



# Indiana Department of Education

Dr. Katie Jenner, Secretary of Education

## Assessment Calculator Policy

### ILEARN

The Indiana Department of Education (IDOE) provides the table below to delineate calculators that may be used on the ILEARN Mathematics assessments for specific student populations. This table includes information for students with Individualized Education Programs (IEPs) Section 504 Plans, Service Plans, and/or Choice Special Education Plans (CSEPs). Refer to the *Accessibility and Accommodations Information for Statewide Assessments* for additional details regarding available accommodations.

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.
Grade 6	Online Desmos four-function calculator during calculator segments and performance tasks only.	Students may use a four-function handheld/adaptive calculator* if listed as an accommodation for calculator segments and performance tasks only.
		Students may use the online (embedded) Desmos four-function calculator and/or a handheld/adaptive calculator for all items if the case conference committee determines the accommodation is appropriate based on student needs as defined in IDOE's <i>Accessibility and Accommodations Information for Statewide Assessments</i> .
Grades 7-8	Online Desmos scientific calculator during calculator segments and performance tasks only.	Students may use a scientific handheld/adaptive calculator if listed as an accommodation for calculator segments and performance tasks only.
		Students may use the online (embedded) Desmos scientific calculator and/or handheld/adaptive calculator for all items if the case conference committee determines the accommodation is appropriate based on student needs as defined in IDOE's <i>Accessibility and Accommodations Information for Statewide Assessments</i> .

\*IDOE understands that 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 that do not provide additional benefit. Contact IDOE's [Office of Student Assessment](#) with questions regarding appropriate calculators for the assessment.

### Assigning Calculator Use Accommodation for All Mathematics Items:

Calculator accommodations on all mathematics items for ILEARN 6-8 may be assigned locally based on decisions made by the case conference committee. The evidence and data presented must indicate the student has a lifelong inability to compute and reason using general numerical



## Indiana Department of Education

Dr. Katie Jenner, Secretary of Education

principles (e.g., number sense) without support as indicated by challenges with long-term application of computational strategies or additional long-term deficits.

Framework to guide conversations regarding the assignment of this accommodation:

- Does the local school or corporation have well-documented evidence of difficulty in mathematics calculation and/or mathematics problem solving even with the implementation of evidence-based strategies done with fidelity?
- Does the student have a recent educational eligibility that would impact the student's ability to accurately and effectively compute or numerically reason?

The following table delineates calculators that may be used on the ILEARN science assessments for specific student populations. Refer to IDOE's *Accessibility and Accommodations Information for Statewide Assessments* for additional details regarding available accommodations.

Science Assessment	General Education Students	Students with IEPs, Section 504 Plans, Service Plans, and/or CSEP
Grades 4 and 6	Online Desmos four-function calculator for all items.	Students may use a handheld/adaptive calculator for all items if the case conference committee determines the accommodation is appropriate based on student needs. Students must have the accommodation indicated on a current, finalized formal plan.
Biology	Online Desmos scientific calculator for all items.	Students may use a handheld/adaptive calculator for all items if the case conference committee determines the accommodation is appropriate based on student needs. Students must have the accommodation indicated on a current, finalized formal plan.

### I AM

The online Desmos four-function calculator is provided through the Test Delivery System (TDS) to all students during I AM Mathematics and Science assessments for all items.

Students may use a handheld or adaptive calculator with or in place of the online calculator. Use of a handheld or adaptive calculator is a universal feature available for all students. Handheld or special calculators may not exceed the functionality of a four-function calculator.

### SAT

IDOE administers College Board's Digital SAT School Day for high school accountability. The online (embedded) Desmos graphing calculator is provided for all SAT Mathematics items. A non-embedded (handheld) calculator may also be used for all SAT Mathematics sections. Students may use the Desmos graphing calculator built into Bluebook, the digital testing app, or



# Indiana Department of Education

Dr. Katie Jenner, Secretary of Education

bring an acceptable calculator of their own. Review directions in College Board's *Digital SAT School Day Coordinator's Manual* for additional information regarding calculator use on the SAT.

## **Additional Calculator Guidance for All Assessments**

- Pocket organizers, handheld computers, laptop computers, digital tablets, electronic writing pads, phones, math applications, smart watches, and digital music players are prohibited for use as a calculator on all statewide assessments.
- 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 assessment.
- Sharing of calculators during a test session is prohibited.