



# AP Computer Science A

## What do I need for my new AP Computer Science A course?



DonorsChoose.org is teaming up with the College Board and Google to offer funding for the classroom materials needed to maximize your AP Computer Science A course. Using DonorsChoose.org, you can select the exact materials you need from our vendors.



When creating your project, you'll shop through our 24 vendors to find materials that will make your AP class a success. The suggestions below (and in the attached technology supply list) are based on recommendations from the College Board and previous requests by AP teachers on DonorsChoose.org. Please visit [our site](#) to view additional AP project ideas. Enter a keyword such as "AP Computer Science" to search projects.

materials	vendor	price	#	total
Griffin Survivor protective case for web tablet	Best Buy	\$79.99	1	\$79.99
Samsung Series 5 Chromebook XE550C22 - 12.1" - C 867 - Chrome OS - 4 GB RAM - 16 GB SSD	Best Buy	\$449.99	1	\$449.99

*sample project request*

"My students may have been born with an intuitive sense for anything electronic, but their skills are still underdeveloped. My students must learn and hone the kinds of technology skills they'll really need as they enter the workforce. They must begin to use computers daily for scholarship, not just for pleasure."

*- Mr. Marshall, Virginia*

Item Category	Item Name	Vendor	Average Price*
Textbooks	Bruce, Kim B., Andrea Pohoreckyj Danyluk, and Thomas P. Murtagh. Java: An Eventful Approach. Upper Saddle River, NJ: Prentice Hall, 2005.	AKJ Books	\$141.20
Textbooks	Cahoon, James P., and Jack W. Davidson. Java Program Design 5.0. McGraw-Hill, 2004.	AKJ Books	\$171.15
Textbooks	Dann, Wanda, Stephen Cooper, and Barbara Ericson. Exploring Wonderland: Java Programming Using Alice and Media Computation. Upper Saddle River, NJ: Prentice Hall, 2010.	AKJ Books	\$135.00
Textbooks	Deitel, H. M., and P. J. Deitel. Small Java: How to Program. 6th ed. Upper Saddle River, NJ: Prentice Hall, 2005.	AKJ Books	\$148.60
Textbooks	Headington, Mark, Nell Dale, and Chip Weems. Programming and Problem Solving with Java. Sudbury, MA: Jones and Bartlett, 2003.	AKJ Books	\$174.95
Textbooks	Horstmann, Cay. Big Java. 4th ed. Hoboken, NJ: Wiley, 2010.	AKJ Books	\$153.40
Textbooks	Horstmann, Cay. Java Concepts. 6th ed. Hoboken, N.J.: Wiley, 2010.	AKJ Books	\$140.60
Textbooks	Kolling, Michael, and David Barnes. Objects First with Java — A Practical Introduction Using BlueJ Upper Saddle River, NJ: Prentice Hall, 2002.	AKJ Books	\$109.44
Textbooks	Lambert, Ken, and Martin Osborne. Fundamentals of Java: AP Computer Science Essentials for the A and AB Exams. 3rd ed. Boston: Thomson Course Technology, 2007.	AKJ Books	\$175.95
Textbooks	Lewis, John, and William Loftus. Java Software Solutions: Foundations of Program Design. 5th ed. Upper Saddle River, NJ: Prentice Hall, 2007.	AKJ Books	\$125.40
Textbooks	Lewis, John, William Loftus, and Cara Cocking. Java Software Solutions for AP Computer Science. 2nd ed. Upper Saddle River, NJ: Prentice Hall, 2007.	AKJ Books	\$103.00
Technology	Computer for each students with internet access	Best Buy for Business, CDW-G, Quill.com	\$353.66

*\*prices may change over time*

# Tech Supplies for any AP Course

The following materials are suggestions based on projects posted by DonorsChoose.org teachers for their AP courses. We encourage you to search our vendor sites to find the materials that will work best for your students.



	Best Buy for Business	CDW-G	Kaplan	Quill.com	Teachers' School Supply	Woodwind & Brasswind
Apple Products (iPods, iPads, computers)	X					X
Cameras, Camcorders	X	X	X	X	X	
Document Cameras	X	X	X	X	X	
eReaders (eg. Kindle, NOOK)	X	X		X		
Flash Drives	X	X	X	X		X
Interactive Whiteboards		X	X		X	
Laptops, Desktops, Tablets	X	X	X	X		
Printers, Scanners, Copiers	X	X	X	X		
Projectors	X	X	X	X	X	
SMART Technology Products			X			
Student Response/Voting Systems		X	X	X		
Televisions, DVD Players	X	X		X		