Early Childhood Comprehensive Assessment System

Technology Guidelines

There are three main technical components of the Early Childhood Comprehensive Assessment System: two required components for teachers and one component for children. This document includes technology guidelines specific to the required technologies for teachers:

1. The Online Reporting System (ORS): *Data collection*, *user management,* reporting, *& implementation tools (teachers & administrators)*.
The ORS is the website teachers will use to browse the assessment items and supporting materials, enter assessment scores and comments for each child, and access embedded PD, dashboards & reports. The ORS is web browser-based and any browser updated since 2011 (Chrome 30+, IE 8+, Firefox 4.0+, Safari 6.1+) will be supported.

2. The Electronic Learning Community (ELC): *The delivery platform for professional development (teachers & administrators).*
The ELC website will house the teacher professional development training modules and other PD resources. The ELC is also web browser-based and any browser updated since 2011 (Chrome 30+, IE 8+, Firefox 4.0+, Safari 6.1+) will be supported.

Hardware Specifications for ORS & ELC:

- Desktop/laptop computers- The ORS and ELC are web browser-based systems. The main delivery platform is desktop/laptop computers, PC Windows or Mac OSX. *The version of the OS is less important than the version of the browser as described above.*
- iPad and Android tablet devices- The ORS will be functional on recent generations of iPad and Android tablet devices. Depending on the device, and the size and resolution of its screen, there may be layout variations.
- Smart Phones- The ORS will not be optimized or supported for phones; however, it may be functional via the phone's browser.
- Hardware specs are determined by the browser being used. The ORS and ELC are *not* highly memory or graphics intensive and should work on any device running a supported browser (generally any computer purchased within 5 - 7 years with updated browsers).

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Other Notes:

- Local Testing: Access to the Census Administration version of the EC-CAS will be provided to local districts for testing on local hardware/software configurations as soon as possible. The specific date for a testing release will be announced in the Spring (date t.b.d.).
- Draft hardware/software requirements for the optional technology for children is available in a separate document.

Revised 12-18-2013