

Guideline for Installing the NESA Lockdown Browser

Required for: HSC minimum standard tests HSC Science Extension HSC Exam Writer students

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NESA Lockdown Browser

The NESA lockdown browser is required for students sitting the following online tests:

Online Test	Supported Devices
Literacy and numeracy minimum standard tests	 Windows Mac Chromebook (numeracy and reading tests ONLY) iPad(numeracy and reading tests ONLY)
HSC Science Extension	WindowsMac
HSC Exam Writer	WindowsMac

To ensure the tests are secure and to maintain their integrity, the test is administered via the Respondus lockdown browser. The current version is *2.1.0.3* for *Windows and Mac both.*

Schools must install the lockdown browser on each device before a student undertakes the test. This will prevent students from leaving the test application. If the lockdown browser is not installed, students will not be able to sit the test on that device.

Note for Department of Education Schools

The browser is available in the Department of Education software catalogue. The most recent version is "Respondus Lockdown Browser" **2.1.0.3** (Windows and Mac). Further information is available from the Department of Education IT Department.

Computer requirements

The lockdown browser has the following minimum technical specifications:

Device	Browser (Latest Version)	Operating System	Hardware
PC	Chrome(recommended), Firefox, Edge	Windows*: 11, 10 *Windows 11/10 S and SE are not compatible	2GB RAM, 1Ghz processor, 1GB hard drive space free 200MB permanent space on the hard drive. Installer download file size: 108MB

Device	Browser (Latest Version)	Operating System	Hardware
Mac	Chrome(recommended), Firefox, Safari	MacOS 10.13 or higher	2GB RAM, 1Ghz processor, 1GB hard drive space free 200MB permanent space on the hard drive Installer download file size: 116MB
Chromebooks	All Chromebooks that are managed by the school or sector are supported for minimum standard numeracy and reading tests ONLY. To check if your Chromebook is managed, go to https://support.google.com/chromebook/answer/1331549?hl=en		
iPads	iPads are supported for minimum standard numeracy and reading tests ONLY. See the App Store for the latest requirements		

Whitelisting

To ensure students can access and complete the tests, the following URLs should be whitelisted or made available on your school's network (please contact your school's IT support):

- *.nesa.nsw.edu.au
- *.learnosity.com d1c0d5jcm4tvkl.cloudfront.net
- *.respondus2.com
- *.respondus.com

fonts.gstatic.com/s/roboto/v18

use.fontawesome.com/releases

code.jquery.com/ui/1.12.1

fonts.googleapis.com

svc.webspellchecker.net

Installation of the Lockdown Browser

Installation Files

Files are available on Schools Online or on Authorities Online.

Schools Online > Downloads > Memos and Documents > Lockdown Browser



Authorities Online > Memos and Documents > Folders/Available Files > Lockdown Browser Minimum Standard and HSC

Education Standards Authority		Broken Bay Diocese (13)	
			AUTHORITIES UNLINE
	Memos and Documents		<u>help</u> <u>Site map</u> <u>Log off</u>
Contact us For technical assistance, please call Student Records: (02) 9367 8001.	Click on folder icons to show or hide downloadable docu Right click (or option-click for Mac) required file and sele	ments. t "Save As" Save the file into a temporary directory. Do not cha	nge the file name or extension.
	Folders/Available Files		
	Lockdown Browser Minimum Standard and HSC Q Apple Mac Installer PKG Installer for student and lab use.		
	Windows - Installer MSI Installer for managed installations		
	<u>Windows - Installer</u> EXE Installer for Individual Installation.		
	Miscellaneous Documents		

Installation: Windows device

1. Log into Schools Online > Downloads > Memos and Documents > Lockdown Browser.



 Click on the file marked "Windows – Installer: MSI Installer". This will download a file named "Windows - LockDownBrowserLabOEM-MSI_2.1.0.3" which will appear in the Downloads folder of your computer.

•	HSC Language Examinations Advice	Windows_LockDownBrowserLabOEM-MSI_2.1.0.3.zip	×			
•	HSC Practical Certification	Show all downloads				
•	HSC Practical Examinations Advice					
•	HSC Project Uploads					
•	HSC Science Extension					
•	HSC Written Examinations					
	Lockdown browser					
Apple MAC Installer MAC PKG Installer Guide to Installing the NESA Lockdown Browser Windows Installer MSI Installer						

3. Go to your Downloads folder; right-click on the file and select "Extract All" to unzip the installer file.



4. This will create the folder "Windows - LockDownBrowserLabOEM-MSI_2.1.0.3".

Open the Windows - LockDownBrowserLabOEM-MSI__2.1.0.3 folder and double-click on the "Respondus LockDown Browser Lab OEM" .msi file to launch the installation process.

15-Jun-23 2:27 PM

Windows_LockDownBrowserLabOEM-MSI_2.1.0.3

File folder

> Windows_LockDownBrowserLabOEM-MSI_2.1.0.3

	Name ^	Date modified	Туре	Size
*	🔜 Respondus LockDown Browser Lab OEM	15-Jun-23 2:27 PM	Windows Installer Pa	106,204 KB
*				

5. Click 'Next' to progress to the installation.

💽 Respondus LockDown Browser	Lab OEM - InstallShield Wizard	\times
	Welcome to the InstallShield Wizard for Respondus LockDown Browser Lab OEM The InstallShield(R) Wizard will allow you to modify, repair, or remove Respondus LockDown Browser Lab OEM. To continue, dick Next.	
	< Back Next > Cancel	

6. Click the 'Install' button to install the application. You will need admin rights to perform this function. There will be additional pages that do not require action, click 'Next' to progress to the installation.

Respondus LockDown Browser Lab OEM	VI - InstallShield W	/izard	×
Ready to Install the Program			4
The wizard is ready to begin installation.			C
Click Install to begin the installation.			
If you want to review or change any of you the wizard.	ur installation setting	gs, click Back. Click C	Cancel to exit
InstallShield			
	< Back	<table-cell-rows> Install</table-cell-rows>	Cancel

7. Finally, click on 'Finish' to complete the installation.

Respondus LockDown Brows	er Lab OEM - InstallShield Wizard
2	InstallShield Wizard Complete
	The InstallShield Wizard has successfully installed Respondus LockDown Browser Lab OEM. Click Finish to exit the wizard.
(\sim)	
	1
	< Back Finish Cancel

The lockdown browser will automatically load when the student follows instructions to enter the test or exam.

Installation: Individual Mac device

1. Log in to Schools Online > Downloads > Memos and Documents > Lockdown Browser.



- Click on the file marked "Apple Mac installer". This will download a file named "MacOS_InstallDBOEM_2.1.0.3.zip" which will appear in the Downloads folder of your Mac Computer.
- **3.** Go to your Downloads folder; right-click on the file to unzip the installer file by selecting the 'The Unarchiver' option. This will unzip the "Install Respondus Lockdown Browser OEM (x64c).pkg" installer file in the same Downloads folder.

•••	< > Downloads	88 ≔ ⊞ ⊡	
Favourites	Name	Size Kind	Date Added 🗸
 AirDrop Recent Applications Desktop Documents Downloads Locations iCloud Drive 	MacOS_installLDBOEM_2.1.0.3.zip	Archive Utility (default)	Open Open With Move to Bin Get Info Rename Duplicate Make Alias Quick Look "MacOS_InstallLDBOEM_2.1.0.3.zip"
Tags • Red • Orange • Yellow • Green			Copy Share > Tags Quick Actions >

•••	< > Downloads	88 ∷			⊘ … ~	Q
Favourites	Name		Size	Kind	Date Added	
AirDrop	😪 Install Respondus LockDown Browser OEM (x	64c).pkg	116.2 MB	Installeackage	Today at 3:52 pm	
Recent	MacOS_InstallLDBOEM_2.1.0.3.zip		116 MB	ZIP archive	Today at 3:42 pm	
🙏 Applications						
🚍 Desktop						
Documents						
Ownloads						
Locations						
iCloud Drive						
Tags						
Red						
Orange						
Yellow						
Green						

4. Double-click on the "Install Respondus Lockdown Browser OEM (x64c).pkg" installer file to launch the installer and click on 'Allow'.



5. Click on 'Continue'.



6. Click on 'Install' to begin the installation.



7. Provide the required credentials and click on 'Install Software'.

Respo	Installer is trying to install new software.	
Introduc	Enter your password to allow this.	
Destinat	User Name: Administrator	oftware
Installat	Password:	
Installati		
Configui	Cancel Install Software	
Summar		-
Ŷ	Change Insta	Il Location

8. Click on 'Close' to complete the installation.



The lockdown browser will automatically load when the student follows instructions to enter the test or exam.

Follow the internal installation process for installing the lockdown browser on managed devices.

Installation: Chromebooks

Note: Chromebooks are supported for minimum standard (Reading and Numeracy tests) ONLY

1.	Log in to the Google Suite admin console at <u>https://admin.google.com</u> .	≡	🔿 Admin
			Home
		<u>ہ</u> ہ	Directory
2.	Select 'Devices'.	- LO	Devices
			Overview
_			Chrome
3.	Select 'Chrome'.		Overview
			Guides
			Devices
4.	Select 'Apps & Extensions'.		Managed browsers
	Above steps will expand each option and list sub-options		 Settings
	underneath.		·r Apps & extensions
F			Overview
ວ.	Select 'Klosks'.		Users & browsers
			Kiosks
			Managed guest sessions
			Requests
			Connectors

6. Select the appropriate organisational unit which the school devices are linked to.

= 💽 Admin	Q. Search for users, groups or settings						¢	8	?		D
- LD Devices	Devices > Chrome > Apps & extensions +										
Overview	nap.bstes.nsw.edu.au > Test School										
← Chrome		Overview	Users &	browsers	Klosks	Managed guest sessions			Reque	sts	
Overview	Apps & Extensions				_						_
Guides		Full-text: ** @							CLEAR	FILTERS	\$
Devices	Organizational Units	App	Installation policy	Version pinning							
Managed browsers	Search for organizational units	Auto-launch ann	None 👻								
 Settings 	 nap.bstes.nsw.edu.au 		Locally applied 🔻								
	MST										
Overview	Naplan										
Users & browsers	SciExt				No apps & extensions Add an app below or c	match your filters. lear your filters.					
Kiosks	Test OU										
Managed guest sessions	Test School										
Requests											
Connectors											
 Printers 											
 Reports 											
 Mobile & endpoints 											
Networks											
Apps										+	
> 😯 Security											1

7. Select the + button and 'Add Chrome app or extension by ID'.



8. Enter extension ID **bgopjpjhaaimibjnhliipejkogdobonl** for the NESA app and select 'SAVE'.

Add Chrome app or extension by ID	
Chrome apps and extensions can also be added by specifyi Chrome Web Store, you must also specify the URL where the	ng the ID. If it is outside the e extension is hosted.
Extension ID	
bgopjpjhaaimibjnhliipejkogdobonl	
From the Chrome Web Store 🔻	
	CANCEL SAVE

- 9. App will appear and status displays as 'Installed'.
- 10. Ensure the 'Allow On-screen Keyboard' option is disabled, so the devices must be used in laptop mode with access to a physical keyboard. This is to turn off predictive text.

= 💽 Admin	Q. Search for users, groups or settings					¢	8 (9 :	# D
- Devices	Devices > Chrome > Apps & extensions +								
Overview	nap.bstes.nsw.edu.au > Test School								
- Chrome			Overview U:	ers & browsers	Kiosks	Managed guest sessions	P	equests	
Overview	Apps & Extensions		Full-text: "bgopjpjhaaimibjnhlii	pejkogdobonl" 🛞	_	1501	=	_	~
Guides	Omanizational Units				CLEAR FILTERS	NESA	U	LtJ	^
Devices	organizational online					Kiosk Settings			
Managed browsers	Search for organizational units	_	App	Installation policy	Version pinning	Allow App to Manage Power Inherited from Google default			
 Settings 	✓ nap.bstes.nsw.edu.au		Auto-launch app	None 👻		Enable Unified Desktop (BETA)			
 Apps & extensions 	MST			Locary opport		Inherited from Google default			
Overview	Naplan		 NESA bgopjpjhaaimibjnhilipejkop 	doboni Locally applied V		Allow On-screen Keyboard Inherited from nap.bstes.nsw.edu.au			
Users & browsers	SciExt					Enable Plug-ins			
Kiosks	Test OU					Locally applied 👻			
Managed guest sessions	Test School					Set Keyboard Top Row as FN Keys Inherited from Google default			
Requests									

11. Disabling Spell check

- a. Devices > Chrome > Settings > Users & browsers
- b. Search for Spell check
- c. Disable Spell check

Note: NESA does not recommend the use of Chromebooks for the minimum standard writing tests as they are unable to store the students' responses locally in the event of a connectivity issue.

Student Experience: Chromebooks

Students can launch WebLock by selecting "NESA" from the Apps link on their login screen.

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() Shut down III Apps Browse as Guest O Add Person

- 1. When the NESA App starts, the login page will appear, and the student can login and navigate to the exam.
- 2. During an exam, the student will be locked into the exam environment until they have finished the exam.
- 3. Once the exam is complete the user must restart the Chromebook (or sign out) to fully exit the exam.

Installation: iPads

Note: iPads are supported for minimum standard (Reading and Numeracy tests) ONLY

1. In the App Store, search for 'Lockdown Browser'. Select the app as shown below.



- 2. Tap 'GET' to install the app.
- 3. Wait for the device to complete the app installation.

Student Experience: iPads

- 1. Students can launch the test by going to the test URL in Safari and selecting the test they want to enter.
- 2. A prompt will appear to open Lockdown Browser. Click 'Open'.

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NESA Teste and Examination NESA NESA Stand Autho	Confirm App Self-Lock LockDaw warts to start Single A Mood You will be installed is use of apps an iPad and LockDown en Single App Mode. Do you want to a bing?	(op ther di. klow	inimum Standards Literacy and Numeracy Ter ARD TESTS
	No Yes		
Welcome to the			
There are three tests you c			
The Minimum Sta			
The reading test assesses	Click 'Y	'es'.	
The Minimum Sta			
The numeracy test assesse			n.
The Minimum Standar	rd Writing Test:		
	in mining rest.		and the second se
Demonstration tests	3	Log in to star	t tests
Demonstration tests Try the demonstration tests. T time and do not require you to The three tests you can try are • Reading • Numeracy • Writing	Open in "LockDown"?	Loa in to star Cancel Ope When you log in appear. Choose the test please st Log in below whe	t tests unber and PIN to log in and ichool supervisor will provide V down browser" window will To load the test. If you carn't load your seat and raise your hand. If supervisor says you can start.
Demonstration tests Try the demonstration tests. T time and do not require you to The three tests you can try are • Reading • Numeracy • Writing START DEMONSTRATI	Open in "LockDown"?	Log in to star Cancel Ope When you log in appear Choose" the test please st Log in below whe Click for	ttests unber and PIN to log in and icholo supervisor will provide V down browser" window will to load the test. If you can't load your seat and raise your hand. ur supervisor says you can start.
Demonstration tests Try the demonstration tests. T time and do not require you to The three tests you can try are • Reading • Numeracy. • Writing START DEMONSTRATION	Open in "LockDown"?	Log in to star Cancel Ope When you log in appear. Choose the test please st Log in below whe Click for	ttests unber and PIN to log in and school supervisor will provide V down browser" window will "to load the test. If you can't load your seat and raise your hand. ur supervisor says you can start. Oppen'.
Demonstration tests Try the demonstration tests. To The and do not require you to The three tests you can try are • Reading • Numeracy • Writing START DEMONSTRATI	Open in "LockDown"?	Loa in to star Cance Op Mhen you log in appear. Choose the test please st Log in below wh Click for	ttests where and PIN to log in and ichool supervisor will provide 's load the test. If you carint food your seat and raise your hand. ur supervisor says you can start.
Demonstration tests Try the demonstration tests. T The and do not require you to The three tests you can try are • Reading • Numeracy • Writing START DEMONSTRATI	Open in "LockDown"?	Log in to star Cancel Op Mhen you log in appear. Choose the test please st Log in below wh Click for ackground colour:	ttests where and PIN to log in and ichool supervisor will provide V down browser window will 'to load the test. If you carn ti foad your seat and raise your hand. ur supervisor says you can start. Dppen'.

- **3.** Once open, the app will ask to confirm if you want to start the 'Single App Mode'. You will be unable to use other apps on the iPad until the 'Single App Mode' ends. Click 'Yes' to continue.
- 4. During an exam, the student will be locked into the exam environment until they have finished the exam.