


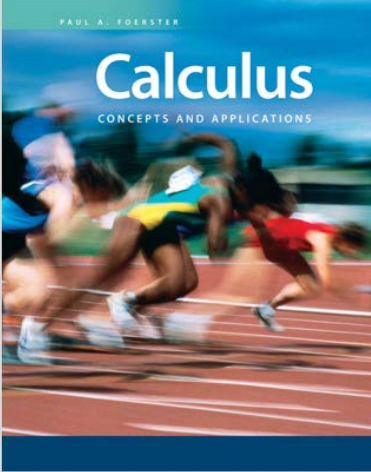
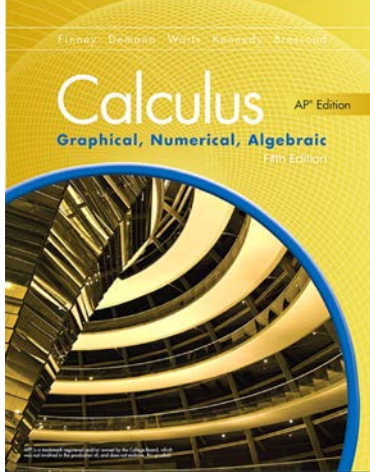
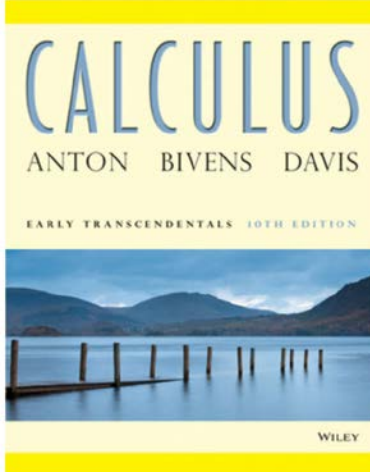
AP Mathematics
Equipment & Supply List Suggestions

<u>Vendor</u>	<u>Item Description</u>	<u>Course</u>	<u>Note</u>
Texas Instruments (www.education.ti.com)	TI-84 Plus CE	All	technology
Texas Instruments (www.education.ti.com)	TI-Nspire CX Handheld	All	technology
Texas Instruments (www.education.ti.com)	TI-Nspire CX CAS	All	technology
Texas Instruments (www.education.ti.com)	TI-89 Titanium	All	technology
Texas Instruments (www.education.ti.com)	TI-Nspire CX Student Software	All	technology
Texas Instruments (www.education.ti.com)	TI-Nspire CX CAS Student Software	All	technology
Texas Instruments (www.education.ti.com)	TI-Nspire CX and TI-Nspire CX CAS Teacher Software	All	technology
Texas Instruments (www.education.ti.com)	TI-Nspire CX Navigator System	All	technology
Texas Instruments (www.education.ti.com)	TI-SmartView CE Emulator Software for the TI-84 Plus Family	All	technology
Turning Technologies (www.turningtechnologies.com)	ExamView	All	technology
Kuta Software (www.kutasoftware.com)	Infinite Calculus	AP Calc	teacher resource/technology
Mathboat (www.mathboat.com)	AP Calculus Teacher Package	AP Calc	teacher resource
Calculus in Motion (www.calculusinmotion.com)	Calculus in Motion	AP Calc	technology (Geometer's Sketchpad required)
Key Curriculum (www.keycurriculum.com)	Geometer's Sketchpad	AP Calc	technology
Princeton Review (www.randomhouse.com)	Cracking the AP Calculus AB Exam	AP Calc	study book
Princeton Review (www.randomhouse.com)	Cracking the AP Calculus BC Exam	AP Calc	study book
Barron's (http://barronseduc.com)	Barron's AP Calculus	AP Calc	study book
McGraw-Hill (https://www.mhprofessional.com)	5 Steps to a 5: AP Calculus AB	AP Calc	study book
McGraw-Hill (https://www.mhprofessional.com)	5 Steps to a 5: AP Calculus BC	AP Calc	study book
Skylit Publishing (www.skylit.com)	Be Prepared for the AP Calculus Exam	AP Calc	study book

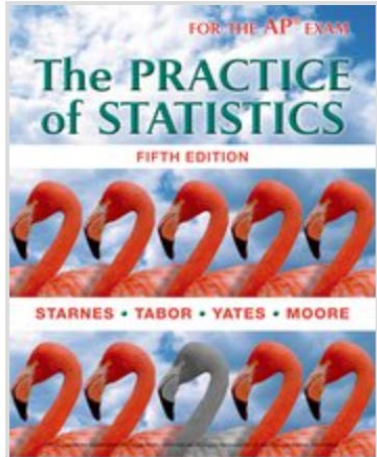
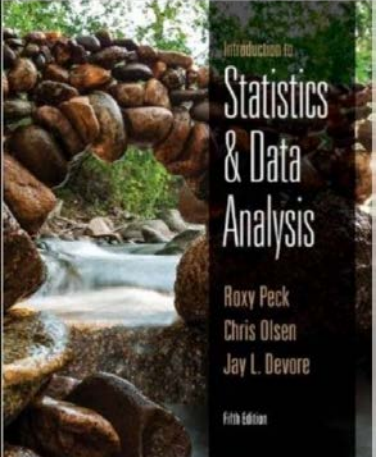
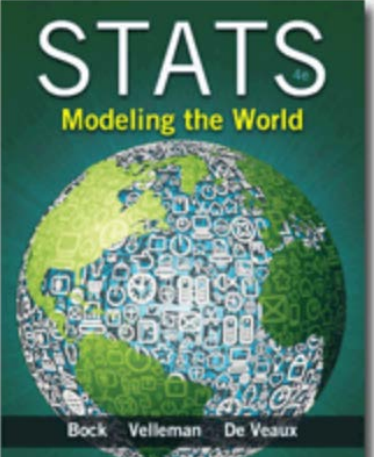
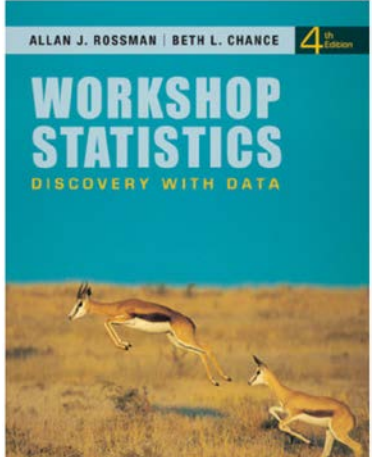
D&S Marketing Systems, Inc. (www.dsmarketing.com)	Multiple Choice & Free-Response Questions in Preparation for the AP Calculus (AB) Examination	AP Calc	study book
D&S Marketing Systems, Inc. (www.dsmarketing.com)	Multiple Choice & Free-Response Questions in Preparation for the AP Calculus (BC) Examination	AP Calc	study book
McGraw-Hill (https://www.mhprofessional.com)	5 Steps to a 5: AP Statistics	AP Stats	study book
Princeton Review (www.randomhouse.com)	Cracking the AP Statistics Exam	AP Stats	study book
Barron's (http://barronseduc.com)	Barron's AP Statistics	AP Stats	study book
Minitab (www.minitab.com)	Minitab Statistical Software	AP Stats	technology
D&S Marketing Systems, Inc. (www.dsmarketing.com)	Multiple Choice & Free-Response Questions in Preparation for the AP Statistics Examination	AP Stats	study book
Fathom (www.fathom.concord.org)	Fathom Dynamic Data Software	AP Stats	technology
JMP (www.jmp.com)	JMP Statistical Discovery Software	AP Stats	technology
DrJava (www.drjava.org)	DrJava	AP CS-A	IDE
Greenfoot (www.greenfoot.org/ap)	Greenfoot	AP CS-A	for the GridWorld case study
D&S Marketing Systems, Inc. (www.dsmarketing.com)	Multiple Choice & Free-Response Questions in Preparation for the AP Computer Science Examination	AP CS-A	study book
Barron's (http://barronseduc.com)	Barron's AP Computer Science A	AP CS-A	study book
Skylit Publishing (www.skylit.com)	Be Prepared for the AP Computer Science Exam in Java	AP CS-A	study book

AP Mathematics
Textbook Suggestions


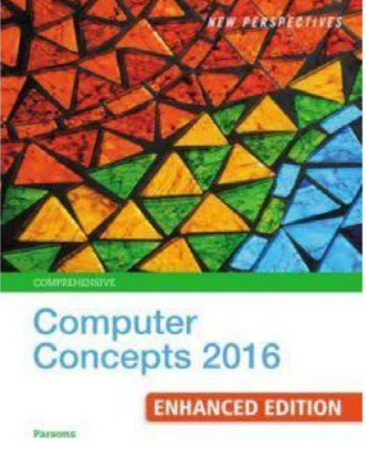

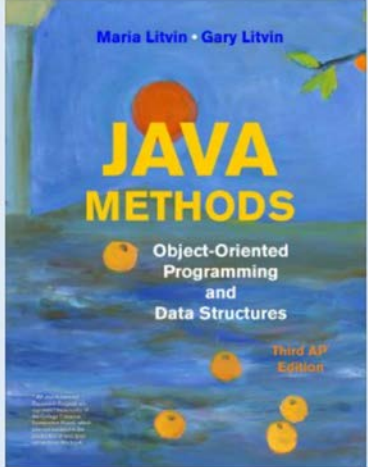
AP Calculus AB/BC

			
<p><i>Calculus of a Single Variable</i></p>	<p><i>Calculus: Concepts and Applications</i></p>	<p><i>Calculus: Graphical, Numerical, Algebraic</i></p>	<p><i>Calculus: Early Transcendentals</i></p>
<p>Larson and Edwards; 11th edition (AP Edition)</p>	<p>Foerster; 2nd edition</p>	<p>Finney, Demana, Waits, Kennedy, and Bressoud; 5th edition (AP Edition)</p>	<p>Anton, Bivens, and Davis; 10th edition</p>

AP Statistics

			
<p><i>The Practice of Statistics</i></p>	<p><i>Introduction to Statistics & Data Analysis</i></p>	<p><i>Stats: Modeling the World</i></p>	<p><i>Workshop Statistics: Discovery with Data</i></p>
<p>Starnes, Tabor, Yates, and Moore; 5th edition (AP Edition)</p>	<p>Peck, Olsen, and Devore; 5th edition (AP Edition)</p>	<p>Bock, Velleman, and De Veaux; 4th edition</p>	<p>Rossman and Chance; 4th edition</p>

AP Computer Science-A

			
<p><i>Invitation to Computer Science</i></p>	<p><i>Computer Concepts 2016: Enhanced Edition</i></p>	<p><i>Java Concepts: Early Objects</i></p>	<p><i>Java Methods: Object-Oriented Programming and Data Structures</i></p>
<p>Schneider and Gresting; 7th edition (CSP)</p>	<p>Parsons; 18th edition (CSP)</p>	<p>Horstmann; 7th edition (CS-A)</p>	<p>Litvin and Litvin; 3rd edition (AP Edition)</p>

AP Computer Science Principles Resources

College Board Endorsed Curricula

- Beauty and Joy of Computing (BJC): <https://bjc.edc.org/>
- CodeCombat: <https://codecombat.com/apcsp>
- CodeHS: <https://codehs.com/>
- Code.org: <https://code.org/educate/csp>
- Computer Science (CS) Matters: <http://www.csmatters.org/>
- CS50: <https://ap.cs50.net/>
- EMC School: <https://www.emcp.com/applied-learning/zulama/>
- Mobile Computer Science Principles (Mobile CSP): <http://mobile-csp.org/>
- Project Lead The Way (PLTW): <https://www.pltw.org/>
- UTeach CS Principles: <https://cs.uteach.utexas.edu/>

The following is a partial list of sites that were helpful as students worked through completing their Explore Performance Task.

FOR RESEARCH

- ACM Tech News (technews.acm.org) - "Timely information for IT professionals"
- Futurism (futurism.com) - interesting collection of links to research and developments
- Google Scholar (scholar.google.com) - access research articles to "Stand on the shoulder of giants."
- Google Search Commands (support.google.com) - you can communicate more directly to google if you use more than words! NPR Tech News (NPR.org) - National Public Radio Tech Segment
- Science Daily (sciencedaily.com) - Latest research news in science, technology, engineering and math

FOR CREATING ARTIFACTS

- Animoto (animoto.com) – Turn still images into a video, add text and modify
- Audacity (audacityteam.org) – Edit sound files; requires a download
- Canva (canva.com) – Create flyers and beautiful combinations of images
- ClipArt (openclipart.org) – snippets of art being shared for your use
- FreeSound (freesound.org) – sounds without copyright worries
- Wikimedia Commons (commons.wikimedia.org) – general search site
- Desmos (desmos.com) – Free. Beautiful. Math. Plotter and tools for investigation.
- Google Books NGram Viewer (books.google.com) – Search books over hundreds of years for word and/or name appearances
- Interactivate (shodor.org/interactivate) – Tools to create using math and science
- Latex to HTML Conversion Tool (codecogs.com) – Change equation to latex for html
- MindMeister (mindmeister.com) – Create flowcharts and manage projects; online tool is free and easy to use to coordinate moving many people in one direction starting with a “Mind Map” and ending with a deliverable
- Padlet (padlet.com) – group think/posting site – ask a question and collect people’s thoughts in a unique way
- Pixlr (pixlr.com) – picture editing software to edit and add special effects to an image; the download is worth it
- Screen-Cast-O-Matic (screencast-o-matic.com) – create a video of something you are doing on your computer; requires a download
- Tagul (tagul.com) – create interesting word clouds
- ThingLink (thinglink.com) - make images interactive then take video of this!
- Vimeo (vimeo.com) – video editing online; no download required
- WeVideo (wevideo.com) - editable, storage, video support