

Louisiana will utilize two assessment delivery platforms during the 2017-2018 school year. LEAP 360, LEAP 2025, and Louisiana Connect will utilize the DRC INSIGHT platform. The English Language Proficiency Test (ELPT) will utilize the American Institute for Research (AIR) secure browser. Designed to work with technology commonly available in schools, the following tables outline the current minimum and recommended device and system, DRC TSM, and ELPT headset specifications as a guideline for future considerations and equipment purchases related to online testing. Contact assessment@la.gov with any questions.

The requirements in this document take the following into consideration:

- The site's secure browser software is up to date.
- The site is utilizing a TSM to distribute and cache all content. (ELPT does not require the use of a TSM.)
- Critical variables such as the available network bandwidth and network configuration have not diminished since the last testing cycle.

Considerations:

- Microsoft released Windows 10S on May 2, 2017. LDOE and DRC are currently evaluating the feasibility of supporting this new operating system with testing. More information will be forthcoming; however, districts should not assume Windows 10S devices will be supported for the 2017-2018 school year.

Device Requirements

Supported Operating Systems	Supported Hardware Devices	Screen Size	Processor	HDD Space	Memory	Resolution
Windows 7 Windows 8.1 Windows 10	Touch and non-touch screen devices are now supported	Non-touch screen devices: Minimum: 9.5" Recommended: 13"+ Touch screen devices: Minimum: 10" Recommended 13"+	Minimum: Dual-core i3 1.4 GHz or equivalent Recommended: Dual-core i5 2 GHz or equivalent	Minimum: 10 GB Recommended: 20 GB or larger	Minimum: 2+ GB RAM Recommended: 4+ GB RAM	1024x768 or greater

Supported Operating Systems	Supported Hardware Devices	Screen Size	Processor	HDD Space	Memory	Resolution
<u>Mac OSX</u> OS X 10.10 OS X 10.11	Non-touch screen devices only	Non-touch screen devices: Minimum: 9.5" Recommended: 13"+	Minimum: Dual-core i3 1.4 GHz or equivalent Recommended: Dual-core i5 2 GHz or equivalent	Minimum: 10 GB Recommended: 20 GB or larger	Minimum: 2+ GB RAM Recommended: 4+ GB RAM	1024x768 or greater
<u>Chrome OS**</u> Chrome OS latest stable channel version	Touch and non-touch screen devices are now supported	Touch screen devices: Minimum: 10" Recommended: 13"+	N/A			
<u>Apple iOS*</u> 10.x*	iPad 4 th generation or newer iPad Air iPad Pro: 9.7" and 12.9" Update: Ending support for iPad, iPad 2, and iPad 3 rd generation	9.7"+	N/A	N/A	N/A	
<u>Android***</u> Lollipop 5.x Marshmallow 6.x Nougat 7.x	ASUS Transformer Pad TF103CE (aka K010E) Dell Venue 10, model 5050 Google Pixel C	10"+	N/A	N/A	N/A	

* Fall 2017, Apple will likely release an iOS upgrade. DRC anticipates offering full support for the new iOS. Linux will no longer be supported.

** Supported Chrome devices must meet Google Auto Update Policy requirements. See <https://support.google.com/chrome/a/answer/6220366?hl=en> for support and expiration date details.

***Android tablets are not compatible with the ELPT Assessment platform

DRC TSM Requirements

Supported Devices	Number of Concurrent Testers	Processor	Memory	Minimum Available LAN Bandwidth	Unused Disk Space
32-bit or 64-bit Windows, Mac (OSX and MacOS), Linux* Desktop, laptop and server devices Important: <ul style="list-style-type: none"> The TSM should not be installed on mobile or touch-screen devices. The processor, memory, and disk space requirements for the TSM vary based on the number of testers that will be testing concurrently and the accommodations used. The TSM should be connected to the network through a wired connection. A TSM configured for response caching can handle fewer concurrent testers when response caching is active. 	1-25	Minimum Dual-core i3 at 2.4 GHz or equivalent Recommended Dual-core i5 at 2.4 GHz or equivalent	Minimum 2 GB RAM Recommended 4 GB RAM	50 Mbps	Minimum 10 GB Recommended 20 GB or more
	26-150	2x dual-core i5 at 2.4 GHz or equivalent	Accommodations 4 GB RAM	100 Mbps	Accommodations 20 GB or more

* All Linux setups require 32- and 64-bit Gnome 3.4 and the Unity Shell.

Supported Devices	Number of Concurrent Testers	Processor	Memory	Minimum Available LAN Bandwidth	Unused Disk Space
64-bit Windows, Mac (OS X and macOS), Linux — Desktop, laptop and server devices Important: <ul style="list-style-type: none"> The TSM should not be installed on mobile or touch-screen devices. The processor, memory, and disk space requirements for the TSM vary based on the number of testers that will be testing concurrently and the accommodations used. The TSM should be connected to the network through a wired connection. A TSM configured for response caching can handle fewer concurrent testers when response caching is active. 	1-25	Minimum Dual-core i3 at 2.4 GHz or equivalent Recommended Dual-core i5 at 2.4 GHz or equivalent	Minimum 2 GB RAM Recommended 4 GB RAM Accommodations 4 GB RAM	50 Mbps	Minimum 10 GB Recommended 20 GB or more Accommodations 20 GB or more
	26-150	2x Dual-core i5 at 2.4 GHz or equivalent		100 Mbps	
	151-500	4x dual-core i5 at 2.4 GHz or equivalent	8 GB RAM	200 Mbps	

* All Linux setups require 32- and 64-bit Gnome 3.4 and the Unity Shell.

ELPT Headset Specifications

Required Features	Device: Headset with attached microphone	Headset Design: Over-ear headphones	Play Back Mode: Stereo	Noise Cancellation Feature: None needed	Volume Control Feature: None Needed	Type of Connector Plug: one 3.5mm plug, two 3.5mm plugs, or USB connector	Special Considerations
<p>Reasons for Recommendations</p>	<p>A headset with an attached microphone allows for recording and playback using the same device.</p>	<p>Over-ear headphones are comfortable to be worn for a longer period of time by students of different ages. Weight and size of the headphones can be selected based on students' age. Portable headphones are smaller and lighter and may be suitable for young students.</p>	<p>The sound files of the assessment are recorded and played back in stereo.</p>	<p>Noise cancellation often does not cancel out the sound of human voices.</p>	<p>Students will be able to control headset volume via the testing device, (computer, laptop, tablet, etc.) and there is an audio check built into the platform.</p>	<p>Headsets must be compatible with the computer used for testing. Headsets with two 3.5mm plugs can be converted with a "Y" adaptor to a single plug and be used with tablets. USB connected headsets require driver installation and may need to be enabled as playback/recording device.</p>	<p>Alternative-size headsets may need to be considered for smaller children, although not required. Ear buds with a microphone may be considered for students who wear head scarves or wraps, etc.</p>

ELPT Headsets

LDOE and the Office of Technology Services negotiated cooperative discounted pricing for headphones which meet testing standards. Pricing and devices are included in the table below. In order for a district to receive the pre-negotiated discount pricing, districts will need to use the following process:

1. Determine quantity needed and which item to be purchased.
2. Create a purchase order to Dell Marketing (Customer Agreement Number 4400002525, Contract Number WN14AGW).
3. Purchase orders should be scanned and emailed to EdTech@la.gov.
4. The Office of Technology services will submit the district purchase order to Dell under the cooperative pricing agreement.
5. Orders will be shipped and billed to the district.

Headset	Price
Plantronics .Audio 355 - Headset - full size	\$17.00
Logitech H111 STEREO HEADSET STEREO COMMUNICATION MUSIC HEADSET	\$6.96
Logitech H151 STEREO HEADSET 3.5MM JACK BLACK	\$9.64
Logitech H390 CLEARCHAT COMFORT USB	\$15.00