

## Calculator Policy

Updated July 2018

### ILEARN

The chart below delineates calculators that may be used on the ILEARN assessment. A calculator is not allowed for ILEARN Science assessments, unless deemed appropriate as an accommodation through an IEP, Section 504 Plan, or Service Plan.

<b>Mathematics Assessment</b>	<b>General Education Students</b>	<b>Students with IEPs, Section 504 Plans, Service Plans, Nonpublic Schools Section 504 Accommodation Plan and/or Choice School Education Plan (CSEP)</b>
Grades 3-5*	No calculator allowed.	No calculator allowed.  (May have a hundreds chart if listed as an accommodation.)
Grade 6	Online Desmos Four Function calculator during calculator segments only.	Online Desmos Four Function calculator during calculator segments only.  (May use a hundreds chart, 9 x 9 multiplication table, or handheld/adaptive calculator if listed as an accommodation for calculator segments only.)
Grades 7-8	Online Desmos Scientific calculator during calculator segments only.	Online Desmos Scientific calculator during calculator segments only.  (May use a hundreds chart, 9 x 9 multiplication table, or handheld/adaptive calculator if listed as an accommodation for calculator segments only.)

\*The Department (IDOE) revisited the use of the calculator in Grades 3-5 as an accommodation to ensure reporting reflects the construct being assessed. After receiving feedback from educators regarding accessibility, IDOE will no longer allow calculators as an accommodation in Grades 3-5 as most of these foundational mathematical skills include computation.

NOTE: Paper assessment mode is only provided in cases where a corporation's technology is not able to support online testing or as an accommodation for a student with an IEP or Section 504 Plan that clearly indicates the reason that the computer-based test is not currently accessible or appropriate. Paper assessments are not computer-adaptive. Accommodations for the paper assessment mode at each grade level are the same as above. An equivalent handheld calculator may only be used in grades 6-8 during calculator segments for paper testers.

## I AM

The chart below delineates calculators that may be used on the I AM assessment. A calculator is not allowed for the I AM Science assessment, unless deemed appropriate as an accommodation through an IEP, Section 504 Plan, or Service Plan.

<b>Mathematics Assessment</b>	<b>Students with IEPs</b>
Grades 3-5	No calculator allowed. May use a hundreds chart or 9 x 9 multiplication table if listed as an accommodation.
Grades 6-8	Online or a non-embedded calculator for students needing a handheld or special calculator, such as a braille calculator in Mathematics for grades 6-8. May not exceed the functionality of a four-function calculator.  May use a hundreds chart or 9 x 9 multiplication table if listed as an accommodation.
Grade 10	Online or a non-embedded calculator for students needing a handheld or special calculator, such as a braille calculator in Mathematics for grade 10. May not exceed the functionality of a four-function calculator.  May use a hundreds chart or 9 x 9 multiplication table if listed as an accommodation.

## ISTEP+ Grade 10 Mathematics

For online test sessions that allow calculator use, **general education students must use the online calculator only**; handheld calculators are not allowed. Students testing paper-and-pencil may use a handheld calculator as long as the functionality:

- does not exceed that of a graphing calculator; and
- does not meet or exceed the following criteria:
  - Calculators with QWERTY keypads
  - Calculators with a computer algebra system or dynamic algebra system
  - Calculators with infrared communication functionality
  - Calculators with paper tapes
  - Calculators that require an electrical outlet
  - Calculators that make noise or “talk” (Restriction does not apply to students with visual impairments.)

For students with IEPs, Section 504 Plans, Service Plans, Nonpublic Schools Section 504 Accommodation Plan and/or Choice School Education Plan (CSEP), the student may use a calculator (either online or handheld) during sessions identified as non-calculator sessions only if a calculator accommodation is noted in the plan.

Additional Guidance:

- Pocket organizers, handheld computers, laptop computers, electronic writing pads, cellular phones, smart watches, and digital music players are prohibited for use as a calculator on any part of the ISTEP+ assessment.
- The memory, stored programs, and applications in each personal calculator should be cleared before and after testing. Students should be told prior to the test day to store all software and data they wish to save on a computer or calculator not being used for the test.
- Sharing of calculators during a test session is prohibited.

### **ISTEP+ Algebra 1 End of Course Assessment**

Students are allowed to use a calculator on one session of the Algebra I ECA. Students are **not** allowed to use a calculator on the other session unless specified in the student's IEP, Section 504 plan, Service Plan, Nonpublic Schools Section 504 Accommodation Plan and/or Choice School Education Plan (CSEP). Students should use calculators with which they are familiar. Sharing of calculators is prohibited.

The memory and stored programs and applications in each personal calculator should be cleared before and after testing. Students should be told prior to the test day to store all software and data they wish to save on a computer or calculator not being used for the test.

The **prohibited** calculator list below is not exhaustive. Changes in technology occur at a rapid pace; thus, it is very difficult to list all of the calculators not permissible. In general, calculators with a QWERTY keyboard, a computer algebra system (CAS), and talking devices are NOT allowed. Be sure to ask your mathematics department chair if you are unsure whether a particular calculator is allowed.

### **Examples of Calculator Models NOT Allowed**

- Models with QWERTY keypads, such as:
  - TI-89
  - TI-92
  - TI-Voyage
  - HP 95
- Models with a computer algebra system (CAS) or dynamic algebra system, such as:
  - TI-Nspire + CAS
  - HP 49G
  - Casio ClassPad 300
- Models with infrared devices
- Models with paper tapes
- Models that require an electrical outlet
- Models that make noise or “talk”
- Pocket organizers, handheld computers, laptop computers, electronic writing pads or pen-input devices, such as:
  - Palm Pilot
  - HP Jornada
  - Casio Cassiopeia
  - Handspring Visor
  - Audiovox Maestro
  - Compaq iPAQ

- Sony CLIE PEG
  - Sharp Wizard, Sharp Zaurus
  - NEC Mobile Pro
- Cellular phones, smart watches, or other wireless communication devices, such as:
  - iPod touch