

2020-2021 Technology Policy

Introduction to CAI-Deployed Assessments and Computer-Adaptive Testing:

Cambium Assessments, Inc. (CAI) is the vendor for the ILEARN, IREAD-3, I AM, and ISTEP+ assessments in 2020-2021. **The expectation is that all corporations and schools administer testing online¹.**

- ILEARN is the summative assessment system for Indiana students in grades 3-8. ILEARN English/Language Arts (ELA), Mathematics, and Science assessments utilize computer-adaptive testing (CAT) technology.
 - CAT adapts the difficulty of the test based on student responses to previous questions or sets of questions.
 - CAT assessments provide a set of questions that not only meet the test blueprint, but are also individually tailored to each student and can quickly identify which skills students have mastered. This allows for a unique assessment experience for students at various levels of mastery and more precise data outcomes.
 - **Social Studies and optional U.S. Government are delivered using a fixed-form test design.**
- IREAD-3 is a fixed-form assessment primarily for students in grade 3, as well as students who are eligible to retest in grades 4-5.
- I AM is a stage-adaptive assessment for students with significant cognitive disabilities in grades 3-8 and 10. I AM assesses ELA, Mathematics, Science, and Social Studies content areas.
- ISTEP+ Retest is a fixed-form assessment for ELA and Mathematics. Participating in at least one retest opportunity is one way that high school students in cohorts 2021 and 2022 may fulfill high school graduation requirements. Retest administrations are offered at specific times over the course of the year.

CAI Test Delivery System:

CAI's test delivery system (TDS) has a simplistic setup for corporations/schools. CAI's Secure Browser is the only piece of software needed to administer tests. The Secure Browser is designed to:

- deploy easily to individual devices or multiple devices across a network;
- prevent test interruptions due to connectivity issues; and
- preclude students from accessing other applications, copying information, etc.

Neither a local caching server nor a secondary save location (SFTP server) is required.

- In the event of an Internet or power outage, student responses already provided are saved, and students will restart where they left off once the connection is restored.

¹ A small quantity of "fixed" paper test forms are available for students with documented paper testing accommodations and students who, for religious reasons, object to the use of such technology. Note that "fixed" paper forms will yield limited assessment data as compared to the CAT forms.

- The system is designed to make multiple attempts to reach the server if the connection is lost. Connections are often re-established without the student being aware that the connection was temporarily lost.
- If a connection cannot immediately be re-established or a student experiences persistent connectivity issues, testing must be paused until issues are resolved.

CAI provides diagnostic tools to check for system readiness. The Network Diagnostic Tool allows schools to test the capacity of their local networks and make adjustments, as necessary. The Text-to-Speech (TTS) Sound Check tool allows schools to verify that audio is functioning on the student testing device. Corporations and/or schools are required to determine network and system readiness in advance of test administrations and should establish contingency plans to ensure successful local delivery of the assessments. These diagnostic tools can be accessed via the Secure Browser or at <https://demo.tds.cambiumast.com/systemdiagnostic/pages/default.aspx>.

System Requirements:

CAI supports versions of Windows, macOS, Linux, iOS, Android, and Chrome OS, as well as a multitude of device types. Currently supported operating systems, devices, and web browsers for all CAI applications can be found at <https://ilearn.portal.cambiumast.com/supported-browsers.stml>. Full system requirements are detailed in the Technology Setup for Online Testing Quick Guide, which can be found on [each programs' portal](#) under the Technology Resources tab.

Other Requirements:

- **Test Administrator Device:** Each Test Administrator (TA) must have a device available for administration of CAI assessments. The device will be used to manage and monitor student testing. The device must be school-owned; smart phones may not be used. Supported operating systems, devices, and web browsers can be viewed under the TA Sites column of the System Requirements table, available [here](#).
- **Headphones/Earbuds:** Wired headphones/earbuds are required for all students for listening and media literacy items on ILEARN ELA assessments. Generic headphones/earbuds that are compatible with the testing device may be used. Headphones/Earbuds that connect wirelessly (i.e., via Bluetooth) to students' personal electronic devices cannot be used. Wireless headphones pose a threat to test security. Please note:
 - Students with TTS accommodations need headphones/earbuds for all ILEARN assessments.
 - The Audio and/or TTS Sound Check tool should be used to test functionality of headphones/earbuds prior to starting a test.
- **“Bring Your Own Device” (BYOD) Policy:** The Indiana Department of Education (IDOE) approves the use of BYOD for CAI assessments. Please note the following requirements:
 - Device and operating system must be supported by CAI for testing.
 - Secure Browser must be installed on the device.
 - Chromebooks must be in kiosk mode to access the Secure Browser.
 - Note: Chromebooks manufactured in 2017 or later require Enterprise or Educational licensing to utilize kiosk mode.
 - Students must use the same device in the secure practice test and operational test.

- Completion of a Systems Readiness Test (SRT) is required for schools utilizing BYOD.
- **Availability of Manuals:** All CAI test manuals, including the Test Coordinator Manual (TCM) and Test Administration Manuals (TAMs), will only be available digitally. Print manuals will not be shipped or available for order. Schools may print TAMs or portions of TAMs for test administration, or access them digitally when administering tests using the TA's device.

Systems Readiness Test (SRT)

A Systems Readiness Test (SRT) is a simulation of testing conditions that provides corporations and schools the opportunity to confirm online testing readiness, such as device setup and network capacity, prior to operational testing. SRT test forms will be available beginning September 14, 2020, and accessible throughout the school year. IDOE strongly recommends that all corporations and schools conduct an SRT prior to administering CAI assessments. In certain circumstances, an SRT is required. Additional information and directions are available in the Systems Readiness Test Guide, which will be posted in the Indiana Assessment Portal under Technology Resources.

Technology Resources and Support:

Additional information, training modules, and resources, including a link to the Released Items Repository, can be accessed in the Indiana Assessment Portal at <https://indiana.portal.cambiumast.com/>.

CAI Indiana Assessment Help Desk (7 a.m. to 7 p.m. ET):

- Phone: 866-298-4256
- Email: airindianahelpdesk@cambiumassessment.com
- Chat: <https://indiana.portal.cambiumast.com/chat.stml>