

# New Hampshire Digital SAT with Essay

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# Session Goals

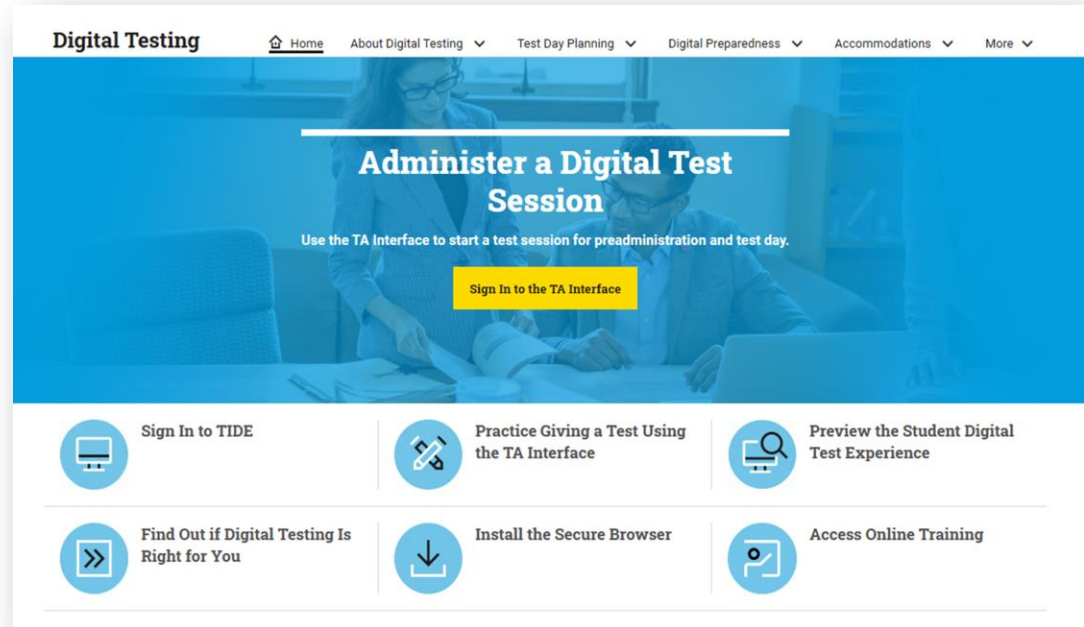
- 
- Our goal is to review the features needed for a successful digital SAT with Essay administration.
  - We will review the Cambium Assessment, Inc (CAI) - formerly AIR - test delivery system and supporting tools.

# Digital Testing Overview

# Digital Testing Portal

[digitaltesting.collegeboard.org](https://digitaltesting.collegeboard.org)

Refer to the College Board Digital Testing Portal for information regarding sign-in links, how to download the secure browser, technical requirements, and other helpful resources.



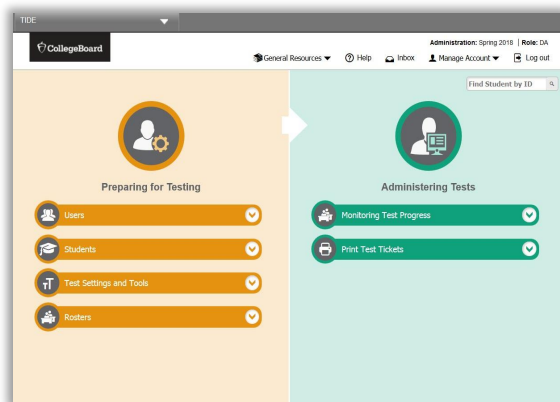
# CAI's Test Delivery Systems and Tools Overview

# CAI Systems

## Test Delivery System Overview

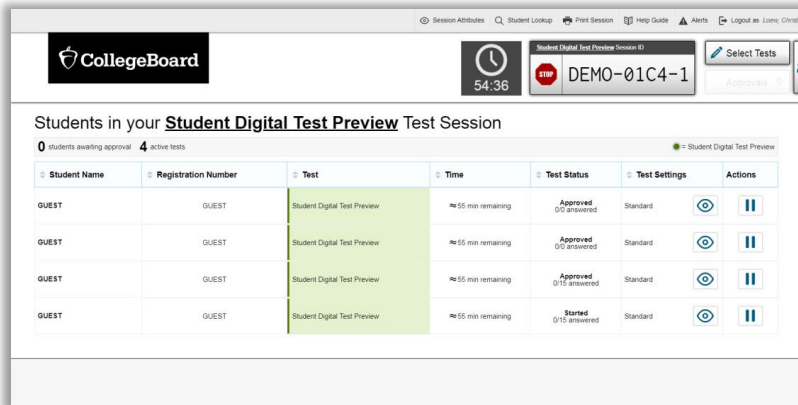
College Board delivers the digital using the Cambium Assessment, Inc. (CAI) test delivery system and supporting tools.

### Test Information Distribution Engine (TIDE)



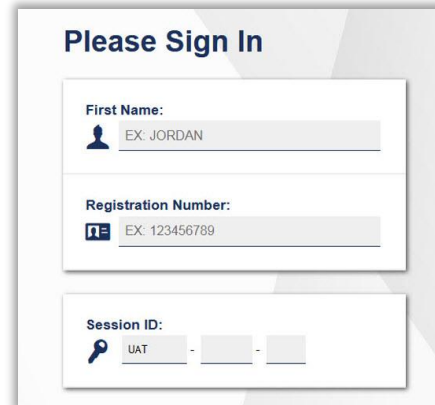
Test Coordinator

### Test Administrator (TA) Interface



Proctor

### Secure Browser



Student

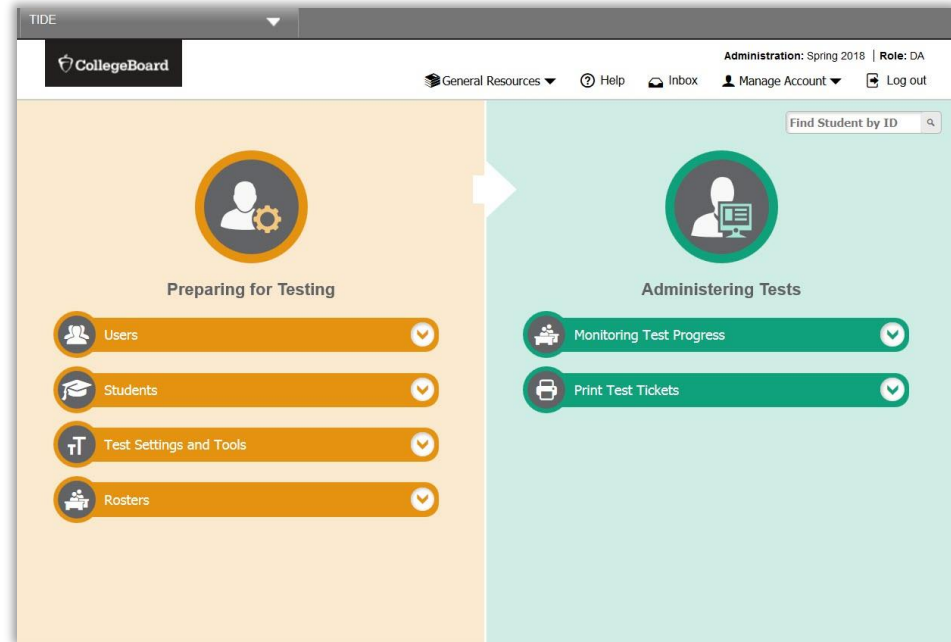
# CAI Systems

**Test coordinators** use TIDE to manage data and configure the digital SAT ahead of test day.

## Test Information Distribution Engine (TIDE)

Test coordinator functions in TIDE:

- Managing student and staff data
- Managing rosters
- Monitoring digital test sessions
- Modifying test settings for students with accommodations
- Printing student test tickets



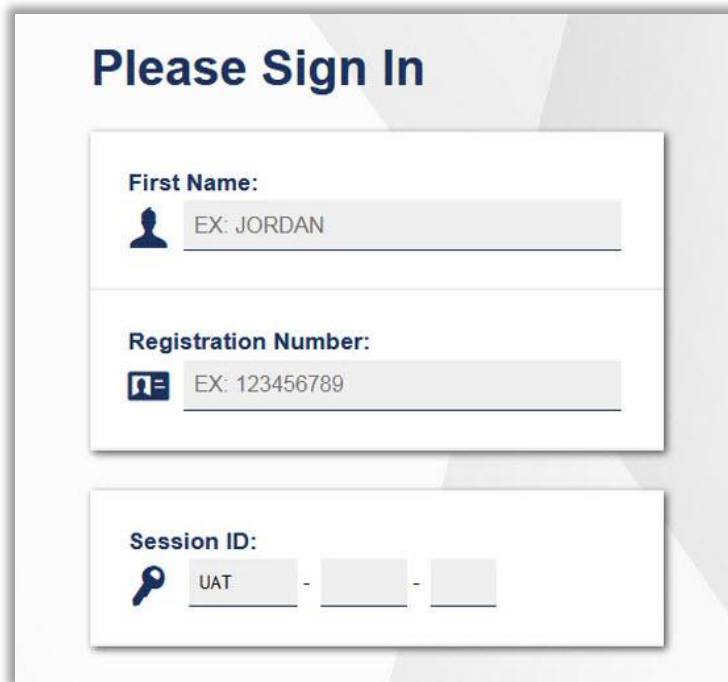
- [TIDE Demo](#)

# CAI Systems

## Secure Browser


The secure browser secures the desktop by restricting access to prohibited applications and collects student responses.


**Students** use the secure browser to access and take the test. Schools are required to download and install the secure browser on all student test-taking devices.




The image shows a 'Please Sign In' form with three input fields. The first field is for 'First Name' with an example 'JORDAN'. The second field is for 'Registration Number' with an example '123456789'. The third field is for 'Session ID' with an example 'UAT' followed by two empty boxes separated by hyphens.

**Please Sign In**

**First Name:**  
 EX: JORDAN

**Registration Number:**  
 EX: 123456789

**Session ID:**  
 UAT - -



# CAI Systems

## Information for Schools Already Using CAI



CB Secure Browser icon



SecureTestBrowser icon

*Note: College Board is still testing macOS 11 Big Sur for use with digital tests in the SAT Suite. Restrict testing to versions of macOS 10.11–10.15.*

Schools must download the College Board's CAI secure browser

- Depending on the operating system on student devices, you will install one of the applications below:
  - The **CB Secure Browser** is for devices running on Windows or Mac OS. It does not replace the browser used for other New Hampshire assessments that use CAI and both must be installed on the same device.
  - **SecureTestBrowser** – formerly AIR SecureTest – is the application for Chromebooks and iPads.
    - You need to change the Organization and Assessment settings in the SecureTestBrowser before students can test on Chromebooks or iPads.

**Test coordinators and other staff will use different login information for College Board assessments and other state assessments that use CAI.**

- Testing staff will need to login using separate URLs from the NH CAI systems.
- Student data elements and permissions in TIDE may differ from your state instance.
- Students will be represented separately in each instance of CAI systems.

# Digital Readiness Activities

# Technical Readiness

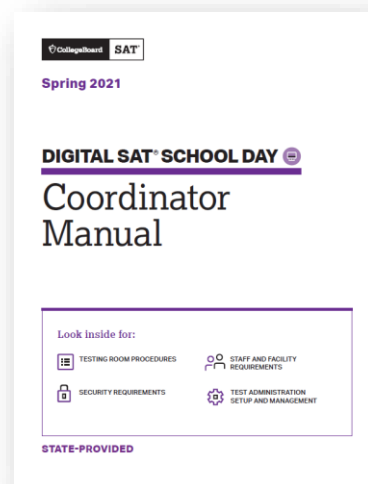
## Setup Overview

Get started by reviewing the technical requirements with your technology coordinator and following the Digital Preparedness [Step-by-Step Guide](#):

Part One: Technology and Setup Verification	Part Two: Test Readiness and Evaluation
<ul style="list-style-type: none"><li><input type="checkbox"/> Check for Supported Operating Systems</li><li><input type="checkbox"/> Check for Supported Web Browsers</li><li><input type="checkbox"/> Disable Automatic Updates to Operating System</li><li><input type="checkbox"/> Disable Applications that Interfere with Testing</li><li><input type="checkbox"/> Check Batteries or Power Source</li><li><input type="checkbox"/> Disable Pop-Up Blockers on Staff Computers</li><li><input type="checkbox"/> Enable JavaScript on Staff Computers</li><li><input type="checkbox"/> Check Content Filters, Firewalls, and Proxy Servers</li><li><input type="checkbox"/> Confirm Wireless Coverage</li><li><input type="checkbox"/> Allow Appropriate URLs</li></ul>	<ul style="list-style-type: none"><li><input type="checkbox"/> Install the Secure Browser</li><li><input type="checkbox"/> Run CAI's Network/Bandwidth Diagnostic Tool</li><li><input type="checkbox"/> Prepare for Delivery of Tests with Accommodations</li><li><input type="checkbox"/> Complete the Technical Readiness Evaluation:<ul style="list-style-type: none"><li><input type="checkbox"/> Test the Secure Browser</li></ul></li></ul>

# Creating User Accounts in TIDE

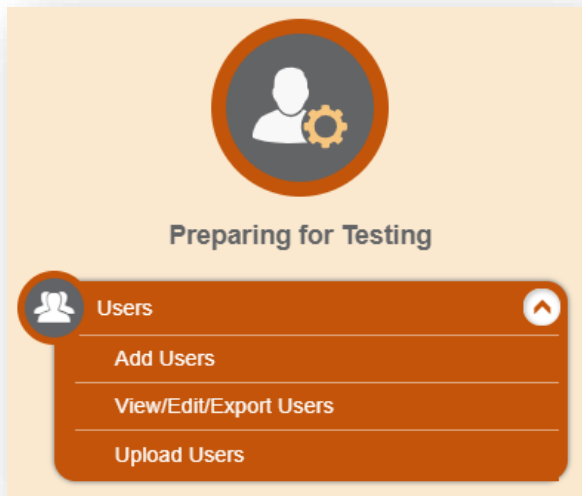
# Create User Accounts



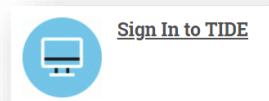
- For staff assisting the test coordinator, such as an assistant test coordinator or SSD coordinator, user accounts for College Board's TIDE will need to be created to manage student data in TIDE.
- For staff who will be acting as proctors, user accounts for College Board's TIDE will need to be created to be able to administer the assessment.
- These user accounts will use different login information than for other New Hampshire assessments using TIDE.
- The Coordinator Manual will have instructions on how to create user accounts.
  - Digital SAT School Day Coordinator Manual

# TIDE

## Creating User Accounts Demo



- Log into TIDE



- To create individual proctor accounts:
  - Navigate to **Users > Add Users**
- To view your list of proctors:
  - Navigate to **Users > View/Edit/Export Users**
- Create proctor accounts using the “User Template File”
  - Navigate to **Users > Upload Users**
    - Download the User Template

# Students with Accommodations

# Students with Accommodations

## Test Settings and Tools



*Work with students ahead of test day using the Student Digital Test Preview to confirm that the student's modified settings will meet their needs on test day.*

Some of the accessibility features are universal and available to all students, while other features require approval and set up by the test coordinator in TIDE before test day.

Universal Tools	Adjust student settings prior to test day
<ul style="list-style-type: none"><li>• Calculator (Math Test - Calculator section ONLY)</li><li>• Context Menu</li><li>• Expand Button</li><li>• Highlighter</li><li>• Line Focus</li><li>• Mark for Review</li><li>• Navigation Buttons</li><li>• Notes</li><li>• Questions Dropdown List</li><li>• Reference/Math Formula Sheet</li><li>• Strikethrough/Option Eliminator</li><li>• Student Clock</li><li>• Zoom In/Out</li></ul>	<ul style="list-style-type: none"><li>• Color Contrast</li><li>• English learner (EL) Supports</li><li>• Four-function Calculator (for Math Test - No Calculator section)</li><li>• Mouse Pointer</li><li>• Non-Embedded Accommodations</li><li>• Permissive Mode</li><li>• Streamline Mode</li><li>• Test Time and Breaks</li><li>• Text-to-Speech/Assistive Technology</li><li>• Zoom/Font Size</li></ul>



# Configuring Student Test Settings

# Managing Accommodation Settings

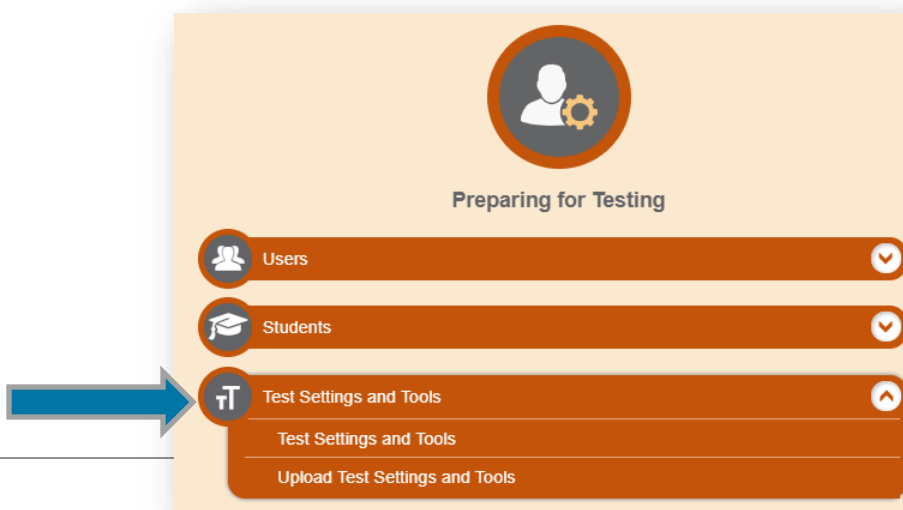
## TIDE

- Accommodations for digital testing must be configured in TIDE prior to test day.
- **The SSD Online and TIDE systems do not communicate with each other, therefore, it must be done locally prior to testing.**
- Confirm that accommodations have been entered in SSD Online and in the approved status prior to administering with accommodations.
- Two options for managing settings:
  - File Upload allows a user to modify test settings for multiple students at one time.
  - Settings modified within an individual student's record.
- More information about Managing Student Test Settings is available at: <https://digitaltesting.collegeboard.org/pdf/managing-student-digital-test-settings-guide.pdf>

# Setting Accommodations in TIDE

## Test Settings and Tools


- Test tools and accommodations must be turned on for each test section to which the accommodation applies.
- Student test settings must be updated ahead of test day.
- Modifications to student test settings can be managed in two ways:
  1. Manually modify individual student's settings by;
    - Navigating to **Test Settings and Tools**
  2. Uploading a file of several students and tests by;
    - Navigating to **Upload Test Setting and Tools**

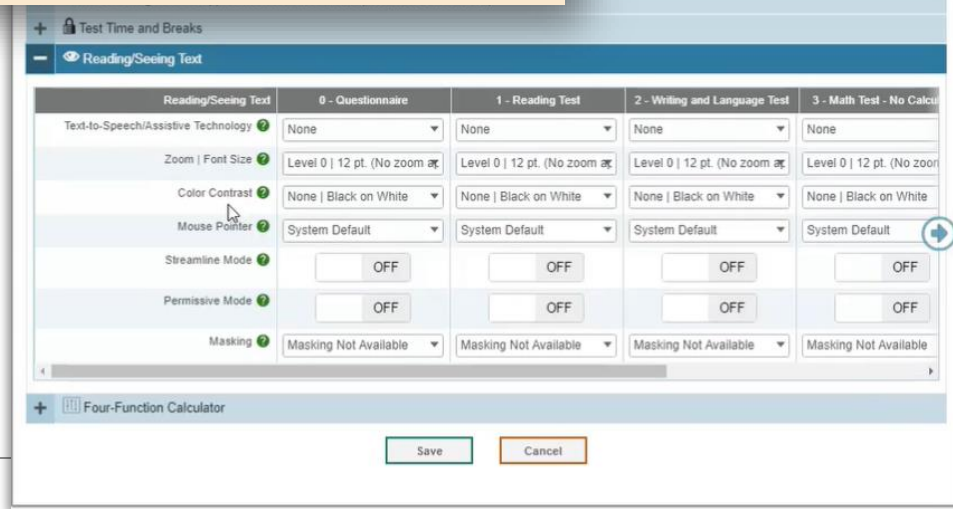


# Demo:

## Setting Accommodations

To edit student test settings in TIDE:

1. Navigate to **Test Setting and Tools**
2. Click **Search** to view entire list of students and look a specific student
3. Click the 'pencil' icon: 
4. Edit each test section as needed.
5. Click **SAVE**



Reading/Seeing Text	0 - Questionnaire	1 - Reading Test	2 - Writing and Language Test	3 - Math Test - No Calculators
Text-to-Speech/Assistive Technology	None	None	None	None
Zoom   Font Size	Level 0   12 pt. (No zoom)	Level 0   12 pt. (No zoom)	Level 0   12 pt. (No zoom)	Level 0   12 pt. (No zoom)
Color Contrast	None   Black on White	None   Black on White	None   Black on White	None   Black on White
Mouse Pointer	System Default	System Default	System Default	System Default
Streamline Mode	OFF	OFF	OFF	OFF
Permissive Mode	OFF	OFF	OFF	OFF
Masking	Masking Not Available	Masking Not Available	Masking Not Available	Masking Not Available

Four-Function Calculator

Save Cancel

**NOTE:** Click on the question marks to reveal tool tips

# How to Set Accommodations via Upload

To add student test settings using the Upload file:

1. Navigate to **Test Settings and Tools**> **Upload Test Setting and Tools**
2. Click **Download Templates**
3. Create a new row for each accommodation and the test section the accommodation applies to.
4. Include the student's registration number as it appears in TIDE, including any leading zeroes
5. Save the file.
6. Upload the file into TIDE.

The screenshot illustrates the process of uploading test settings in TIDE. On the left, the 'Preparing for Testing' sidebar shows the navigation path: Users, Students, and Test Settings and Tools. A blue arrow points to the 'Upload Test Settings and Tools' option. On the right, the 'Download Templates' button is highlighted with a red box. Below this, the 'Step 1: Upload File' section shows a 'Choose File' button and a 'Browse' button. At the bottom, a spreadsheet template is shown with columns for Registration Number, Test, Tool Name, and Value. A blue callout box points to the Registration Number column, stating: 'Include any leading zeros in the Registration Number'.

Registration Number	Test	Tool Name	Value
999004	1 - Reading Test	Test Time and Breaks	50% Extended Time
999004			

# English Learner Settings in TIDE

- English learners can be provided with time and one-half (+50%) for the digital SAT with Essay
  - Students need to be identified in TIDE ahead of test day
- EL - Time and one-half (+50%)**
  - EL students can use time and one-half (+50%) on each test section and can test in the same room(s) with other students with the same time accommodation.
  - Configure test settings in TIDE, by selecting **“YES” for EL Supports** and selecting the Time and One-Half (+50%) option for all applicable test sections.
  - Students will be automatically approved, and no documentation will be required.
  - Must be entered in SSD Online each year starting in January.

State or College Board Approved Accommodations (Click more info above)

Accommodations:

English Learner (EL) Supports: ☒ Yes ☐ No

Non-Embedded Accommodations: ☐ Yes ☒ No

Test Time and Breaks

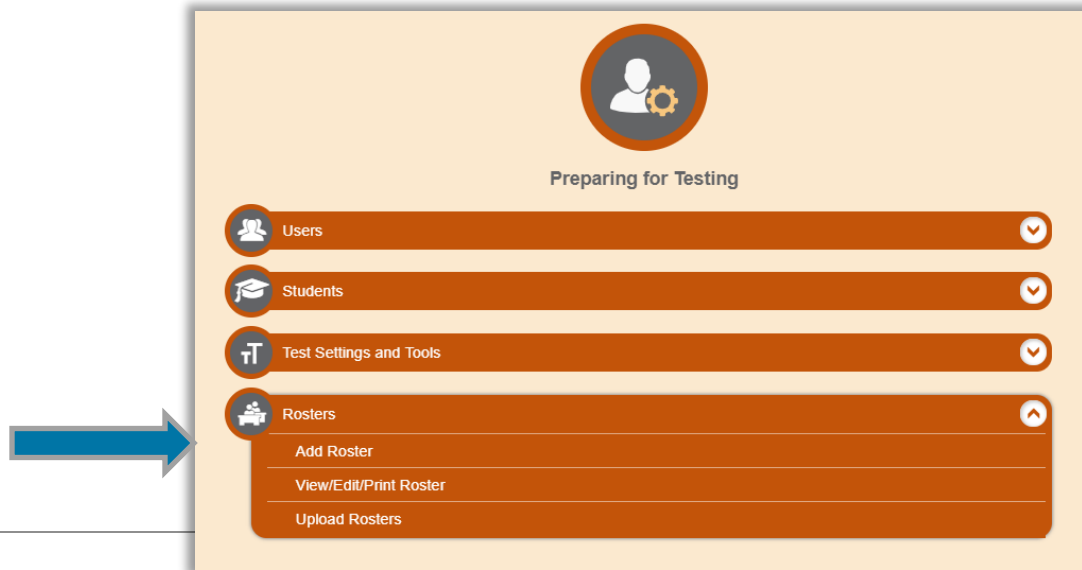
Test Time and Breaks	0 - Questionnaire	1 - Reading Test	2 - Writing and Language Test	3 - Math Test - No Calculator	4 - Math Test - Calculator	5 - SAT Essay
Test Time and Breaks		Time and One-Half (+50%)	Time and One-Half (+50%)	Time and One-Half (+50%)	Time and One-Half (+50%)	Standard Time

# Creating Rosters in TIDE

# TIDE

## Creating Rosters

- Rosters in TIDE are helpful to print Student Test Tickets by room/proctor for easier organization
  - Roster creation is **not required** to administer the digital SAT
  - To create rosters ahead of test day;
  - Navigate to **Rosters > Add Rosters**
- To view lists of existing Rosters;
  - Navigate to **Rosters > View/Edit/Export Rosters**





# Demo: Creating Rosters

To create a Roster in TIDE:

1. Navigate to **Rosters > Add Roster**
2. Click **Search** to view the list your students at your school
3. Under “Add Students to the Roster”, type unique **Roster Name**
4. Select a **Proctor** to assign to the roster. This list is dependent on User Account creation.
5. **Add** available Students to the roster
6. Click **SAVE**

TIDE

CollegeBoard

Administration: 2019-2020 | User: Julius, Alva (DA)

Help Inbox Manage Account Log Out

Preparing for Testing Administering Tests

Users Students Test Settings and Tools Rosters

\*Roster Name:

\*Proctor:

Select students from the "Available Students" list below to add to the roster.

Available Students (90)			
	Student Name	Grade	Registration Number
<input type="checkbox"/>	+	Demo.Student	06 7777770470
<input type="checkbox"/>	+	Demo.Student	06 7777770471
<input type="checkbox"/>	+	namechange.cbstud...	06 8889008901
<input type="checkbox"/>	+	qw.qw	06 888456464
<input type="checkbox"/>	+	cbstudent1.cbstudent1	07 8889008902
<input type="checkbox"/>	+	Demo.Student	07 7777770472
<input type="checkbox"/>	+	Demo.Student	07 7777770473
<input type="checkbox"/>	+	we.we	07 888456457
<input type="checkbox"/>	+	Demo.Student	08 7777770474
<input type="checkbox"/>	+	Demo.Student	08 7777770475

Add All Add Selected

Selected Students (0)		
Remove Student Name	Grade	Registration Number

Remove All Remove Selected

Save Cancel

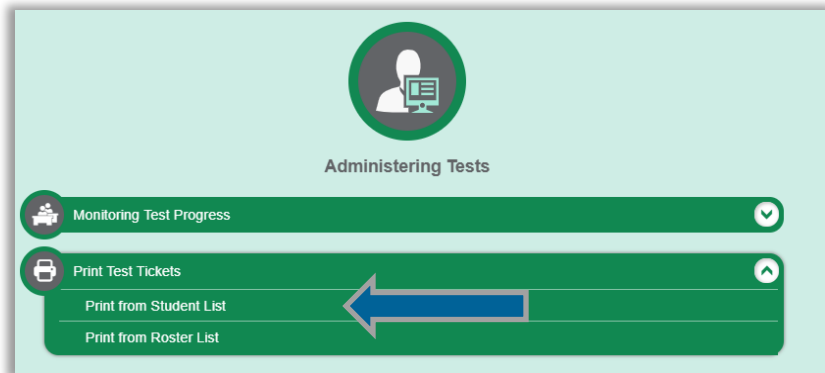
**Recommendation:** Roster names should indicate the proctors' name and room location.

# Printing Test Tickets

# Printing Test Tickets

- All students must have a test ticket.
- Once student test settings are configured in TIDE, the test coordinator can begin printing student test tickets. Be sure to print the test tickets ahead of test day, or preadministration.
- To sign into the secure browser, students must enter their first name and registration number exactly as it appears on the ticket.
- Students will also need the ticket to access the optional questionnaire during the preadministration session and for testing in the secure browser on test day.

**NOTE:** If a preadministration sessions is scheduled ahead of test day, the same test ticket can be used.

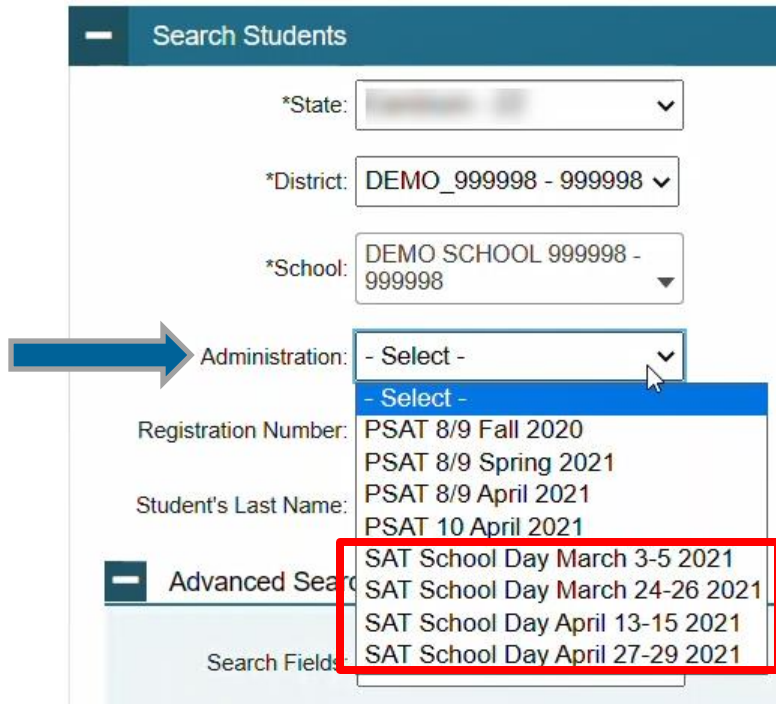


# Printing Test Tickets

In TIDE, the *Administration* filter will help you manage student records and print the correct test tickets for the selected test administration.

To print test tickets:

1. Navigate to **Students>View/Edit/Export Students**
2. The Administration filter will help you manage student records. Choose the correct testing window:
  - **SAT School Day March 3-5, 2021**
  - **SAT School Day March 24-26, 2021**
  - **SAT School Day April 13-15 2021**
  - **SAT School Day April 27-29, 2021**
3. Click **Search**.
4. Click **View Results**.
5. You can verify student test settings and begin printing student test tickets



**Search Students**

\*State: [dropdown]

\*District: DEMO\_999998 - 999998 [dropdown]

\*School: DEMO SCHOOL 999998 - 999998 [dropdown]

Administration: - Select - [dropdown]

Registration Number: PSAT 8/9 Fall 2020  
PSAT 8/9 Spring 2021  
PSAT 8/9 April 2021  
PSAT 10 April 2021

Student's Last Name:

**SAT School Day March 3-5 2021**  
**SAT School Day March 24-26 2021**  
**SAT School Day April 13-15 2021**  
**SAT School Day April 27-29 2021**

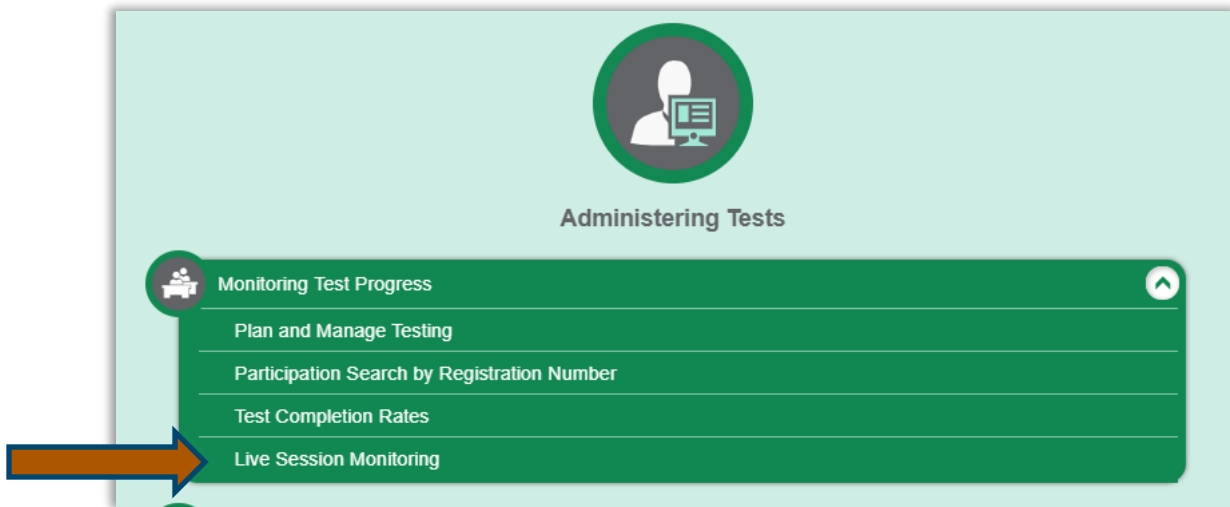
**Advanced Search**

Search Fields

# TIDE Resources

# Live Session Monitoring

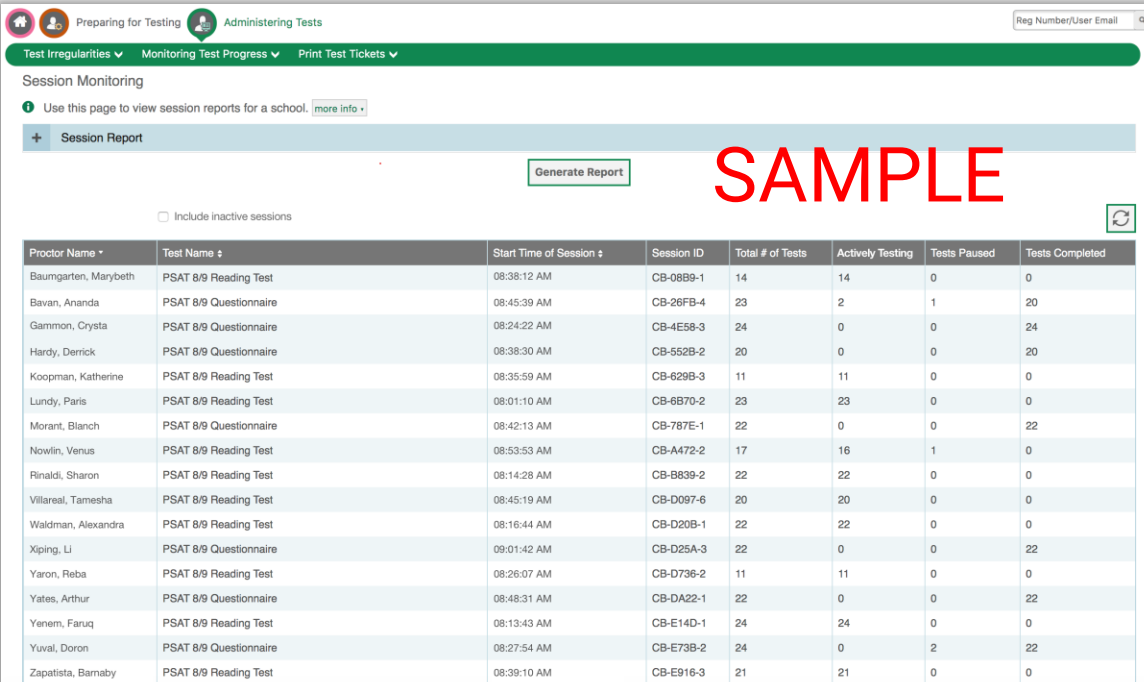
- Live Session Monitoring is a new feature in TIDE that provides test coordinators insight into the status of all live test sessions, occurring in their school, on one screen.
- The coordinator can use this tool to see that test sessions have begun, and that students are in progress without having to visit a test room.
- Handout available at:  
<https://digitaltesting.collegeboard.org/pdf/session-monitoring-digital-testing.pdf>



# Live Session Monitoring

Functions include:

- Run reports in TIDE to review individual room progress
- Identify rooms that may be running behind schedule



Preparing for Testing | Administering Tests

Reg Number/User Email

Test Irregularities | Monitoring Test Progress | Print Test Tickets

### Session Monitoring

Use this page to view session reports for a school. [more info](#)

+ Session Report

Generate Report

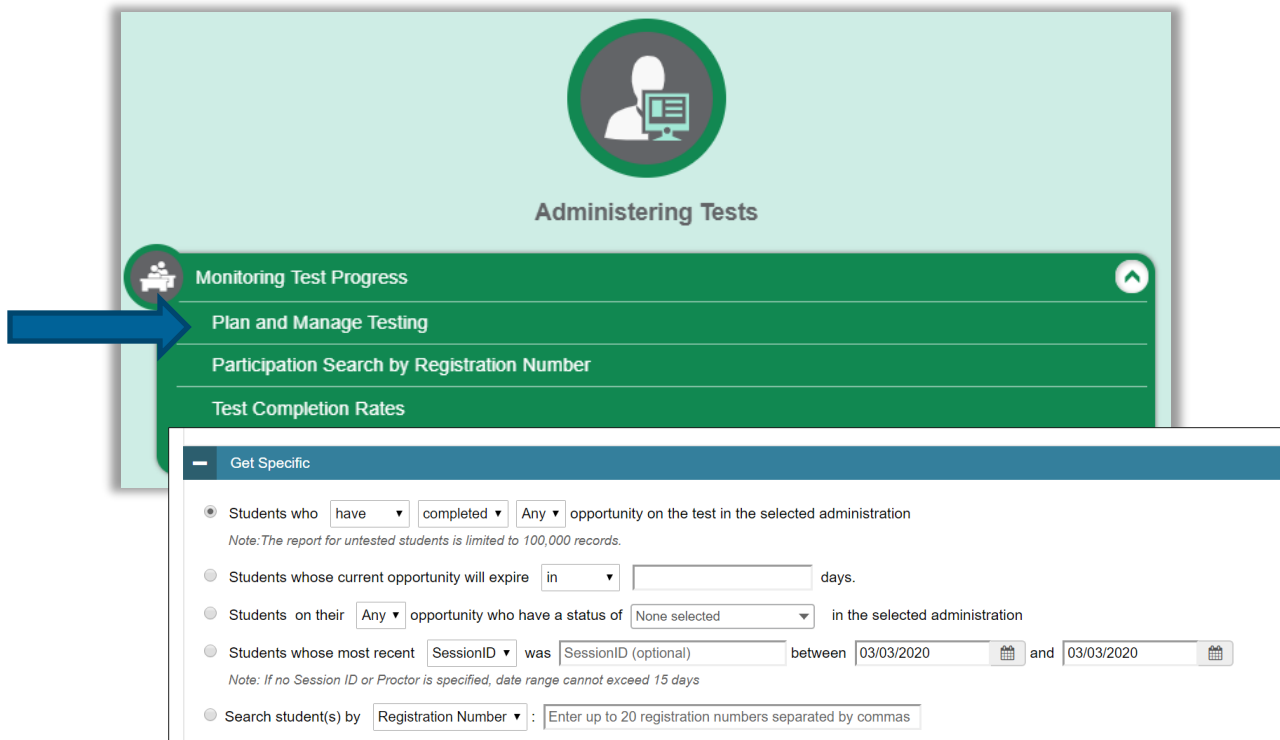
☐ Include inactive sessions

Proctor Name	Test Name	Start Time of Session	Session ID	Total # of Tests	Actively Testing	Tests Paused	Tests Completed
Baumgarten, Marybeth	PSAT 8/9 Reading Test	08:38:12 AM	CB-08B9-1	14	14	0	0
Bavan, Ananda	PSAT 8/9 Questionnaire	08:45:39 AM	CB-26FB-4	23	2	1	20
Gammon, Crysta	PSAT 8/9 Questionnaire	08:24:22 AM	CB-4E58-3	24	0	0	24
Hardy, Derrick	PSAT 8/9 Questionnaire	08:38:30 AM	CB-552B-2	20	0	0	20
Koopman, Katherine	PSAT 8/9 Reading Test	08:35:59 AM	CB-629B-3	11	11	0	0
Lundy, Paris	PSAT 8/9 Reading Test	08:01:10 AM	CB-6B70-2	23	23	0	0
Morant, Blanch	PSAT 8/9 Questionnaire	08:42:13 AM	CB-787E-1	22	0	0	22
Nowlin, Venus	PSAT 8/9 Reading Test	08:53:53 AM	CB-A472-2	17	16	1	0
Rinaldi, Sharon	PSAT 8/9 Reading Test	08:14:28 AM	CB-B839-2	22	22	0	0
Villareal, Tamesha	PSAT 8/9 Reading Test	08:45:19 AM	CB-D097-6	20	20	0	0
Waldman, Alexandra	PSAT 8/9 Reading Test	08:16:44 AM	CB-D20B-1	22	22	0	0
Xiping, Li	PSAT 8/9 Questionnaire	09:01:42 AM	CB-D25A-3	22	0	0	22
Yaron, Reba	PSAT 8/9 Reading Test	08:26:07 AM	CB-D736-2	11	11	0	0
Yates, Arthur	PSAT 8/9 Questionnaire	08:48:31 AM	CB-DA22-1	22	0	0	22
Yenem, Faruq	PSAT 8/9 Reading Test	08:13:43 AM	CB-E14D-1	24	24	0	0
Yuval, Doron	PSAT 8/9 Questionnaire	08:27:54 AM	CB-E73B-2	24	0	2	22
Zapatista, Barnaby	PSAT 8/9 Reading Test	08:39:10 AM	CB-E916-3	21	21	0	0

# TIDE Reports

## Plan and Manage Testing Reports

- Coordinators can run reports about student test status, test completion, etc.
- **NOTE:** These reports are not in real-time. Coordinators should allow an overnight refresh of student-specific information about testing.



The screenshot shows the 'Administering Tests' section of the TIDE interface. A sidebar menu on the left contains the following options: 'Monitoring Test Progress', 'Plan and Manage Testing' (highlighted with a blue arrow), 'Participation Search by Registration Number', and 'Test Completion Rates'. The main content area displays the 'Get Specific' search form.

**Get Specific**

- ☒ Students who have  completed  Any  opportunity on the test in the selected administration  
*Note: The report for untested students is limited to 100,000 records.*
- ☐ Students whose current opportunity will expire in  days.
- ☐ Students on their  opportunity who have a status of  in the selected administration
- ☐ Students whose most recent  SessionID  was  SessionID (optional) between  03/03/2020  and  03/03/2020   
*Note: If no Session ID or Proctor is specified, date range cannot exceed 15 days*
- ☐ Search student(s) by  Registration Number  :  Enter up to 20 registration numbers separated by commas



# Prepare for Testing in Multiple Windows

# SAT with Essay Makeup Tasks

As test coordinator, you are responsible for the following tasks when preparing to administer a digital makeup test:

- Compiling a list of students who were absent, or experienced an irregularity, and are eligible for a makeup test.
- Students who had an irregularity during testing may be eligible for makeup.
  - Refer to the Irregularity Chart provided in the manual for details.
- NH DOE will register ALL students for the available testing windows by uploading a full list of student data.
  - Only test students who were absent or experienced an irregularity and are eligible for testing.
- Destroy all test tickets from the primary testing window and print **NEW** test tickets for the makeup testing window.
- You must update student test settings for students with accommodations for each testing window
- Create updated room rosters

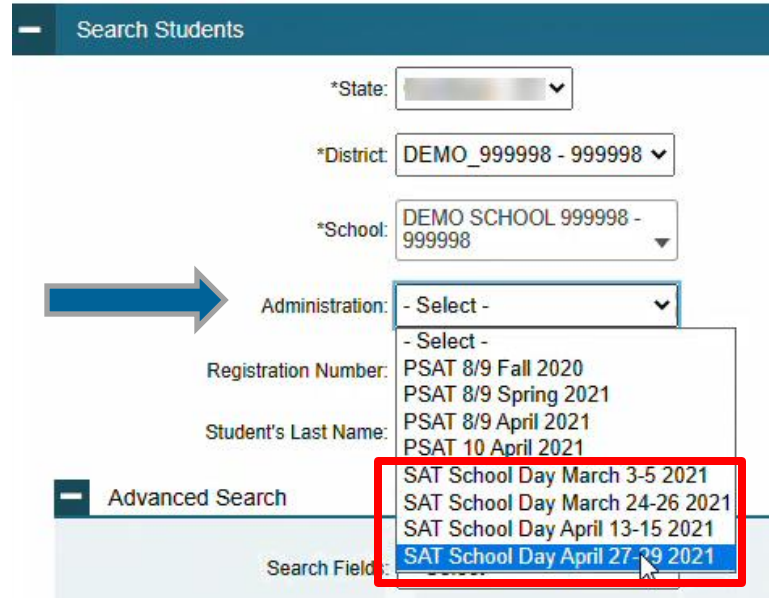
**NOTE:** You will not be receiving an additional shipment of materials for the makeup date. Enough materials were included in the initial shipment.

# Makeup Testing for the SAT with Essay

In TIDE, the *Administration* filter will help you manage student records and print the correct test tickets for the selected test administration.

To print NEW test tickets for the make-up

1. Navigate to **Students>View/Edit/Export Students**
2. The Administration filter will help you manage students record.
3. Click **Search**. Select the applicable testing window.
4. Click **View Results**.
5. You can begin updating student test settings and printing make-up test tickets



Search Students

\*State:

\*District: DEMO\_999998 - 999998

\*School: DEMO SCHOOL 999998 - 999998

Administration: - Select -

Registration Number: PSAT 8/9 Fall 2020  
PSAT 8/9 Spring 2021  
PSAT 8/9 April 2021  
PSAT 10 April 2021  
SAT School Day March 3-5 2021  
SAT School Day March 24-26 2021  
SAT School Day April 13-15 2021  
SAT School Day April 27-29 2021

Student's Last Name:

Advanced Search

Search Field:

# Using Multiple Windows

The screenshot shows the 'Administering Tests' section of the CollegeBoard interface. The 'Administration' dropdown menu is open, displaying a list of testing windows. The windows listed are: PSAT 8/9 Fall 2020, PSAT 8/9 Spring 2021, PSAT 8/9 April 2021, PSAT 8/9 April 2021 (highlighted in red), SAT School Day March 3-5 2021, SAT School Day March 24-26 2021, SAT School Day April 13-15 2021, and SAT School Day April 27-29 2021. The 'Advanced Search' section is also visible below the dropdown menu.

- All public-school students will be registered for the testing windows beginning on March 3, March 24, April 13, and April 27 by NH DOE.
  - Students will likely see they are registered for each date in their College Board account.
  - This also means that you'll see EVERY student registered for each window, but that doesn't mean they can test again.
- You can use any of these testing windows, as needed.
- **IMPORTANT:**
  - Test tickets must be printed and used for the window in which a student tests.
  - The preadministration session (including identifying score sends) must be completed in the window in which a student tests.
  - Student test settings must be set for the window in which a student tests.
  - This can be managed by using the "Administration" dropdown to correctly select the right window you are working with.

# TA Interface Practice Site Demo

# CAI Systems

## Test Administrator (TA) Interface

Proctor functions in the TA Interface:

- Conducting proadministration sessions
- Cresting test sessions
- Approving students into the test sessions
- Monitoring and managing test timing\*
- Monitoring student test status
- Identifying students who may need assistance

Proctors use the TA Interface to administer the digital SAT.

The screenshot displays the CollegeBoard Test Administrator (TA) Interface. At the top, there is a navigation bar with links for Session Attributes, Student Lookup, Print Session, Help Guide, Alerts, and Logout as Loeve, Christine. The CollegeBoard logo is on the left, and a clock showing 54:36 is on the right. A session ID box displays "Student Digital Test Preview Session ID" and "DEMO-01C4-1". A "Select Tests" button is also visible.

Below the navigation bar, the main section is titled "Students in your **Student Digital Test Preview** Test Session". It shows "0 students awaiting approval" and "4 active tests". A legend indicates that a green dot represents "Student Digital Test Preview".

Student Name	Registration Number	Test	Time	Test Status	Test Settings	Actions
GUEST	GUEST	Student Digital Test Preview	≈ 55 min remaining	Approved 0/0 answered	Standard	
GUEST	GUEST	Student Digital Test Preview	≈ 55 min remaining	Approved 0/0 answered	Standard	
GUEST	GUEST	Student Digital Test Preview	≈ 55 min remaining	Approved 0/0 answered	Standard	
GUEST	GUEST	Student Digital Test Preview	≈ 55 min remaining	Started 0/15 answered	Standard	

\*College Board's versions of the TA Interface and secure browser have timing functionality built in to ensure that all students receive their fully allotted testing time.

# TA Interface Practice Site

## Digital Test Preview Test Selection

Choose which tests to add to your session from the tree, and then start your session.

☒ Student Digital Test Preview



 Start Digital Test Preview Session

Close

# Student Digital Test Preview

## Student Preparation

- **Navigation Buttons:** move between questions.
- **Student Clock:** displays time remaining in test section.
- **Test Tools:** appear in the menu at the top of the test page.
- **Context Menu Tools:** available from the context menu for each question.

Students (and test day staff) should review the Student Digital Test Preview (<https://cbpt.tds.cambiumast.com/student>) to become familiar with the digital test delivery system and its available features.

The screenshot displays the Student Digital Test Preview interface. At the top, the header shows 'Questions' (0 out of 15), 'Student Digital Test Preview (0 out of 15)', 'GUEST, GUEST (Registration Number: GUEST)', and 'DEMO-EA2B-1'. A 'Student Clock' shows 52:34. Below the header, there are 'Navigation Buttons' (Back, Next, Save) and 'Test Tools' (XY, Reference, Calculator, Notes, Line Focus, Zoom Out, Zoom In). The main content area shows a question number '10' and the text 'GUEST, GUEST'. The question asks: 'A system of three equations and their graphs in the xy-plane are shown. How many solutions does the system have?'. The equations are  $x^2 + y^2 = 5$ ,  $y = x^2 - 3$ , and  $x - y = 1$ . The graph shows a circle centered at the origin with radius  $\sqrt{5}$ , a parabola opening upwards with vertex at (0, -3), and a line with a positive slope. The intersection points are at (-1, 1), (1, 1), and (0, -3). A 'Context Menu' is open on the right, showing options: 'Mark for Review', 'Directions', 'Highlight Selection', and 'Strikethrough'.

10  
GUEST, GUEST

$x^2 + y^2 = 5$   
 $y = x^2 - 3$   
 $x - y = 1$

A system of three equations and their graphs in the xy-plane are shown. How many solutions does the system have?

(A) One  
(B) Two  
(C) Three  
(D) Four



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# Thank you!

For questions about student eligibility or accountability

- Contact Melissa White at NH DOE  
Melissa.A.White@doe.nh.gov

For digital testing questions

- Contact College Board School Day support

**Hours: Monday – Friday 8:30am – 6pm ET**

**Phone: (855) 373-6387**

**Email: [schooldayassessments@collegeboard.org](mailto:schooldayassessments@collegeboard.org)**

# Appendix

# Implementation Overview

# Implementation Overview

## Digital SAT with Essay

**The Accommodated Testing Window** is for students with accommodations that require:

- testing time beyond a standard school day
- separate setting or test format
- Students designated to test during the Accommodated Testing Window will be listed on the Nonstandard Administration Report (NAR).

- The NH Department of Education is providing the digital SAT with Essay to its students in spring 2021. The Essay is required for all students taking the SAT.
- All schools testing digitally must schedule all students (except those designated to test in the accommodated testing window) between the preferred testing window.
  - It is expected that all students will test digitally. Only students who have an accommodation requiring a paper-pencil test can test on paper.
  - Schools have the option to administer the test to all students on a single day within that window or may spread students out across multiple days of the window. All students taking the test on the same day must test at the same time.
  - Each student **must complete all sections of the test in one day** unless the student has been approved for accommodations that extend testing time beyond a day.

Digital SAT Admin	March	March	April	April
Testing Windows	March 3 - 5	March 24-26	April 13-15	April 27 - 29
Accommodated Testing Window	March 3 - 16	March 24 - April 6	April 13-26	April 27 - 29

# Coordinator Checklist

## 2021 New Hampshire Digital SAT® School Day Coordinator Checklist

Use this checklist to make sure you've accomplished all the tasks required to prepare for this spring's testing. You may choose to do things at different times; be aware of deadlines.

### September - January - Suggested Readiness Activities for SAT School Day

Complete	Activity
<b>General Readiness Activities</b>	
	Schools complete survey to identify test day staff.
	Ensure new SSD coordinators get access to SSD Online by submitting the request form available at <a href="http://www.collegeboard.org/ssd">www.collegeboard.org/ssd</a>
	SSD coordinators should begin requesting new College Board accommodations and review existing accommodations in SSD Online.
	Create a College Board professional account, at <a href="http://www.collegeboard.org">www.collegeboard.org</a> if you don't have one.
	Submit an off-site testing plan if testing at a location other than your school. Due December 18, 2020.
<b>Digital Testing Activities</b>	
	Review the resources at <a href="http://digital-testing.portal">digital-testing.portal</a> with technology coordinator.

### February - Technology Setup and Readiness Activities for Technology Coordinators

Complete	Activity
<b>General Administrative Activities</b>	
	Share the <a href="#">Step-by-Step Guide for Technology Coordinators</a> to ensure your school is prepared to test.
	Check for supported operating systems
	Check for supported web browsers
	Disable automatic updates to operating systems
	Disable applications that interfere with testing
	Check batteries or power source
	Disable pop-up blockers on staff computers
	Enable JavaScript on staff computers
	Check content filters, firewalls, and proxy servers
	Confirm wireless coverage
	Allow appropriate URLs
	Install the secure browser
	Run the CAI network/bandwidth diagnostic tool
	Prepare for delivery of tests with accommodations
	Complete the technical readiness evaluation

### 3-6 Weeks Prior to Test Day - Suggested Readiness Activities

Complete	Activity
<b>General Administrative Activities</b>	
	Complete the online test coordinator training at <a href="http://www.collegeboard.org/sat">www.collegeboard.org/sat</a>
	Identify your students who are testing and create a Master Student List.
	Create room rosters by assigning students to testing rooms.
	Estimate how many standard and accommodated rooms you'll need based on the number of students testing. Identify which rooms in your facility can be used for testing.
	Designate a secure area for receiving, checking, and storing your test materials (test tickets, manuals, and forms).

**Reminder:** Refer to the Coordinator Checklist, which provides general timelines of when to complete activities. Available on [NH SAT web page](#).

Separated into sections:

- September - January
- February
- 3-6 Weeks Before Test Day
- 2 Weeks Before Test Day
- 1 Week Before Test Day
- On Test Day
- After Testing

NOTE: These are **suggested** timelines, but you can complete the tasks when it is right for your school. Just be aware of deadlines.

# Spring Flexibility Options

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# Spring Flexibility

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## Schools may stagger start times for assessments

- Schools can provide flexible starting times, without College Board approval to do so.
- All groups must begin testing before the first group finishes to maintain test security.
- Even though cell phone collection is typically at the school's discretion, cell phone collection is **required** for the duration of the school day for all students testing, or at least until after the last group has started testing, if staggering start times.
- Testing must start early enough to finish before school ends.

## Extended breaks

- Local health and safety guidelines may require that only a limited number of students may access the restroom or hallways at a time.
- In such cases, you may elect to double the time of scheduled breaks (including accommodated breaks) to ensure that students can access the restroom or hallway in an orderly fashion.
- Hall monitors should help ensure that students do not share any test content if they leave the room and that students reenter their assigned testing rooms in a safe way.
- If extended breaks are provided, they must be provided to all students.

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# Spring Flexibility

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## **PPE (personal protection equipment) will be allowed during testing**

- PPE includes items such as the use of masks, gloves, and hand sanitizer during testing.
- The use of PPE should follow local guidance.
- Test coordinators or proctors must check student's PPE prior to testing to ensure that nothing has been written on the PPE or prohibited materials have been hidden within the PPE.

## **Spacing of students should follow local guidelines**

- Follow local guidance on the spacing of your students.



# Technical Readiness

## Test Devices: Requirements and Specifications

### Devices for Proctors and Students

- All devices must meet the system requirements and technical specifications laid out in the Step-by-Step Guide.
- Schools must have the ability to install a secure browser client application on all test-taking devices.
- Desktops, laptops, iPads\* and/or Chromebooks are allowed.
- Devices **must** connect to the Internet (wired or wireless).
- Devices **must** be school-owned.
- Devices **must** maintain a charge for **at least 5 hours** or have access to a reliable power source.
- Each testing room must have a dedicated device the proctor will use to access the TA Interface.
- Students testing with an approved assistive technology device should pre-test the device in the secure browser using Student Digital Test Preview mode, prior to test day, in order to ensure operational functionality.



*Don't upgrade to new operating systems on computers that will be used for digital testing without making sure updates meet required specifications.*

***\*NOTE: Apple iPads with a 9.7" display are allowed; Apple iPads must be 4th Generation or higher, and iPad Minis can't be used.***

***External keyboards are required when testing the digital SAT with Essay on iPads. Wireless or Bluetooth keyboards are not supported.***

# Technical Readiness

## Test Devices: Guidance for Determining Bandwidth

Your network should have enough bandwidth to support digital testing at the required performance level.

College Board provides [a network diagnostic tool](#) to make sure your school has the bandwidth to support the number of students expected to test at the same time. Access the network diagnostic tool through the Digital Test Preview link located on the digital testing portal.

# of Students	Average Estimated Bandwidth Consumed During Startup	Average Estimated Bandwidth Consumed During Testing
1	8K bits/second	5–15K bits/second
50	400K bits/second	250–750K bits/second (0.25–0.75M bits/second)
100	800K bits/second	500–1500K bits/second (0.5–1.5M bits/second)

Testing Device	Ratio of Devices to 802.11g WAP	Ratio of Devices to 802.11n WAP
802.11g	20	40
802.11n	20	40
Mix of 802.11g and 802.11n	20	40–50 (depending on the mix of wireless cards used)



*Run the network diagnostic tool ahead of test day in different rooms to ensure bandwidth requirements can be met.*

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# Students with Accommodations

## Nonstandard Testing Rooms

Students who require different timing or breaks must be tested in separate rooms. Follow these policies for assigning rooms:

- Students taking the test with extended time, extra or extended breaks, or other accommodations should be assigned a room and a proctor separate from those used for standard administration.
- Seat students testing with the same type of timing and breaks together – this may require multiple digital testing rooms
- Provide appropriately configured test-taking devices and resources to support students' accommodations
- Students testing in paper mode, due to an accommodation, must test in a separate room from digital test takers.

Test coordinators should be discreet when assigning nonstandard testing rooms to avoid subjecting students to unnecessary attention.

Proctors managing rooms for students testing with accommodations must follow the accommodated scripts based on the type of accommodation a student needs (e.g., extended time).

# Create a Master Student List

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# Build Your Lists

## Tasks for the Coordinator

- The entire cohort of students that will be testing can be documented in the Master Student List.
  - The Master Student List can then be separated into individual room rosters so that proctors know which students are expected to test in their room.
- Coordinators can identify who NH DOE has submitted in the registration files in TIDE.
- Coordinators will work with the SSD coordinator to understand how many students will be testing with accommodations.
  - The Nonstandard Administration Report (NAR), which is printed from SSD Online by the SSD Coordinator, will be the list of all students testing with accommodations and is available approximately 4 weeks prior to test day.

# Plan for Preadministration Session

# Preadministration Session

During a preadministration session, students are asked to provide some basic information about themselves and their interests using the secure browser.

We strongly recommend conducting a preadministration session **before test day**.

Everyone benefits:

- Students learn how to use testing tools and platform
- Proctors can practice administering the test
- Test coordinators can confirm readiness



*If you are unable to schedule a preadministration session, students may complete the Questionnaire on test day.*

**Operational** Test Selection ✕

CollegeBoard PSAT 8/9

Choose which tests to add to your session from the tree, and then start your session.

<input checked="" type="checkbox"/> PSAT 8/9 Questionnaire <span>①</span>	<div>1 Tests Selected <span>🗑️ Clear All</span></div> <div>CollegeBoard PSAT 8/9</div> <div>✕ PSAT 8/9 Questionnaire</div>
<input type="checkbox"/> PSAT 8/9 Reading Test <span>①</span>	
<input type="checkbox"/> PSAT 8/9 Writing and Language Test <span>①</span>	
<input type="checkbox"/> PSAT 8/9 Math Test – No Calculator <span>①</span>	
<input type="checkbox"/> PSAT 8/9 Math Test – Calculator <span>①</span>	
<input type="checkbox"/> PSAT 8/9 Variable Section <span>①</span>	

⬅ Back ➡ Start Session

# Preadministration Session

It is recommended to conduct a preadministration prior to test day to give students the practice of using the secure browser and proctors the practice of using the TA Interface. It will also save time on test day and help to anticipate and manage any technical issues that may arise.

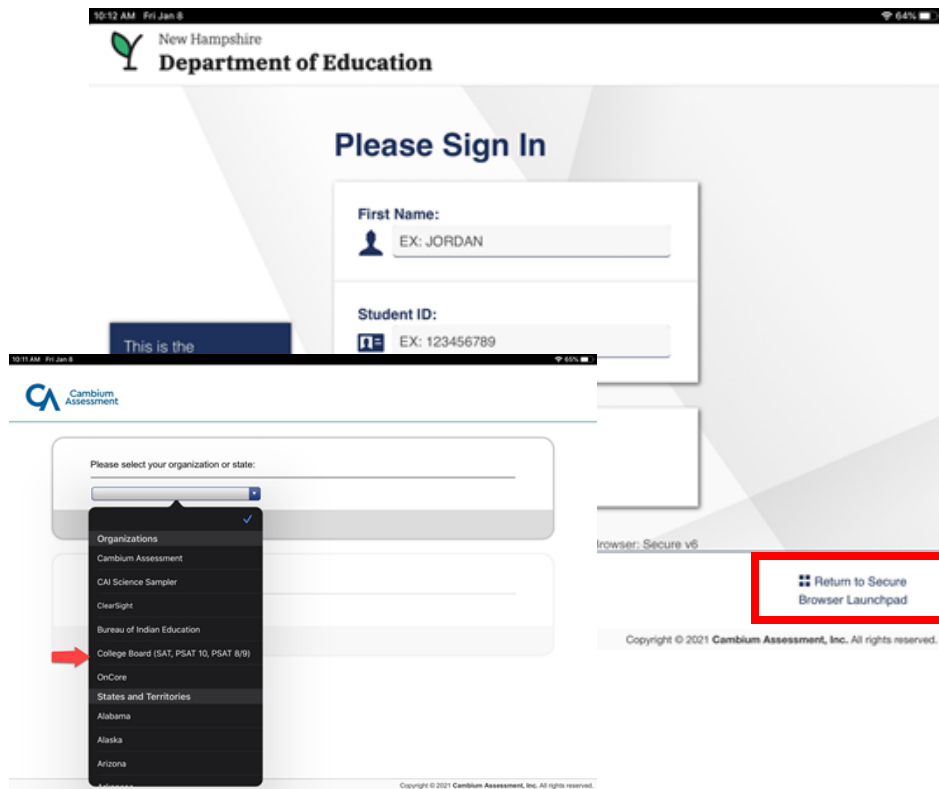
**Purpose:** To provide time prior to test day for students to complete the optional questionnaire, opt into Student Search Service®, and identify where to send scores.

- Schedule a preadministration time prior to test day.
- Print test tickets from TIDE for the preadministration session.
- Provide students with a copy of the *Digital SAT School Day Student Questionnaire Instructions*.
- Students will use copies of the *SAT School Day Student Guide for Digital Testing* during the session.
- Estimated time: 45 minutes



# CAI Systems

## Information for Schools Already Using CAI



Before starting the pre-administration session and the test:

- **Students using Windows or MacOS, or Linux:**
  1. Should close the browser window they're in and click the CB Secure Browser icon on their desktop.
- **Students using Chrome OS or iOS (iPads):**
  1. Click the four-square menu icon to "*Return to Secure Browser Launchpad*" in the bottom right corner of their screen.
  2. On the launchpad (appears when the SecureTestBrowser app is opened), under "*Please Select Your State/Organization*" select "*College Board*" from the drop-down list.
  3. From the drop-down list, the "*College Board (SAT, PSAT 10, and PSAT 8/9)*" should be selected.
  4. Click "*OK*". The student login page will load and the secure browser will be ready for students to use.