

Calculator Policy

Updated February 2020

ILEARN

The charts below delineate calculators that may be used on the ILEARN assessments.

Mathematics Assessment	General Education Students	Students with IEPs, Section 504 Plans, Service Plans, and/or CSEPs
Grades 3-5*	No calculator allowed.	No calculator allowed. Students may use a hundreds chart and/or 9 x 9 multiplication table on all items if listed as an accommodation.
Grade 6	Online Desmos Four Function calculator during calculator segments and performance tasks only.	Online Desmos Four Function calculator during calculator segments only. Students may use a hundreds chart or 9 x 9 multiplication table if listed as an accommodation for all items. Students may use a handheld/adaptive calculator** if listed as an accommodation for calculator segments and performance tasks only.
Grades 7-8	Online Desmos Scientific calculator during calculator segments and performance tasks only.	Online Desmos Scientific calculator during calculator segments only. Students may use a hundreds chart or 9 x 9 multiplication table if listed as an accommodation for all items. Students may use a handheld/adaptive calculator if listed as an accommodation for calculator segments and performance tasks only.

*The Indiana Department of Education (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.

****IDOE understands Four Function calculators may be difficult to procure, and those available for purchase may have additional features, such as percentage, positive/negative, or memory functions. Handheld/adaptive basic calculators used as a grade 6 accommodation may include these additional functions, which are not expected to provide an advantage for the student. Please contact IDOE directly if you have additional questions regarding appropriate calculators for the assessment.**

Science Assessment	General Education Students	Students with IEPs, Section 504 Plans, Service Plans, and/or Choice Special Education Plans (CSEPs)
Grades 4, 6, Biology	No calculator allowed.	Students may use a handheld/adaptive calculator, hundreds chart and/or 9 x 9 multiplication table on all items if listed as an accommodation.

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 students testing on paper.**

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An online [Desmos Four Function](#) calculator is allowed for all students.

Students may use a [hundreds chart](#), [9 x 9 multiplication table](#), or handheld or special calculator if listed as an accommodation in the student's IEP. Handheld or special calculators may not exceed the functionality of a four-function calculator.

ISTEP+ Grade 10 Mathematics

For online test sessions that allow calculator use, students may use the [online Desmos graphing calculator](#) or a handheld calculator¹. For paper test sessions that allow calculator use, student may use a handheld calculator¹.

The functionality of the handheld calculator:

- does not exceed that of a graphing calculator; and
- does not meet or exceed the following criteria:
 - o Calculators with QWERTY keypads
 - o Calculators with a computer algebra system (CAS) or dynamic algebra system
 - o Calculators with infrared communication functionality
 - o Calculators with paper tapes
 - o Calculators that require an electrical outlet
 - o 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 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.
- Students and educators may learn more about the functionality of the Desmos Graphing Calculator at this location: <http://learn.desmos.com/graphing>

¹ TAs must oversee the use of the handheld calculator to ensure use only during appropriate test segments. Misuse of a calculator may result in a test invalidation for an assessment needed by a student to fulfill graduation requirements.