ms. Ivan [sivan@plymouth.k12.ma.us](mailto:sivan@plymouth.k12.ma.us) (PSHS) with any questions.

### **[AP Statistics](#)**

AP Statistics students are required to read a book from the list provided and write a two page reflection paper on the book. The list of books and requirements for the paper can be found on the assignment page for AP Statistics. The Plymouth Public Library is aware of the list of books and has made an effort to have these titles available for PPS students. Students may contact Ms. Glynn at [ebglynn@plymouth.k12.ma.us](mailto:ebglynn@plymouth.k12.ma.us) (PNHS) or Ms. Simpson at [jsimpson@plymouth.k12.ma.us](mailto:jsimpson@plymouth.k12.ma.us) (PSHS) with any questions.

### **[AP Computer Science Principles](#)**

Your summer assignment for AP Computer Science Principles is to read *Blown to Bits: Your Life, Liberty, and Happiness After the Digital Explosion* by Hal Abelson, Ken Ledeen, and Harry Lewis and answer the questions found on the Google doc. This book is available online as a pdf for free at <http://www.bitsbook.com>. Have your answers typed in a Google doc ready to be submitted electronically to Google classroom on the first day of class. Students may contact Mr. Cardoso at [acardoso@plymouth.k12.ma.us](mailto:acardoso@plymouth.k12.ma.us) (PNHS) or Mr. Jardin at [jjardin@plymouth.k12.ma.us](mailto:jjardin@plymouth.k12.ma.us) (PSHS) with any questions.

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## **SOCIAL STUDIES**

### **PNHS and PSHS Honors Social Studies Classes - 9th & 10th Grade**

All students taking honors-level World History and US History I (9th and 10th grades) are required to complete a National History Day project. NHD is a project-based history research experience. Students select a topic in history that relates to an annual theme and conduct primary and secondary source research to create a project that explains the topic's connection to the theme and significance in history. As part of that project, students must complete a summer research assignment.

For this assignment, students must explore this year's National History Day theme and conduct initial research on two potential topics for their project. They must complete the following steps:

- Read the NHD theme sheet (provided/posted in class and available at <https://sites.google.com/plymouth.k12.ma.us/nhd>)
- Conduct research on a potential topic relating to the NHD theme by examining at least five sources
- [Complete an NHD Initial Research Sheet](#) and bibliography.

Students must submit their assignment (bibliography and topic sheet) to their teacher in class on September 8th. The assignment will count as an assignment grade for Term 1.

Information regarding this assignment, including detailed instructions and a grading rubric, can be accessed at <https://sites.google.com/plymouth.k12.ma.us/nhd>.

Questions regarding this assignment can be directed to Rob Powers, PPS Social Studies Coordinator, by email at [rpowers@plymouth.k12.ma.us](mailto:rpowers@plymouth.k12.ma.us) or by phone at (508) 830-4476.

### **PNHS and PSHS - 11th Grade US II Honors**

Students taking US History II Honors next year should [complete the summer reading assignment provided here](#). This assignment will be assessed as a grade for Term 1. The assignment is due to teachers on September 8th.

### **PSHS AP European History**

Students must complete a Map of Europe and identify key events from European history as outlined on Mr. McGinnis' [class website](#). Resources and more information regarding this assignment can be found on the Google Classroom: dxlwvlr.

### **PNHS AP European History**

Contact Mr. Clark at [dclark@plymouth.k12.ma.us](mailto:dclark@plymouth.k12.ma.us) with any questions.

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**[PSHS AP US History](#)**

Students in Mr. Fust's classes will need to complete a series of assignments in preparation for the beginning of the year. These assignments cover content from the end of US History I and serve as a stepping stone into the new content. Furthermore, it will give them a headstart in acquiring the basic skills they will need to be successful in APUSH this year. The packet can be found [here](#). The course introduction letter can also be found by clicking on this [link](#).

**[PNHS AP US History](#)**

All Plymouth North students taking AP US History during the 2021-2022 school year should refer to Google Classroom for their summer assignments, supporting course materials, and due dates. If any student did not attend the June 16th meeting or has not yet received a class code to access Classroom, please contact Mr. Moore as soon as possible ([scmoore@plymouth.k12.ma.us](mailto:scmoore@plymouth.k12.ma.us)).

**[PSHS AP Psychology](#)**

Information was distributed by Ms. Shaver during the after school meeting on Tuesday, June 21 in the PAC. Students should complete the summer letter assignment which can be found [at this link](#). Contact Ms. Shaver at [ashaver@plymouth.k12.ma.us](mailto:ashaver@plymouth.k12.ma.us) if you have any questions.

**[PNHS AP Psychology](#)**

Students who have not yet been in contact with Mr. Loughlin should do so. Contact Mr. Loughlin at [sloughlin@plymouth.k12.ma.us](mailto:sloughlin@plymouth.k12.ma.us) with any questions.

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## **ENGLISH DEPARTMENT**

### **PSHS AP English Language and Composition**

Part One: Students entering grade 11 AP English Language and Composition will join a Google Classroom which details procedures and expectations.

**Google Classroom Code: 7pcq257**

Part Two Students will read *Just Mercy*, a memoir by Bryan Stephenson reflecting on his time working as an Alabama defense lawyer for International Justice Mission, and critically respond to Stephenson's story by responding to one of five questions in a brief two to three paragraph response. (Due July 15<sup>th</sup>)

Part Three: Students will write a rhetorical analysis essay analyzing rhetorical strategies from a pre-selected passage from *Just Mercy*. (Due August 5<sup>th</sup>)

To obtain the AP letter, exact assignments, and for online google classroom access, join the summer Google Classroom or contact Mrs. Evans ([kevans@plymouth.k12.ma.us](mailto:kevans@plymouth.k12.ma.us)) or Mr. Lippa ([clippa@plymouth.k12.ma.us](mailto:clippa@plymouth.k12.ma.us))

### **PSHS AP Literature**

#### **Summer 2022**

Students entering grade 12 AP English Literature and Composition will join a Google Classroom which details procedures and expectations.

**Google Classroom Code: mwwj7jd**

Part I: Students will read Thomas C. Foster's *How to Read Literature Like a Professor* and write a composition of 1,000 words applying the work to previously read novels (due August 1).

Part II: Students will read Euripides' *Medea* and actively annotate and then complete 6 dialectical journals, following the examples in their packets (due August 29).

To obtain the AP letter, exact assignments, and for online google classroom access, join the summer Google Classroom or contact Erik Walker ([ewalker@plymouth.k12.ma.us](mailto:ewalker@plymouth.k12.ma.us))

### **PNHS AP English Language and Composition**

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Students entering grade 11th grade AP English Language and Composition will join a Google Classroom which details procedures and expectations.

**Google Classroom Code:** fy4v4kl

**Part I (due August 1st):** Read Chapters 1-5 of *Everything's an Argument*, complete EdPuzzles, and two timed essays.

**Part II:** Read *Just Mercy*, actively participate in our class Google Classroom, and write an essay.

For any questions, please contact Mrs. Terry ([mterry@plymouth.k12.ma.us](mailto:mterry@plymouth.k12.ma.us)) or Ms. McCarthy ([cmccarthy@plymouth.k12.ma.us](mailto:cmccarthy@plymouth.k12.ma.us))

**PNHS AP Literature**

Detailed summer work resources and assignments will be posted to Google Classroom.

AP Lit join code: **hg4t7bo**

**Part I:** Encounter the cultural underpinnings of Western literature by reading some books (chapter-length sections) of the Bible and reviewing some Greek Mythology. Respond thoughtfully on Google Classroom.

**Part II:** Immerse yourself in a rich, expansive, and beautiful nineteenth century novel (authors list on Classroom). Find a novel you like, let me know what you've chosen, and read at your own pace.

**Part III:** If you have not already done so, write the first draft of your college essay, using the brainstorming materials on Classroom or one of the prompts from the Common App website, [here](#).

For more information contact Dr. Farren ([rfarren@plymouth.k12.ma.us](mailto:rfarren@plymouth.k12.ma.us)).

## ENGLISH DEPARTMENT

Students at PSHS and PNHS who are taking Honors English in Grades 9-11 should have received information from their teachers prior to the end of the school year.

See below for additional information taken from the Summer Reading Overview:

**Additional Honors/AP English Requirements**

Students who are enrolled in Honors English (grades 9-11) are asked to read a course-specific text set and complete an additional assignment in addition to their choice summer reading book and one-pager. Teachers will review this information with students prior to the end of school. For assignment details, see Google Classroom (codes below):

Gr 9 North: grs7itp; Gr 9 South: dqln3uc

Gr 10 North: 2pxcijm; Gr. 10 South: 2yuvvmf

Gr 11 North: ewsi7q2; Gr 11 South: txdh4pc

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## **VIRTUAL HIGH SCHOOL (VHS)**

Information that can be found here:

<http://www.govhs.org/website.nsf/RTFContent/Academics-APSummer>

Please click on the links below to find summer assignments for the following AP VHS courses:

[AP Biology](#) | [AP Calculus AB](#) | [AP Chemistry](#) | [AP English Language](#) | [AP English Literature](#) | [AP Environmental Science](#) | [AP French](#)  
[AP Government and Politics](#) | [AP Human Geography](#) | [AP Physics 1](#) | [AP Psychology](#) | [AP Spanish 5](#)

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## **WORLD LANGUAGE DEPARTMENT**

***Suggested review for PNHS students in both French and Spanish, levels 2 - 5:***

<a href="#">PNHS French 2 Honors</a>	<a href="#">PNHS Spanish 2 Honors</a>
<a href="#">PNHS French 3 Honors</a>	<a href="#">PNHS Spanish 3 Honors</a>
<a href="#">PNHS French 4 Honors</a>	<a href="#">PNHS Spanish 4 Honors</a>
<a href="#">PNHS French 5 Honors</a>	<a href="#">PNHS Spanish 5 Honors</a>

### **PNHS AP French Language and Culture**

Information was distributed by Mrs. Lewison at the end-of-year meeting. Please contact Mrs. Lewison at [mlewis@plymouth.k12.ma.us](mailto:mlewis@plymouth.k12.ma.us) with any questions.

AP French 2022-2023 join code: **zkitl4h**

\*Summer work is located on Classroom and assignments that are to be turned in over the summer are due every two weeks on the following dates: 7/1, 7/15, 7/29, 8/12, 8/26

An overview of the AP French summer work can be found [here](#). Components of the summer work include:

- (1) keeping a personal dictionary
- (2) learning the essential vocabulary associated with the six AP themes
- (3) reading and listening to authentic sources related to the AP themes in order to reinforce vocabulary
- (4) writing brief cultural reflections that incorporate content and vocabulary from the text and audio sources and connect to the AP themes
- (5) reviewing the essential verb tenses

### **PNHS AP Spanish Language and Culture**

In order to maintain and improve one's current level proficiency in Spanish, it is vital to continue practicing and immersing oneself in as much of the Spanish language and culture as possible. Students are encouraged to watch videos and movies, listen to music, read blogs, listen to podcasts, and regularly practice on Spanish learning websites and apps such as [lingco.com](#), [studyspanish.com](#), and [duolingo](#). Students can find a number of suggested websites to visit in the welcome letter on the stream of Google Classroom.

Students can find all summer assignments [here](#), as well as on Google Classroom. Assignments are due every two weeks.

Google Classroom Spanish AP SY '21/'22 join code: **onqjure**

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Please contact Mrs. Goggin at [lgoggin@plymouth.k12.ma.us](mailto:lgoggin@plymouth.k12.ma.us) with any questions

**PSHS AP Spanish Language and Culture**

AP Spanish Language and Culture is a course that develops students' proficiency in the language and while deepening their understanding of the cultures of the Spanish-speaking world through a focus on six interrelated themes: Beauty and Aesthetics, Science and Technology, Global Challenges, Families and Communities, Contemporary Life, and Personal and Public Identities.

Over the summer, students will create a journal of reflections based on a variety of authentic Spanish language sources, including news articles, songs, podcasts, and videos related to these themes and to their personal interests. Students received their summer assignments at a meeting with Mrs. Zachary at the end of the year. Copies of the assignments and additional resources can be found on the Google Classroom that can be joined with code [ **chazhv7** ]

Please email Mrs. Zachary at [ezachary@plymouth.k12.ma.us](mailto:ezachary@plymouth.k12.ma.us) with any questions.

**PSHS AP French Language and Culture**

Information was distributed by Mrs. Kelly at the end-of-year meeting. Please contact Mrs. Kelly at [makelly@plymouth.k12.ma.us](mailto:makelly@plymouth.k12.ma.us) with any questions.

## **VISUAL AND PERFORMING ARTS DEPARTMENT**

**AP Studio Art 3D PNHS & PSHS**

Please Contact Mrs Sullivan at PNHS ([msullivan@plymouth.k12.ma.us](mailto:msullivan@plymouth.k12.ma.us)) Or Ms. Kwong at PSHS ([rkwong@plymouth.k12.ma.us](mailto:rkwong@plymouth.k12.ma.us)) with any questions about the summer AP assignment.

**AP Studio Art 2D PNHS**

Please contact Mrs. Jezierski at PNHS ([ljezierski@plymouth.k12.ma.us](mailto:ljezierski@plymouth.k12.ma.us)) with any questions about the AP summer assignment.

**AP Music Theory PSHS**

Please contact Mrs. Grueb at PSHS ([cgrueb@plymouth.k12.ma.us](mailto:cgrueb@plymouth.k12.ma.us)) with any questions about the summer AP assignment.

**AP Studio Art 2D PSHS**

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Please contact Ms. Quinn at PSHS ([cquinn@plymouth.k12.ma.us](mailto:cquinn@plymouth.k12.ma.us)) with any questions about the summer AP assignment.