

AP Computer Science Principles

Future AP Computer Science Principles Student,

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

1. **Creating:** *Code.org*

You will need a computer with the internet connection.

Create an account with code.org (<https://code.org/>).

Complete the Accelerated Course 20 hours (Accelerated Intro to CS Course) - <https://studio.code.org/s/20-hour>

Expect each lesson to take approximately one hour. Your progress and assessment is clearly available when you are logged in. I will check your accounts on the first day of school to check for completion and to note assessments.

Send me an e-mail at mmuroff@sdja.com with your account information (username, password) BEFORE the first day of school.

Late work will not be accepted.

2. Reading: The second part of your summer assignment is to read the book “Blown to Bits” (details can be found in the course booklist). Note that throughout the year you will be given quizzes on the vocabulary and other content from this book. Also many tests will include a significant amount of material from this book.

In addition to reading the book, your assignment is to create a Word document where you type a *four page outline of the book*:

- Font-type: Times-New Roman
- Font-Size: 13
- Line Space: 1.15
- Margin: Normal

Your printed document will be turned in on the first day of class. *Late work will not be accepted.*

Please do not try to complete the entire assignment 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 and requires dedication, so prepare yourself and arrive ready to learn.

Textbook Title: Blown to Bits: Your Life, Liberty, and Happiness after the Digital Explosion

Author: Hal Abelson

Publisher: Addison-Wesley Professional

Edition: 1st

Year: 2009

ISBN: 0137135599 (**ISBN-13**: 978-0137135592)

Notes: Available from their website or from Amazon.