November 2018

2019 NSCAS General Mathematics Calculator Policy for paper /pencil version

The NSCAS Calculator Policy is designed to ensure fairness for all students, avoid disturbances in the testing room, and protect the security of the test materials**. The policy will apply to students using a calculator on the paper/pencil version of the assessment.** It is recommended that calculators used on the assessment are also used during instruction.

General information for administering the 2019 NSCAS General Mathematics calculator section on the paper/pencil assessment is available in the NSCAS Test Administration Manual- Paper/Pencil Administration.

For *the first questions of the Mathematics Part 1, students in grades 6-8 must be provided access to a calculator. After students have answered the questions in Part 1, calculators will be collected. Students may NOT use calculators for the rest of the mathematics assessment.*

Types of Calculators Available

Grades 3-5	Grade 6	Grades 7-8
No calculator	Four-Function Calculator	Scientific Calculator
Calculators may not have the following:		
• Built in or downloaded computer algebra system functionality		
• Programmable or graphing		
• Access to the internet		

Facilitation Notes:

- A permitted calculator may be used ***only*** on the calculator section (Part 1) of the paper/pencil version of the NSCAS Summative Mathematics for grades 6, 7, and 8. After students have completed this section, calculators **must** be collected.
- Calculators can be provided by the school or brought by the student.
- Test sites should have spare calculators and extra batteries for calculators.
- Sharing calculators during a test is not permitted.
- For students with IEPs, check accommodations and guidance in the NSCAS Summative & Alternate Accountability Manual for calculator use **prior to** the test administration.

The following types of calculators are permitted, but only after they are modified as noted:

- Calculators that can hold programs or documents: Remove all documents and remove all programs that have computer algebra system functionality.
- Calculators with paper tape: Remove the tape.
- Calculators that make noise: Turn of the sound.
- Calculators with an infrared data port: Completely cover the infrared data port with heavy opaque material such as duct tape, or electrician's tape. These calculators include the Hewlett-Packard HP 38G series, HP 39G series, and HP 48G.
- Calculators with power cords: Remove all power/electrical cords.

The following types of calculators are prohibited:

- Calculators with built-in or downloaded computer algebra system functionality including

Texas Instruments	Hewlett-Packard:	Casio:
○ All model numbers that begin with TI-89 or TI-92 ○ TI-Nspire CAS *(Note: TI-Nspire is permitted if not marked CAS.)*	○ HP Prime ○ HP 48GKK ○ All model numbers that begin with HP 40G, HP 49G, or HP 50G	○ Fx-CP400 (ClassPad 400) ○ ClassPad 300 or ClassPad 330 ○ Algebra fx 2.0 ○ All model numbers that begin with CFX-9970G

- Handheld, tablet or laptop computers (including PDAs)
- Electronic writing pads or pen-input devices *(Note The Sharp EL 9600 is permitted.)*
- Calculators built into cell phones or any other electronic communication devices.
- Calculators with a typewriter keypad *(Letter keys QWERTY format)*