

## What Students Need on Exam Day

Subjects	What to Have Ready on Exam Day
<b>All, except for those with portfolio components</b>	<p><b>Required</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Exam ticket email</li> <li><input type="checkbox"/> Completed <a href="#">Exam Day Checklist</a>, including AP ID</li> <li><input type="checkbox"/> Device: laptop, tablet, smartphone (see below for subject-specific requirements)</li> <li><input type="checkbox"/> Browser: Chrome (recommended), Firefox, Safari, or Edge</li> <li><input type="checkbox"/> Internet or cellular connection</li> <li><input type="checkbox"/> Assistive technology and devices (if applicable, for students approved to test with accommodations)</li> </ul> <p><b>Recommended for students typing responses</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Microsoft Word, Google Docs, Notes, or another app to enter and save text</li> </ul> <p><b>Permitted</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Your class notes or study guides</li> <li><input type="checkbox"/> Textbooks and other classroom resources</li> <li><input type="checkbox"/> Previous assignments or assessments</li> </ul>
<b>Music Theory</b>	<p><b>Required</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Smartphone, tablet, or computer with camera, microphone, and a voice recording app</li> <li><input type="checkbox"/> 2–3 printed or handwritten copies of the <a href="#">answer sheet template</a> (.pdf/89 KB)</li> </ul> <p><b>Permitted</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Instruments, tuners, metronomes, digital resources are permitted to assist in <b>preparing</b> answers. However, submitted responses must be created without these aids: Part-writing responses must be entirely handwritten on the answer sheet, and sight-singing responses must be performed entirely unaccompanied and unaltered. Please refer to the sample questions and instructions for more information.</li> </ul> <p><a href="#">Learn more about this exam.</a></p>
<b>Macroeconomics Microeconomics</b>	<p><b>Recommended</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Scrap paper for sketching out graphs as an aid to answering the questions</li> </ul> <p><b>Permitted</b> Calculator</p>

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<b>Calculus AB Calculus BC</b>	<p><b>Recommended for students typing responses</b></p> <ul style="list-style-type: none"><li><input type="checkbox"/> <a href="#">Keyboarding Tip Sheet for 2020 AP Calculus Exams</a> (.pdf/625 KB)</li></ul> <p><b>Permitted</b> Calculator</p>
<b>Computer Science A</b>	<p><b>Required</b></p> <ul style="list-style-type: none"><li><input type="checkbox"/> <a href="#">Java Quick Reference</a> (.pdf/378.99 KB)</li></ul> <p><b>Permitted</b> Interactive Development Environment (IDE) or compiler</p>
<b>Statistics</b>	<p><b>Required</b></p> <ul style="list-style-type: none"><li><input type="checkbox"/> <a href="#">AP Statistics Formula Sheet and Tables</a> (.pdf/1 MB)</li></ul> <p><b>Recommended for students typing responses</b></p> <ul style="list-style-type: none"><li><input type="checkbox"/> <a href="#">Keyboarding Tip Sheet for 2020 AP Statistics Exams</a> (.pdf/472KB)</li></ul>
<b>Biology</b>	<p><b>Required</b></p> <ul style="list-style-type: none"><li><input type="checkbox"/> <a href="#">AP Biology Equations and Formulas Sheet</a> (.pdf/661.54 KB)</li></ul>
<b>Chemistry</b>	<p><b>Required</b></p> <ul style="list-style-type: none"><li><input type="checkbox"/> <a href="#">Periodic Table of the Elements</a> (.pdf/173.13 KB)</li><li><input type="checkbox"/> <a href="#">AP Chemistry Equations and Physical Constants Sheet</a> (.pdf/377.47 KB)</li></ul> <p><b>Recommended for students typing responses</b></p> <ul style="list-style-type: none"><li><input type="checkbox"/> <a href="#">Keyboarding Tip Sheet for 2020 AP Chemistry Exams</a> (.pdf/472 KB)</li></ul>
<b>Physics 1: Algebra-Based</b>	<p><b>Required</b></p> <ul style="list-style-type: none"><li><input type="checkbox"/> <a href="#">AP Physics 1 Table of Information and Formulas</a> (.pdf/557.83 KB)</li></ul> <p><b>Permitted</b> Calculator</p>

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<b>Physics 2: Algebra-Based</b>	<p><b>Required</b></p> <p><input type="checkbox"/> <a href="#">AP Physics 2 Table of Information and Formulas</a> (.pdf/647.65 KB)</p> <p><b>Permitted</b> Calculator</p>
<b>Physics C: Electricity and Magnetism</b>	<p><b>Required</b></p> <p><input type="checkbox"/> <a href="#">AP Physics C: Electricity and Magnetism Table of Information and Formulas</a> (.pdf/525.66 KB)</p> <p><b>Permitted</b> Calculator</p>
<b>Physics C: Mechanics</b>	<p><b>Required</b></p> <p><input type="checkbox"/> <a href="#">AP Physics C: Mechanics Table of Information and Formulas</a> (.pdf/519.32 KB)</p> <p><b>Permitted</b> Calculator</p>
<b>Chinese Language and Culture, French Language and Culture, German Language and Culture, Italian Language and Culture, Japanese Language and Culture, Spanish Language and Culture</b>	<p><b>Required</b></p> <p><input type="checkbox"/> iOS or Android smartphone or tablet with:</p> <ul style="list-style-type: none"><li>○ AP World Language Exam App installed (available week of May 11)</li><li>○ Access to the internet by Wi-Fi or cellular data</li><li>○ At least 30 MB of available storage</li><li>○ At least 25% battery charge (or connection to a power source)</li></ul>
<b>Latin</b>	<p><b>Permitted</b></p> <p><input type="checkbox"/> Students may use their translations and a dictionary (including online or app-based dictionaries)</p> <p>Students typing their responses may want to turn off autocorrect before the exam</p>