

# AP Calculator Policy

Calculators can be used on all or some parts of the AP Exams listed here (and on no others).

- Students should check the list of approved graphing calculators; bring only approved models.
- As of 2018, students taking the AP Biology Exam may use a four-function (with square root), scientific, or graphing calculator.
- Students may bring two permitted calculators. They should bring calculators they are familiar with that are in good working order. Calculators may not be shared.
- Calculator memories do not need to be cleared before or after the exam.

## Next steps

- [See what you can and can't do on exam day](#)
- [Learn about late testing](#)
- [See upcoming exam dates](#)

Courses and Calculator Use			
Course	Type of calculator allowed	Exam Section I	Exam Section II
Biology	Four-function (with square root), scientific, or graphing calculator	Allowed	Allowed
Calculus AB	Graphing calculator	Required for Part B	Required for Part A
Calculus BC	Graphing calculator	Required for Part B	Required for Part A
Chemistry	A scientific or graphing calculator is recommended; a four-function calculator is allowed but not recommended.	Not Allowed	Allowed
Physics 1	Four-function, scientific or graphing calculator	Allowed	Allowed
Physics 2	Four-function, scientific or graphing calculator	Allowed	Allowed
Physics C: Mechanics	Four-function, scientific or graphing calculator	Allowed	Allowed
Physics C: Electricity & Magnetism	Four-function, scientific or graphing calculator	Allowed	Allowed
Statistics	Graphing calculator with statistics capabilities. Nongraphing calculators are permitted if they have the required statistics computational capabilities described in the AP Statistics Course Description.	Expected	Expected

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Calculators are not allowed for any other AP Exams, including Macroeconomics, Microeconomics, and Environmental Science.

## 2018-19 List of Approved Graphing Calculators

Updated September 2018

### Casio

FX-6000 Series	FX-6200 Series	FX-6300 Series
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FX-6500 Series	FX-7000 Series	FX-7300 Series
FX-7400 Series	FX-7500 Series	FX-7700 Series
FX-7800 Series	FX-8000 Series	FX-8500 Series
FX-8700 Series	FX-8800 Series	Graph25 Series
FX-9700 Series*	FX-9750 Series*	FX-9860 Series*
CFX-9800 Series*	CFX-9850 Series*	CFX-9950 Series*
CFX-9970 Series*	FX 1.0 Series*	FX-CG-10 *
Algebra FX 2.0 Series*	FX-CG-20 Series*	FX-CG-50*
Graph35 Series*	Graph75 Series*	Graph95 Series*
Graph100 Series*	FX-CG500* (The use of the stylus is not permitted)	

### Hewlett-Packard

HP-9G	HP-28 Series*	HP-38G*
HP-39 Series*	HP-40 Series*	HP-48 Series*
HP-49 Series*	HP-50 Series*	HP Prime*

### Radio Shack

EC-4033	EC-4034	EC-4037
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### Sharp

EL-5200	EL-9200 Series*	EL-9300 Series*
EL-9600 Series* (The use of the stylus is not permitted)	EL-9900 Series*	

### Texas Instruments

TI-73	TI-80	TI-81
TI-82*	TI-83*	TI-83 Plus*
TI-83 Plus Silver*	TI-84 Plus*	TI-84 Plus CE*
TI-84 Plus Silver*	TI-84 Plus C Silver*	TI-84 Plus T*
TI-84 Plus CE-T*	TI-85*	TI-86*
TI-89*	TI-89 Titanium*	TI-Nspire*
TI-Nspire CX*	TI-Nspire CAS*	TI-Nspire CX CAS*
TI-Nspire CM-C*	TI-Nspire CM-C CAS*	TI-Nspire CX-C CAS*

### Other

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Datexx DS-883	Micronta	NumWorks
Smart <sup>2</sup>		

\*Graphing calculators with the expected built-in capabilities for AP Calculus are indicated with an asterisk. See the AP Calculus AB and AP Calculus BC Course and Exam Description for details. However, students may bring any calculator on the list to the exam; any model within each series is acceptable. Only approved graphing calculators from the list are permitted for AP Calculus Exams.

This list will be updated as necessary to include new approved calculators. Check this list periodically, and before the administration of the exams, to ensure that students have the most up-to-date information.

This list only includes approved graphing calculators. There is not an approved list of scientific (nongraphing) calculators.

Proctors are required to check calculators before the exam. Therefore, it is important for each student to have an approved calculator. Calculators may not be shared, and communication between calculators is prohibited during the exam.

Students must not use calculator memories to take test materials out of the room. Students who attempt to remove test materials from the room by any method will have their exam scores canceled.

## Unacceptable Calculators

**Students are not allowed to use any of the following:**

- Phones, smartwatches, or wearable technology of any kind, laptops, tablet computers, Bluetooth devices, portable listening or recording devices—MP3 player, iPod®, etc.—cameras, or other photographic equipment, devices that can access the internet, separate timers of any type, or any other electronic devices with the exception of approved calculators.
- Models with QWERTY-like (i.e., typewriter) keypads as part of hardware or software (e.g., TI92 Plus, Voyage 200)
- Models with pen-input/stylus capability (e.g., Palm, PDAs, Casio ClassPad)
- Models with wireless, Bluetooth, or cellular capability
- Models that require an electrical outlet, “talk”, make noise, or have a paper tape
- Models that can access the internet
- Models that have cell phone capability or audio/video recording capability
- Models that have a digital audio/video player
- Models that have a camera or scanning capability, or any other smartphone-type features
- Models with touch-screen capability that aren’t on the list of approved graphing calculators (e.g., Casio ClassPad)
- Hardware peripherals such as a stylus, keyboard, or wireless adapter with an approved calculator

## School-supplied backup calculators

Proctors should have a supply of extra AP-approved calculators on exam day. The proctor may be able to provide a substitute calculator if:

- A student does not have a calculator
- A student arrives with an unacceptable calculator
- A calculator malfunctions during the administration

Additionally, students may bring up to two calculators to exams, but they cannot share them.

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