

## Clayton County Public Schools

### Calculator Allowances and Restrictions Georgia Milestones Assessment System

All Clayton County Public Schools and students must adhere to the guidelines provided below. It is incumbent upon Schools, School Test Coordinators, and Test Examiners, to ensure that all calculator policies are implemented and followed. Given that technology changes rapidly, these guidelines may change at any time. Calculators may not be shared by students. By design, calculators are not required for any Georgia Milestones test item. Instead, calculators are an allowable tool for student use as noted below.

#### Allowable Calculators for Georgia Milestones:

- Grades 3-5 EOG: No calculators allowed
- Grade 6 EOG: Basic four-function calculator with square root and percentage functions
- Grade 7-8 EOG: Scientific calculator or basic calculator
- Algebra I EOC: Graphing calculator or scientific calculator

#### The following devices/features are NOT allowed:

- For basic and scientific calculators, devices that store text and/or that have QWERTY keyboards or typewriter-like keyboards
- Calculators that have programs stored in the memory other than those that are factory installed
- No cell phones, personal laptops, minicomputers, pocket organizers, iPods, and personal tablets
- Calculators with beaming capabilities
- Calculators with wireless communication technologies and/or Internet access
- Calculators with built in Computer Algebra System (CAS) – including those that allow CAS to be disabled
- Calculators that make noise, have paper tape, or that have voice (\*)

(\*) Does not apply to talking calculators for students who may require that functionality per an IEP/IAP.

In grades 6-high school, calculators are allowed for all students on certain sections of the mathematics test. All students may use a calculator on these sections. For the no-calculator subsection of the mathematics tests at these grades, it is not permissible to assign a calculator as an accommodation. No student may use a calculator on the designated no-calculator subsection in grades 6-high school. It is not permissible to prescribe use of a calculator as an accommodation for the no-calculator subsection in grades 6-high school. Use of a calculator in the no-calculator subsection may result in invalidation.

Additionally, the School Test Coordinator and Test Examiner must ensure that all calculators being used for the assessment have no programs stored in memory other than those that are factory installed. Any non-factory programs or applications must be removed or disabled prior to testing. For specific

assistance in effectively preparing calculators for use during testing, please contact the calculator manufacturer.

All questions regarding calculator usage should be directed to the System Test Coordinator, Dr. Natasha Jefferson.

**One allowable hand-held calculator is permitted** in online or paper testing environments as identified in the chart below:

| Content Area   | Grade Level/Course   | Type of Calculator               |
|--|----------------------|----------------------------------|
| Mathematics  | Grades 3 – 5 EOG     | Not Allowed                      |
|  | Grade 6 EOG          | Basic <sup>1</sup>               |
|  | Grades 7 – 8 EOG     | Scientific or Basic <sup>1</sup> |
|  | Algebra I EOC        | Graphing or Scientific           |
| Science  | Physical Science EOC | Scientific or Basic <sup>1</sup> |
| <sup>1</sup> Basic four-function calculator with square root and percentage functions allowed.                                   |                      |                                  |
| <b>Note:</b> Calculators are not permitted on certain designated subsections of each mathematics test in grades 6 – high school. |                      |                                  |

**It is the expectation that calculators are available to students during daily instruction, and students have opportunities to utilize the types of calculators indicated above, throughout the school year. All schools (and examiners) must be consistent throughout the district.**

***“Students are permitted to use a personal calculator for testing if it meets the guidelines of an approved calculator.”***

Specific Directions – Graphing Calculators: Graphing calculators are allowed for student use on the mathematics EOCs only. Given that many models of graphing calculators possess the ability to store text, it is required that System Test Coordinators, School Test Coordinators, and Test Examiners confirm prior to testing and immediately after testing (before dismissing students), and that all graphing calculators are cleared of any stored text. Should it be confirmed that a student either brought information into the test setting, or left the test setting with secure test information, the student’s test will be invalidated. Further, a failure to confirm that text is cleared prior to, and after, testing may raise security concerns with all test administrations within a school, and possibly across the entirety of the local system. Please note that Georgia Milestones will provide an online graphing calculator, where appropriate, for student use. Any concerns a system may have regarding the requirement to ensure that each device is cleared of text and other non-factory installed programs can be eliminated by testing students online. Please note that the above provisions and requirements also apply to any other type of calculator, either basic or scientific, where applicable.