

# The Gregory School

## Department of Mathematics

### 2020-2021 Upper School Calculator Information

Students enrolled in upper school level math courses who do not have a graphing calculator from last year should purchase a **TI-84 Plus, TI-84 Plus CE, or TI-Nspire CX** graphing calculator. *Most other models do more or less than we prefer and will not be supported by our faculty or permitted on any tests in the Middle or Upper School.* In particular, calculators performing symbolic algebra operations (such as the TI-89 or TI-Nspire CX CAS) are not allowed because they solve many of the problems we want our students to be able to do by hand. Other brands such as Casio or HP that do not perform symbolic algebra operations are allowed but not supported by the faculty.

The graphing calculator will be used frequently on homework, as well as on some quizzes and tests or parts of them. When the graphing calculator is used on a test, students will generally be required to first clear the memory of the calculator.

Here is some information to help you in deciding which graphing calculator is right for your student:



Permitted on Tests						
SAT*	•	•	•	•	•	•
AP*	•	•	•	•	•	•
PSAT/NMSQT*	•	•	•	•	•	•
ACT*	•	•	•	•	•	•
IB®	•	•	•	•	•	•
Key Features						
User Available Memory	160KB/24K (ROM/RAM)	480KB/24K (ROM/RAM)	3.0MB/154K (ROM/RAM)	100MB	2.7MB/188K (ROM/RAM)	100MB
USB Cable Included		•	•	•	•	•
Color display			•	•		•
Rechargeable Battery			•	•		•
Alkaline Batteries (4AAA)	•	•			•	
Ability to utilize images***			•	•	•	•
Includes computer software**				•		•

## Appropriate for these courses

Pre-Algebra	•	•	•	•		
Algebra 1 & 2	•	•	•	•		
Trigonometry	•	•	•	•		•
Geometry		•	•	•	•	•
Precalculus		•	•	•	•	•
Calculus/AP* Calculus	•	•	•	•	•	•
Statistics/AP* Statistics	•	•	•	•		•
Business & Finance	•	•	•	•		•
College Math		•	•	•	•	•
Electrical Engineering					•	•
Mechanical Engineering				•	•	•
Differential Equations				•	•	•
Linear Algebra		•	•	•	•	•
Life Science				•		•
Earth Science				•		•
Physical Science				•		•
Biology/AP* Biology	•	•	•	•		•
Chemistry/AP* Chemistry	•	•	•	•		•
Physics/AP* Physics	•	•	•	•	•	•