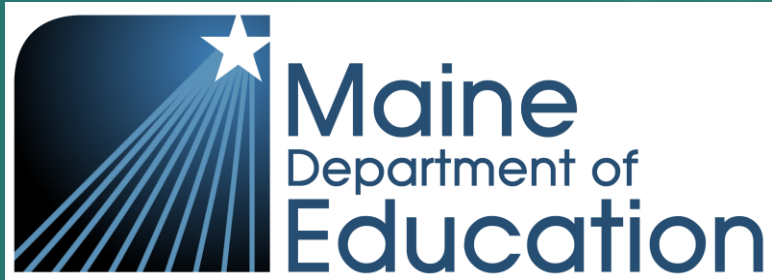




New Meridian
Science Exchange



Welcome to the Maine Science Live Q&A Session: Install Lockdown Browser

Sponsor: Krista Averill, Assessment Coordinator, Maine Department of Education (DOE)

Moderator: Elizabeth Mortimer, Program Manager, New Meridian

Presenters: Bob Wolff, Senior Product Management Analyst, MZD



March 28, 2024

Introductions and Opening Comments

Krista Averill, Maine DOE



Assessment Program Updates

Maine Science Assessment Updates

Proctor Training

- NEW [Spring 2024 Maine Science Assessment Proctor Training video](#) (9 minutes)
- Two [assessment security webisodes](#) and [MEA Assessment Security and Data Privacy Agreement \(Appendix E\)](#) – *only needs to be completed one time per academic year*

Paper-Based Order Form

- Standard and large print assessments – [order form](#)
- Braille – contact Krista Averill at Krista.Averill@maine.gov

New Released Items

- [Maine Science Assessment webpage](#), under “Content”

Supplemental Text-to-Speech (TTS) Guidance

- Guidance for assigning TTS to students *without* the accommodation on an IEP, 504 plan, or ILAP
- Contains academic vocabulary that may appear on the assessment

Session Overview

- What is the Lockdown Browser?
- Basic steps for download and installation
- Using the Lockdown Browser
- Alert messages and follow up actions
- Common Questions
- Support Resources
- Q&A



Lockdown Browser Resources

at the Maine Science Support Desk

Maine Science Support Desk is Full of Up-to-Date Information

Toll Free Number: 855-544-0842 *or*

Online Self-Service: <https://mescience.zendesk.com>

The screenshot shows the homepage of the Maine Science Support Desk. At the top left is the logo for the Maine Department of Education, featuring a star and the text "Maine Department of Education". In the center is a laptop displaying a search bar with the text "What are you looking for?". To the right of the laptop is the logo for ADAM (Assessment Delivery and Management), which includes a checkmark inside the letter 'A'. Below these elements are three main service boxes: "Video Tutorials & Webinars" (with a sub-description: "This section contains short task specific videos and recordings of Q&A Sessions."), "Resources - Document Downloads" (with a sub-description: "Click the article links in this section to access/download documents"), and "Request Help" (with a sub-description: "Click here to open a request form for questions, suggestions and issues."). A red box highlights the "Create a ticket" link above the "Request Help" box. Below these boxes is a "FAQ" section. At the bottom left, there is a "Promoted articles" section. At the bottom right, there is a "Call or Chat" button with a red border and a "Call us" button with a phone icon.

Lockdown Browser Resources

at the Maine
Science Support
Desk

Lockdown Browser Guide PDF Download or view online



Device, System, and Lockdown Browser Installation Guide

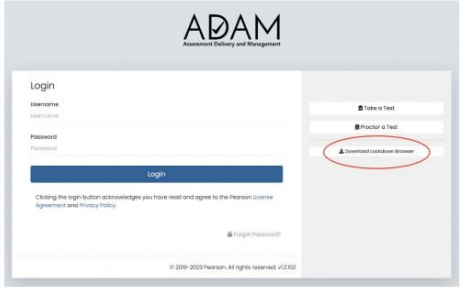

MAINE SCIENCE ASSESSMENT

SPRING 2024




- The newest version of the LDB application should be installed onto test taking devices by authorized personnel prior to the beginning of testing for each academic year.
- After the conclusion of testing for the academic year, the LDB application can be removed from student devices by authorized personnel.
- Access to the software code for the LDB by students or other non-authorized personnel is prohibited.
- Alterations of any kind to the software code for the LDB application is strictly prohibited.

Mac and Windows Installation Steps

1	Navigate to https://adamexam.com/
2	Select "Download Lockdown Browser." 
3	<ul style="list-style-type: none">• Select the "Mac Install (.dmg)" button if you are using a Mac.• Select the "Windows Install (MSI)" button if you are using a Windows computer. <p>Wait for the install package to download to the device.</p> 

Last updated: 2023.Nov.07 adamexam.com Page 6 of 8
Copyright © 2024 Maine Department of Education Device, System, and LDB Installation Guide v01
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4	Once the download is complete, open the install package and follow the installation instructions provided on the screen.
5	Once installation is complete, select the ADAM icon to launch the application. 

Chromebook Installation Steps

1	Sign in to your Google Admin console to open the Admin console Home page.
---	---

Lockdown Browser Resources

at the Maine Science Support Desk

Maine Science Support > FAQ

Search

Articles in this section

Update Accommodations for Multiple Students

How Do I Find a List of Students Who Completed or Did Not Complete an Assessment?

How Do I Reset a Student in the Proctor Dashboard?

Student Tutorial - Instructions and Test Codes

My Student is Not in ADAM, What Should I Do?

What Should I Do Once I Set Up My Account in ADAM?

How Do I Uninstall the Lockdown Browser?

"Test is Blocked" Message

Maine Math/ELA Questions

ADAM Lockdown Browser Installation Instructions

Katie Seal
1 year ago · Updated

Follow

Found in Device, System, and Lockdown Browser Installation Guide

Device Preparation

Lockdown Browser

The online administration of the Maine Science Assessment will be delivered by the Maine Department of Education (MDOE) using the ADAM Assessment Delivery and Management platform. Student devices must be set to Lockdown Mode prior to the start of each assessment session to prevent student access to outside websites, programs, apps, or hardware during the assessment session.

The ADAM Lockdown Browser must be

- downloaded from <https://adamexam.com>, and
- installed on each device that a student will use to take the assessment.

Instructions for installing the ADAM Lockdown Browser are detailed below.

Table of Contents

- Mac and Windows Installation Steps
- Chromebook Installation Steps
- iOS Installation Steps
- For Additional Information

Mac and Windows Installation Steps

Lockdown Browser Training Session Video

Lockdown Browser Instructions Online Article

Maine Science Support > Video Tutorials & Webinars

Search

Maine Science Support

Articles in this section

Q&A Session: Proctoring and Accessibility 2023 (58 minutes)

Q&A Session: Rostering and Accessibility 2023 (60 minutes)

Q&A Session: Install the Lockdown Browser 2023 (33 minutes)

Q&A 2023 Sessions

Alias Proctor Group Upload

Adding a Class and Enrolling All Students in the Grade (2 min 45 sec)

Q&A Session Recording - What's New about the Maine Science NGSS-based Assessment (1 hour)

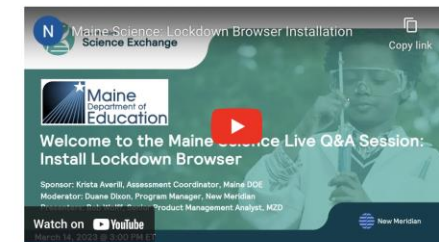
Q&A Session: Install the Lockdown Browser 2023 (33 minutes)

Duane Dixon
1 year ago · Updated

Follow

During the session on 3/23/2023, a number of questions were asked. This article is highlighting a few of the questions and their answers. The recording of the session is available through the link here,

Recorded March 23, 2023, from 3:00 - 3:33 p.m. ET



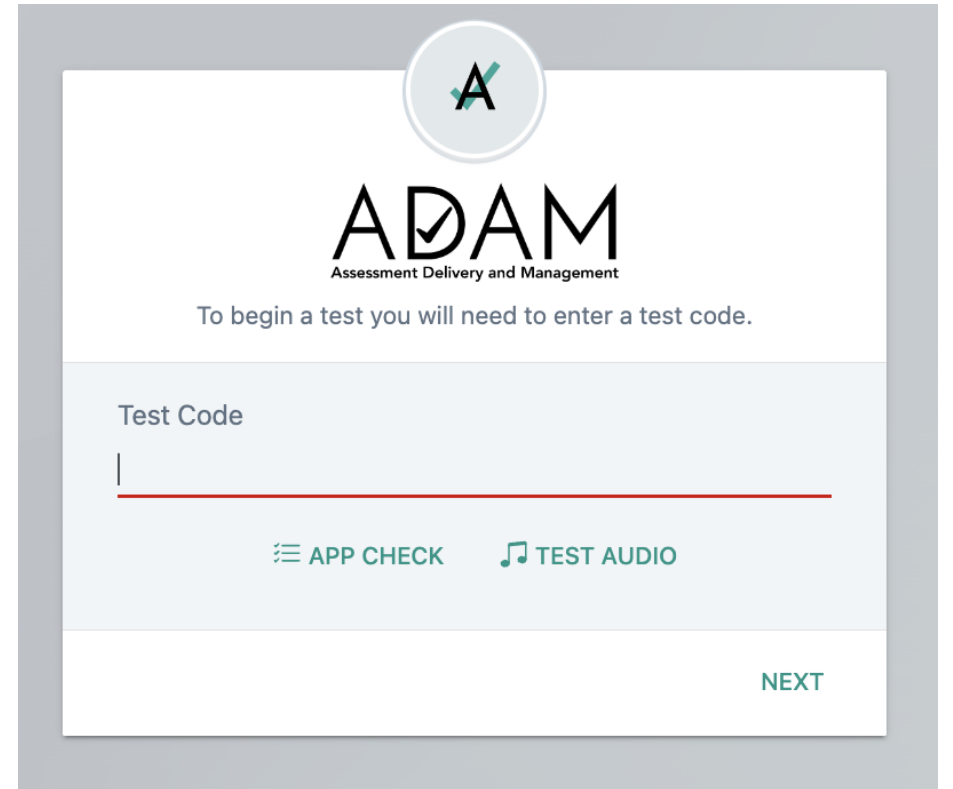
Please reference articles like:

What is the ADAM Lockdown Browser for the Maine Science Assessment?

- ADAM is the online platform for the Maine Science Assessment.
- The ADAM Lockdown Browser is a custom software application, based on web browser technology, that is installed on each student test-taking device.
- The Lockdown Browser functions as a dedicated secure online application just for delivering the Maine Science Assessment.
- Students launch the test using the Lockdown Browser, and it “locks down” their device to prevent access to other computer programs or internet sites during the test.
- The Lockdown Browser also ensures students have the same testing experience on any computer device (desktops, laptops, Chromebooks, and tablets running Mac, Windows, iPadOS, ChromeOS).
- The Lockdown Browser is easy to install and easy to use.

Instructions Overview

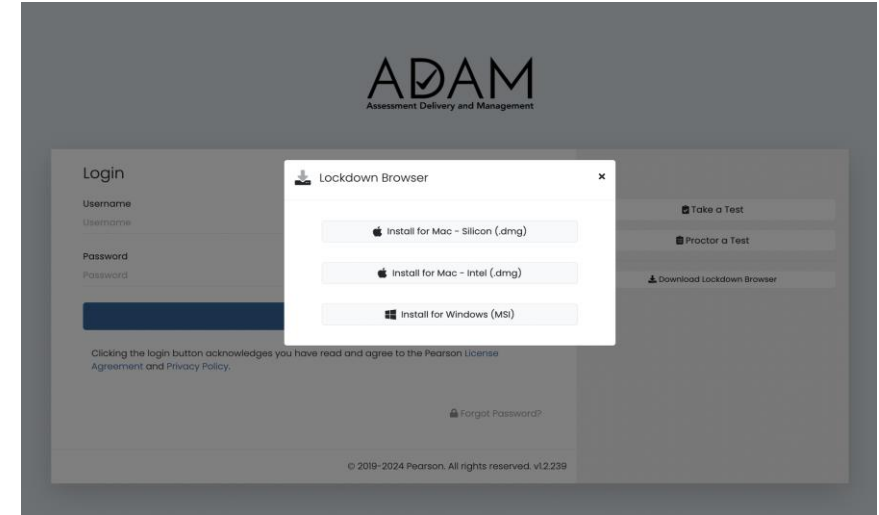
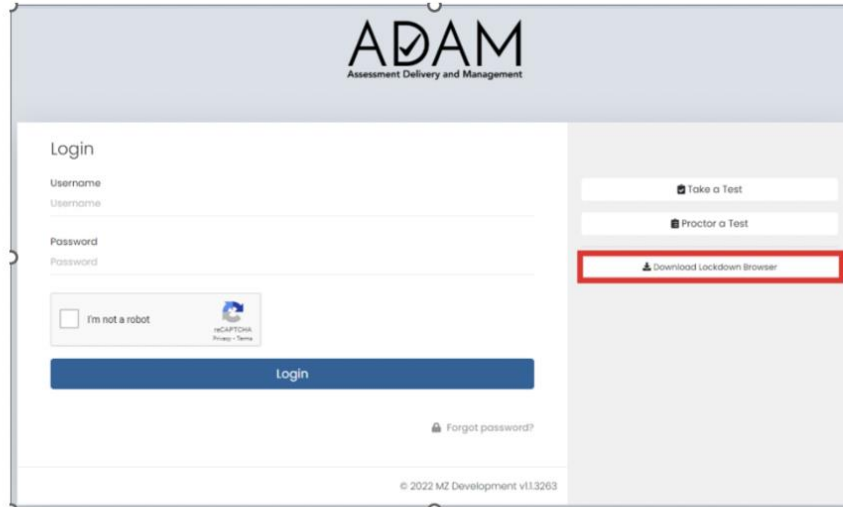
- Download the newest version of the ADAM Lockdown Browser to each student device that will be used for the test.
- Install it according to operating system practices.
- No account creation, settings configuration, or payment are necessary. No modifications to the code are permitted.
- On test day, have the students open the ADAM Lockdown Browser to take the test.



Mac and Windows Installation Steps

1. Navigate to <https://adamexam.com/>

2. Select "Download Lockdown Browser"



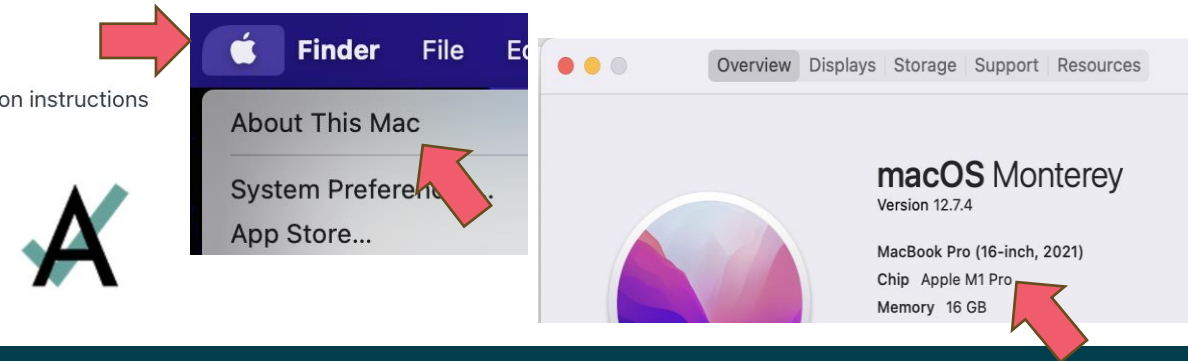
- 3.
- Select the "Mac Install (.dmg) button if you are using a Mac.
 - Select the "Windows Install (MSI)" button if you are using a Windows computer.

- Choose **Mac – Silicon** for newer devices with **M1 or M2** processors/chips
- Choose **Mac – Intel** for older devices with Intel processors/chips

Wait for the install package to download to the device.


4. Once the download is complete, open the install package and follow the installation instructions provided on the screen.

5. Once installation is complete, select the ADAM icon to launch the application.



Step 1 – How to Download and Install

Chromebook Installation Steps

1. Sign in to your Google Admin console to open the Admin console Home page.
2. Go to **Devices > Chrome**
3. Click **Apps & Extensions > Kiosks**
4. Leave the top organizational unit selected to apply the settings to all devices being managed through the console. Otherwise, select a "child organizational" unit.
5. Select the Add  button and choose "Add from Chrome Web Store."
6. In the Chrome Web Store, select the app called **ADAM Test Delivery**. If the app is not showing, as an administrator of managed Chromebooks, one can search for the Lockdown Browser app in the Chrome Store using the ADAM Test Delivery ID: **okfigdffapmhgfallhfnfnplcemcclm**
7. After the installation is complete, the ADAM Lockdown Browser should be installed on all the associated machines.

Students should not log in to the Chromebook. They should select the ADAM icon in the system tray.



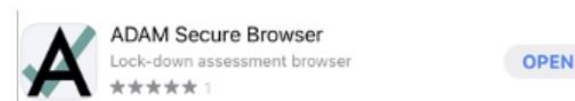
iOS Installation Steps

NOTE that the iOS installation is for iPad only.

1. Navigate to the Apple App Store on the device.



2. Search **ADAM Secure Browser** in the App Store, then download and open the app.



3. After the installation is complete, select the ADAM icon to launch the application.



In Response to Common Questions...

- We recommend installing the latest ADAM Lockdown Browser version each year prior to testing.
- The installation process will uninstall previous versions. No need to uninstall manually.
- The ADAM Lockdown Browser can only be used with Managed Chromebooks. Use with individual Chromebooks is not supported.
- The **ADAM Lockdown Browser must be used for administration of the Maine Science Assessment**. The NWEA assessments for Math and ELA have a separate, different custom browser application.
- For Mac users, MDOE will not release a Jamf file this year as in the past
- Spring 2024 versions of the ADAM Lockdown Browser
 - Mac – v1.6.2 (Silicon and Intel)
 - Windows – v1.6.6 or v1.6.7 (release pending)
 - iPad – v1.0.4
 - Chromebook – v1.3.4

Operating System

- OS cannot be running in a virtualized environment.
- macOS: version 12.7.3 to 14.3.1
- Windows: Windows 10
- Chrome OS: latest three releases
- iOS: version 15.8.1 to 17.3.1

Other System Requirements

Described in detail in the **Device, System, and Lockdown Browser Guide**

- Whitelist /blocklist
- Network
- Hardware
- Operating System
- Display
- Battery
- Permitted Peripherals
- Assistive Devices



Device, System, and Lockdown Browser Installation Guide

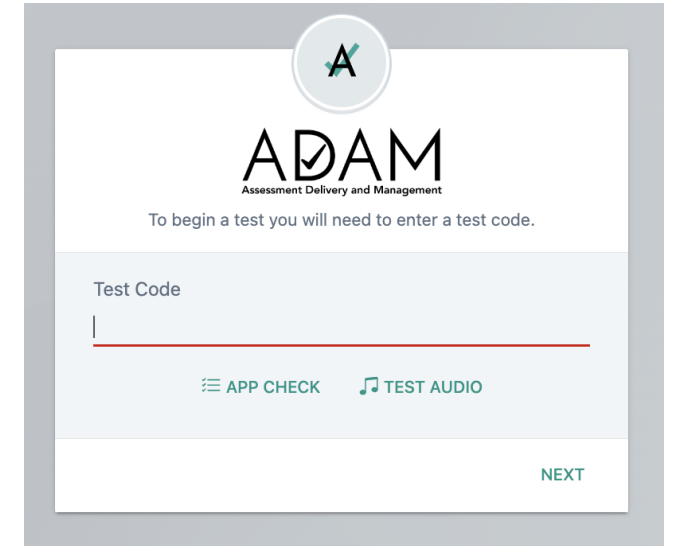
MAINE SCIENCE ASSESSMENT

SPRING 2024

ADAM
Assessment Delivery and Management

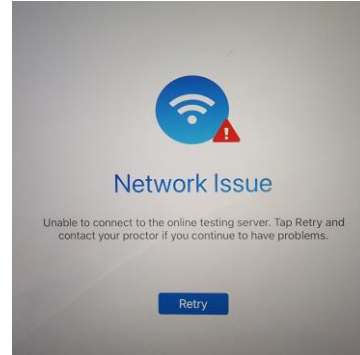
Step 2 – How to Use the ADAM Lockdown Browser

- Connect the student device to the Internet
- Quit all other applications and browser windows running on the test taking device
- Have students click on the ADAM icon on their device desktop, app list, or system tray
- When the Lockdown Browser launches, it will take over the full screen
- Follow directions on any alert messages that may appear during launch
- Once launched, students using Text to Speech can test their audio levels before starting the test
- Have students enter their State Student ID and test code to start the test as per the instructions and policies in the test administration manuals and proctor guides
- Have students close/exit the Lockdown Browser after the student has submitted each session of the test.



Warning messages when launching the Lockdown Browser

- Not connected to the Internet
- Slow network
- Other applications running in background
- Not enough battery power
- Too many monitors
- Insufficient memory
- Low resolution display
- Microsoft Edge issues



System Startup Checks

The ADAM Lockdown Browser automatically verifies the following system requirements. If a device fails one of these checks, a summary of the issue is displayed on the screen, and when possible, the user will have an opportunity to resolve it. For example, if the lockdown browser detects that a device has two monitors, an alert will provide instructions with an option for the user to unplug one monitor and then select "Retry" to rerun the checks. Similar notifications are provided if the device has a low battery level or is not plugged into a power outlet.

Warning messages about hard drive space, screen resolution, and battery/power status may display when ADAM starts but do not prevent students from running the assessment.

- The student device must have access to the internet before the lockdown browser will initialize for student use.
- After the operating system check is complete, a final network check is needed based on how long it takes for the first page of the lockdown browser to load. If the initial page load exceeds the limit set, the system check will fail.

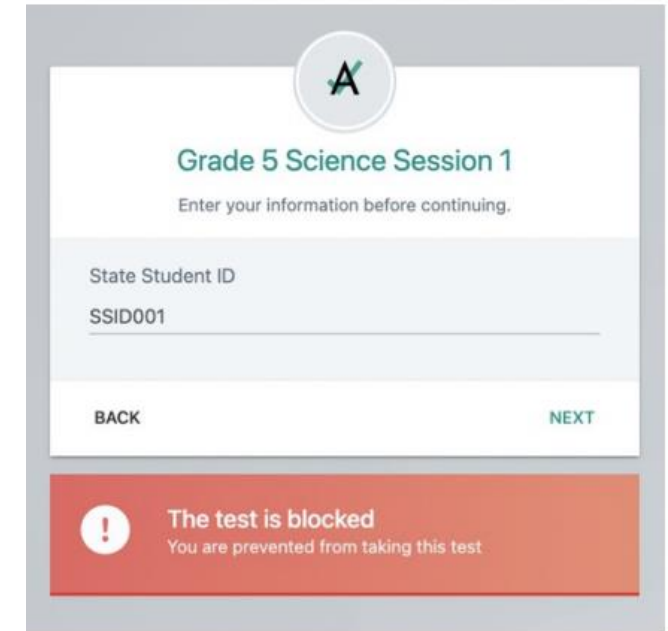
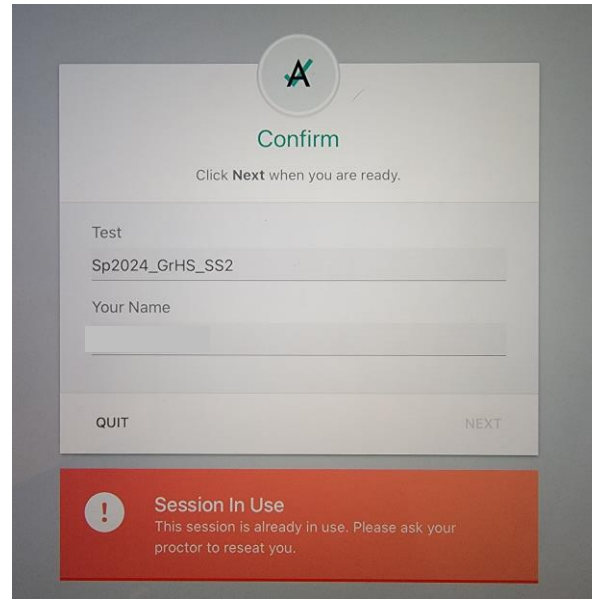
Microsoft Edge on Windows-Based Devices

For Windows-based devices, it is recommended that prior to starting the assessment, school IT administrators disable the system setting that allows the Edge browser to "continue running background extensions and apps when Microsoft Edge is closed".

1. Ensure the device is running the latest version of Edge
2. Go to ... -> Settings -> System and performance
 - Disable "Startup boost"
 - Disable "Continue running background extensions and apps when Microsoft Edge is closed"

Warning messages when launching the test

- Student not found
 - Re-enter SSID
 - Check student roster
- Test not found
 - Re-enter test code
 - Check code on test ticket
- Test is already in session
 - Reseat the student
- Test is blocked (paper-only students)
 - Administer the student's assigned paper test
- Session is already submitted
 - Student completed the test
 - Student accidentally submitted the test and needs to be unsubmitted (requires MDOE approval)
 - Student started but did not complete the test and was autosubmitted at end of day (requires MDOE approval to reopen test on a subsequent day)



Should a student receiving a paper-based accommodation attempt to login to the online platform the following alert message will appear on the screen: *The test is blocked, you are prevented from taking this test.*

During Testing: When the Lockdown Browser Requires Reseating

Scenarios:

- Time-out / Idle for too long
- Network disruption
- Student accidentally closed the test window
- System closed the test due to detection of unallowed program attempting to run at the same time

The screenshot displays the Maine Department of Education testing interface. It is divided into three main sections: Testing Information, Config Information, and Actions. Below these is a progress bar and a list of students with various columns for testing details and actions.

Testing Information:

- Test: High School Science Session 2
- Administration: High School Science Session 2 - UAT Sp2024
- Proctor Group: Mrs. Carpenter Sp2024_GrHS_SS2
- Testing School: DEMO Northview High School

Config Information:

- Test Window: 12/12/23 - 03/29/24
- Proctor Name: K A
- Kiosk Only: Yes

Actions:

- Test Code: T3556G
- Proctor Password: T3556G
- Print Cards

Student List:

Tester	Identifier	Organization	Progress	Started Time	Health	Section	Item	TTS	Accom	Code	Actions
SID140	DEMO Northview High School	Not Started	Not Started		Not Started	None	None			Paper Only	⋮
SID150	DEMO Northview High School	Submitted	Dec 20th, 12:26:24 pm		Submitted						⋮
SID141	DEMO Northview High School	In Progress...	Mar 28th, 12:16:17 am		Active	1 of 1	1 of 18				⋮
SID138	DEMO Northview High School	Submitted	Dec 27th, 4:26:05 am		Submitted		100% Attempted		1		⋮
SID145	DEMO Northview High School	Submitted	Dec 18th, 10:02:05 am		Submitted		0% Attempted				⋮

Annotations on the screenshot:

- A yellow box labeled "RESEAT ALL" points to the "Actions" column of the student list.
- A yellow box labeled "STUDENT ACTION OPTIONS" points to the "Actions" column of the student list.
- A yellow box labeled "RESEAT STUDENT" points to the "Actions" column of the student list.

During Testing: When the Lockdown Browser Requires Reseating

Scenarios:

- If reseating still doesn't allow the student to continue their test, it may have already been submitted. Unsubmitting / reopening a test requires MDOE approval.

The screenshot displays the Maine Department of Education testing interface. At the top, a confirmation dialog asks, "Are you sure you want to reseal this student's session?" with "Cancel" and "Reseat" buttons. A red arrow points to the "Reseat" button. Below the dialog, the interface shows the Maine Department of Education logo and three panels: "Testing Information", "Config Information", and "Actions".

Testing Information:

- Test:** High School Science Session 2
- Administration:** High School Science Session 2 - UAT Sp2024
- Proctor Group:** Mrs. Carpenter Sp2024_GrHS_SS2
- Testing School:** DEMO Northview High School

Config Information:

- Test Window:** 12/12/23 - 03/29/24
- Proctor Name:** K A
- Kiosk Only:** Yes

Actions:

- Test Code:** Q47PAZ
- Proctor Password:** T3556G
- [Print Cards](#)

Below these panels is a progress bar with "Complete", "In Progress", and "Not Started" sections. A navigation bar includes tabs for "All", "Not Started", "In Progress", "Submitted", and "Exited", along with a search bar, "Auto Refresh (5 mins)" toggle, and page navigation (1 of 13). A table below shows test results:

Tester	Identifier	Organization	Progress	Started Time	Health	Section	Item	TTS	Accom	Code	Actions
SID141		DEMO Northview High School	Reseated	Mar 28th, 12:16:17 am	Active	1 of 1	1 of 18				

A red arrow points to the "Reseated" status in the table.

Maine Science Support Desk is Full of Up-to-Date Information

Toll Free Number: 855-544-0842 *or*

Online Self-Service: <https://mescience.zendesk.com>

Maine Science
Assessment
Program
Support Desk

The screenshot shows the Maine Science Support Desk website. At the top left is the Maine Department of Education logo. In the center is a laptop displaying a search bar with the text "What are you looking for?". To the right is the ADAM (Assessment Delivery and Management) logo. Below the search bar are three main navigation boxes: "Video Tutorials & Webinars" (with a sub-description), "Resources - Document Downloads" (with a sub-description), and "Request Help" (with a sub-description). A red box highlights the "Create a ticket" link above the "Request Help" box. Below these boxes is a "FAQ" section. At the bottom right, a red box highlights the "Call or Chat" link, and a "Call us" button is visible in the bottom right corner.

SAU Science Assessment Administration Support

Maine Department of Education

Science Assessment Coordinator

Krista.Averill@maine.gov or 207-215-2568

- [Maine Science | Department of Education](#) – Resource Page
- Accommodations, irregularities, assessment content, policy, and student-related questions

MEDMS Helpdesk

MEDMS.Helpdesk@maine.gov or (207) 624-6896

- Questions regarding assessment rosters [in NEO](#)

New Meridian/MZD

Toll Free Number: 855-544-0842 *or*

Online Self-Service: <https://mescience.zendesk.com>

- Lockdown Browser (LDB) installation issues, LDB not working
- Log in credentials & Support
- Rostering information and support

** Note the New Meridian/MZD Help Desk contact information provided here is unique to Maine Science.*

Math and Reading assessments have a separate, different help desk.

Q & A





New Meridian
Science Exchange

Thank you!