

AP Computer Science Principles Summer Assignment 2018-19

To My Future AP Computer Science Principles Student,

Welcome to AP CSP! I am readily anticipating a great year of Computer Science Principles. In order to ensure the best start for everyone next year, I have prepared a summer assignment that reviews some basic pre-CSP concepts.

To complete this assignment, you will need a computer with the internet connection. When you return to school, there will be a Dropbox available for you to submit your work. Completed work must be submitted by AUGUST 17th, late work will not be accepted.

I hope you are looking forward to an exciting year of CSP. With plenty of motivation and hard work, you should find AP CSP a successful and rewarding experience. I recommend that you spread out the summer assignment. Please do not try to complete it all in the final week of the summer. CSP takes time to process and grasp at a level necessary for success in AP CSP. Remember, AP CSP is a college level course. Taking a college level course in high school is difficult, requires dedication, and is a great investment in your education so prepare yourself and arrive ready to learn.

By signing below, the student and parents/guardian recognizes that this is a college level course in computer science. AP Computer Science Principles is a demanding class and success depends on ability, development of prerequisite skills, and a willingness to study. Advanced Placement classes require more study time than the typical high school class and this course runs on an accelerated schedule. The requirements for the AP test are covered prior to the exam that is administered in the first week of May.

A list of those requirements can be found by visiting the College Boards website (<https://apstudent.collegeboard.org/apcourse/ap-computer-science-principles>).

Student Name

Date

Student Signature

Parent Signature

Have a great summer and enjoy the CSP!

You may contact with me by email: wendy_dyer@gwinnett.k12.ga.us

AP Computer Science Principles Summer Assignment 2018

1. Please fill out my **APCSP Student Info Form** <https://goo.gl/forms/76Y4uoMPmu7gzLhw2>
2. Sign up for our APCSP Remind101. I will send out reminders over the summer so go ahead and join.
To join text **@dyerapcsp to 81010**

Parents/guardians are also welcome to sign up – but the APCSP students **MUST** sign up.

3. Create Accounts
 - Create an account with Google.com
 - Create an account with code.org USE CODE **KZZHNV**
Detailed Instructions for code.org below
 - Create an account with Codehs.com USE CODE **F1052**
 - Create an account with Collegeboard.com If you have taken an AP course than you should already have one.

Note: Students' accounts will be checked by the teacher during the first week of school.

Computer Science Express Course Assignment – Test Grade

1. You must complete the “Computer Science Express Course” course on code.org.

To do this, complete the following:

- a. Go to code.org.
- b. Click Sign-In in the top right corner.
- c. Click “Sign Up” on the right side.
- d. Create an account using your gmail email account.
- e. Once your account is created scroll to the bottom of the page.
- f. You will see a box that says “Add a Teacher.” Type in the Section Code **KZZHNV** .
- g. After you enter the code, the top of the page will have the option to start the express course. It will list your teacher as Dr. Dyer. This course must be completed this summer. I will be able to see your progress. There will be videos and other presentations. These are helpful, but not essential. **You MUST complete all of the activities.** Be prepared to present your final product as part of your grade.

We will use code.org for many activities next year. You will need to know your login and password when we come back to school. Familiarize yourself with the website. You will be joining other units throughout the upcoming school year.

2. You also should visit the following website:

<https://advancesinap.collegeboard.org/stem/computer-science-principles/course-details>

Click on “The AP CSP Course and Exam Description.” This is a lengthy document, but you should take some time to read through it to learn as much as you can about the AP test and the concepts covered in this course.

If you have any questions or concerns, feel free to email me at wendy_dyer@gwinnett.k12.ga.us