

Calculator and Reference Sheet Policies for Florida Statewide Assessments

Calculators

	FAST/B.E.S.T.	Statewide Science
Grades 3-5	Grades 3-5 FAST Mathematics <ul style="list-style-type: none"> No calculator permitted. 	Grade 5 Science <ul style="list-style-type: none"> No calculator permitted.
Grade 6	Grade 6 FAST Mathematics <ul style="list-style-type: none"> Online four-function calculator provided in the computer-based testing (CBT) platform. A demo version of the online four-function calculator may be accessed on the Florida Statewide Assessments Portal for use in the classroom. CBT students may use a handheld four-function calculator during the assessment. Students with paper-based accommodations must be provided a handheld four-function calculator for use during the assessment. 	
Grades 7-8	Grades 7-8 FAST Mathematics <ul style="list-style-type: none"> Online scientific calculator provided in the computer-based testing (CBT) platform. A demo version of the online scientific calculator may be accessed on the portal for use in the classroom. CBT students may use a handheld scientific calculator during the assessments. Students with paper-based accommodations must be provided an approved handheld scientific calculator for use during the assessments. See below for a list of approved handheld scientific calculators, as well as a list of prohibited functionalities for calculators. Calculators that allow these prohibited functionalities may not be used. 	Grade 8 Science <ul style="list-style-type: none"> Online four-function calculator provided in the computer-based testing (CBT) platform. A demo version of the online four-function calculator may be accessed on the portal for use in the classroom. CBT students may use a handheld four-function calculator during the assessment. Students with paper-based accommodations must be provided a handheld four-function calculator for use during the assessment. Students may not be provided a scientific calculator.

End-of-Course (EOC)	<p>B.E.S.T. Algebra 1 and Geometry EOCs</p> <ul style="list-style-type: none"> • Online scientific calculator provided in the computer-based testing (CBT) platform. • A demo version of the online scientific calculator may be accessed on the portal for use in the classroom. • CBT students may use a handheld scientific calculator during the assessments. • Students with paper-based accommodations must be provided an approved handheld scientific calculator for use during the assessments. • See below for a list of approved handheld scientific calculators, as well as a list of prohibited functionalities for calculators. Calculators that allow these prohibited functionalities may not be used. 	<p>Biology 1 EOC</p> <ul style="list-style-type: none"> • Online four-function calculator provided in the computer-based testing (CBT) platform. • A demo version of the online four-function calculator may be accessed on the portal for use in the classroom. • CBT students may use a handheld four-function calculator during testing. • Students with paper-based accommodations must be provided a handheld four-function calculator for use during the assessment. • Students may not be provided a scientific calculator.
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Handheld Four-Function Calculators for FAST Grade 6 Mathematics

The following are FDOE-approved four-function calculators for the 2024–2025 school year:

- Texas Instruments TI-108
- Casio HS-4G
- Sharp EL233SB

Schools may use calculators not on this list if district mathematics specialists determine they meet the specifications below. FDOE will not review or approve additional models not listed above. Students are not allowed to share calculators. Not every test item will require the use of a calculator.

Students will need access to the following calculator functions:

- Addition
- Subtraction
- Multiplication
- Division
- Square root
- Percentage

Parentheses, change sign (plus/minus), and memory buttons are allowable.

Students **may not** use a handheld calculator that has **any** of the following prohibited functionalities:

- Tax rate buttons
- Mark up
- Grand total

Handheld Scientific Calculators for FAST/B.E.S.T. Mathematics

(Grades 7–8 FAST Mathematics, B.E.S.T. Algebra 1 and B.E.S.T. Geometry EOCs)

The following are FDOE-approved scientific calculators for the 2024–2025 school year:

- Texas Instruments TI-30Xa
- Casio fx-260 solar
- Casio fx-82 solar
- Sharp EL-510R
- Sharp EL-510RN

Schools may use calculators not on this list if district mathematics specialists determine they meet the specifications below. FDOE will not review or approve additional models not listed above. Students are not allowed to share calculators. Not every test item will require the use of a calculator.

Note: A handheld four-function calculator may be provided for computer-based mathematics tests that require a scientific calculator but is not recommended and may not be sufficient for all assessment items.

Students will need access to the following calculator functions:

- π
- x^2
- Square root ($\sqrt{\quad}$)
- x^3 or x^y for Grade 8 and EOCs
- $\sqrt[3]{x}$ or $\sqrt[y]{x}$ for Grade 8 and EOCs
- Trigonometric functions for Geometry

Students **may not** use a handheld calculator that has **any** of the following prohibited functionalities:

- CAS (an ability to solve algebraically) or a solver of any kind
- regression capabilities
- a table
- unit conversion other than conversions between degrees and radians (e.g., feet to inches)
- ability to simplify radicals
- graphing capability
- matrices
- a display of more than one line
- text-editing functionality (edit, copy, cut, and paste)
- the ability to perform operations with complex numbers
- the ability to perform prime factorization
- the ability to find greatest common divisor (gcd) or least common multiple (lcm)
- wireless or Bluetooth capability or Internet accessibility
- QWERTY keyboard or keypad
- need for an electrical outlet
- calculator peripherals

Please remember that students may not have access to ANY electronic device, including, but not limited to, cell phones, smartwatches, and smartphones, during testing OR during breaks. They may not, therefore, use any personal electronic device to access a calculator. Use of an electronic device, other than an APPROVED handheld calculator, will result in test invalidation.

Reference Sheets for FAST/B.E.S.T. Mathematics Assessments

- Reference sheets are available as online resources (in a pop-up window) in the CBT platform.
- A paper version of the reference sheet is included in each session of the test and response books for paper-based assessments. Students may not tear the reference sheets out of the test books.
- Schools may provide separate hard copy reference sheets to students. Copies must be made from the [FAST/B.E.S.T. Mathematics Reference Sheets Packet](#) on the portal.
- There is no reference sheet for Grade 3 FAST Mathematics.
- For Grades 4, 5, 6, 7, and 8, and B.E.S.T. Algebra 1 and Geometry, some conversions and formulas will be provided on the reference sheet.

Grade/Course	Conversions	Some Formulas
3	No	No
4	On Reference Sheet	On Reference Sheet
5	On Reference Sheet	On Reference Sheet
6	On Reference Sheet	On Reference Sheet
7	On Reference Sheet	On Reference Sheet
8	On Reference Sheet	On Reference Sheet
B.E.S.T. Algebra 1	On Reference Sheet	On Reference Sheet
B.E.S.T. Geometry	On Reference Sheet	On Reference Sheet

Periodic Table of the Elements for Grade 8 Statewide Science Assessment and Biology 1 EOC Assessment

- For paper-based tests (paper-based accommodations for Grade 8 Science and Biology 1 EOC), a paper version of the periodic table is provided to students along with their test materials. A sample version is posted on the [portal](#).
- The periodic table is available as an online reference (in a pop-up window) in the CBT platform for the Grade 8 Science and the Biology 1 EOC.
- Schools may provide separate hard copy periodic tables to students taking the CBT Grade 8 Science or Biology 1 EOC. Any hard copy periodic tables must be printed or copied from the [file](#) found on the portal.