COMMON CORE TECHNOLOGY PROJECT UPDATE

“Helping transform teaching and learning via 21st century technology”

January 7, 2013
Information Technology Questions
Can we get information on network reliability across the district for schools that have not yet had their infrastructure upgrade?

**Network up time for all schools:**
Best estimate is 97.88 percent up time over 24 hour day – the regular school day is a little higher (maintenance during non-school hours impacts the percentage of up time)

**Top causes of network outages or delays over 2 hours at schools:**
Circuit down or equipment failures (Router, wireless controller, core switch)

**Sites outside of Phase 1 that are CCTP wireless classroom ready:** 186 sites (208 schools)
**Sites to be modernized by March 2014:** An additional 62 sites
**Sites to be modernized by June 2014:** An additional 64 sites
# Information Technology Questions

## Network bandwidth capacity CCTP schools vs. Non CCTP schools:

<table>
<thead>
<tr>
<th>School Type</th>
<th>Pre CCTP Bandwidth capacity</th>
<th>CCTP Bandwidth capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small Elementary</td>
<td>3 to 9 megs</td>
<td>50 megs</td>
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<tr>
<td>Large Elementary</td>
<td>10 to 20 megs</td>
<td>100 megs</td>
</tr>
<tr>
<td>Middle School, Small HS</td>
<td>10 to 20 megs</td>
<td>100 to 250 megs</td>
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<tr>
<td>High School</td>
<td>50 to 100 megs</td>
<td>500 megs to 1 gig</td>
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## Bandwidth usage at CCTP schools vs. Non CCTP schools:

<table>
<thead>
<tr>
<th>School Type</th>
<th>Pre CCTP Bandwidth usage*</th>
<th>CCTP Bandwidth usage*</th>
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<tbody>
<tr>
<td>Small Elementary</td>
<td>3 to 9 megs</td>
<td>25 to 50 megs</td>
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<tr>
<td>Large Elementary</td>
<td>6 to 18 megs</td>
<td>30 to 100 megs</td>
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<tr>
<td>Middle Schools, Small HS</td>
<td>10 to 20 megs</td>
<td>100 to 250 megs</td>
</tr>
<tr>
<td>High School</td>
<td>50 to 100 megs</td>
<td>150 to 250 megs</td>
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</tbody>
</table>
Information Technology Questions

Will there be IT services and help desk support available to parents at night and on weekends when the devices start going home?

We are looking at various options/models to provide traditional and “after school hours” support.
Procurement Questions
Procurement Questions

What pricing did other districts get for their devices/bundles? Was the price for content similar to that of other districts?

- We are working on collecting information from other districts
- See “LAUSD Device Procurement Survey” for full list of questions

Did anyone who reports to and is evaluated by Dr. Aquino participate in the evaluation and scoring?

One non-scoring technical advisor, Gerardo Loera, is Dr. Aquino’s direct report.
Procurement Questions

Can we see the names of all curriculum vendors?

Curriculum Providers

- Pearson
- Houghton Mifflin Harcourt
- Mind Institute
- Lexi Reading Corp
- Amplify
- Power 3000
- Discovery Education
- McGraw Hill Education
Procurement Questions

All Sub-Contractors Proposed

- Absolute Software
- Air Watch
- Ampfly
- Anytime Anywhere Learning Foundation
- Apperian
- Bell Techlogix
- Celt
- Common Sense Media
- Computer Sciences Corporation
- Connect EDU
- CREST Technologies, Inc
- Dell
- Desire2Learn
- Discovery Education
- Dynamix Software
- Edmondo
- Eset, LLC
- Google Apps 4 Education
- Hewlett Packard Co.
- High Ground Gear

- Houghton Mifflin Harcourt
- Ideal Group Inc.
- Intel Corp
- Kno
- Lenovo
- Lexi Reading Corp.
- Lightspeed Systems
- Lookout Anti-Virus
- MacProfessionals
- Microsoft Corporation
- Mind Institute
- Pearson K-12 Technology Division
- Power 3000
- SADA Systems
- Samsung Corporation
- SIGMAnet
- Sunburst Digital Education Resources
- Virtual Elementary School / Virtual High School
- Worth Avenue Group
Curriculum and Instruction Questions
Curriculum and Instruction Questions

Please provide a list of schools visited by Pearson so far this fall for the additional monthly visit (dates visited for each) and what PD was done.

161 school visits have been completed as of 12/4/13
22 future school visits are scheduled

Professional Development during the visits includes:
• Initial Meeting with the Principal
• Overview of the Pearson Common Core System of Courses
• Lesson Walk-Throughs
• Coaching Sessions
Please provide a list of schools visited by Pearson so far this fall for the additional monthly visit (dates visited for each) and what PD was done.

<table>
<thead>
<tr>
<th>School</th>
<th>Visits</th>
<th>Future Visits</th>
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</thead>
<tbody>
<tr>
<td>Broadacres ES</td>
<td>3</td>
<td></td>
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<tr>
<td>Leapwood ES</td>
<td>9</td>
<td></td>
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<tr>
<td>Cimmaron ES</td>
<td>7</td>
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<tr>
<td>Middle College HS</td>
<td>2</td>
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<tr>
<td>Chavez Learning HS</td>
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<tr>
<td>Obama Global Prep Academy</td>
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<tr>
<td>Deigo Rivera Green Design</td>
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<td>Diego Rivera Performing Art</td>
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<td>Diego Rivera Comm &amp; Tech</td>
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<td>VAAS</td>
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<td>Westport Heights ES</td>
<td>15</td>
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<tr>
<td>54th Street ES</td>
<td>10</td>
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<tr>
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<tr>
<td>Angelou Global Issues HS</td>
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<td>Nevada ES</td>
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<td>Westchester HS</td>
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<td>Annalee ES</td>
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<tr>
<td>Fleming MS</td>
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<tr>
<td>Harte Prep</td>
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<tr>
<td>Palms MS</td>
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<tr>
<td>Revere MS</td>
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<td>Woodcrest ES</td>
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<td>Baldwin Hills ES</td>
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<td>Curtiss MS</td>
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<td>Magnolia Science Academy 3</td>
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<td>Cowen ES</td>
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<td>Ocean Charter School</td>
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<tr>
<td>Muir</td>
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See Handout for full list of dates Pearson visited each school
Curriculum and Instruction Questions

Can we set up a direct feedback loop for teachers and principals to provide us with ideas and requests for the kind of training teachers and parents need?

- Teachers and principals are invited to send feedback at any time to cctp@lausd.net
- We have built a systematic process to collect feedback and data from principals and teachers regarding professional development activities at the end of every principal and teacher training. The training facilitators and organizers review the survey data. Here are sample questions from a recent CCTP principal meeting:

6. The content was aligned to the stated goals/objectives.  
7. The session helped me better understand how to meet the needs of my students.
Curriculum and Instruction Questions

When will the Pearson curriculum be 100% completed (at what point within the three-year contract)? What is the specific time frame for what units of Math and ELA Pearson Curriculum will be completed at what point for Phase 2 and 3?

Pearson curriculum is complete but LAUSD is only allowed access to the content according to the timeline promised in the contract. Second semester curriculum will be available in January 2014. Full curriculum will be available in August 2014.

Was the Pearson curriculum 100% done when we signed the contract?

- The ELA and K-8 math curriculum was fully developed but it wasn’t available in digital format for the iPad
- The California Department of Education reviewed and approved the K-8 math curriculum this year, which is available to the public as a non-digital version:
  
  http://flipbooks.pearsonschool.com/californiareview/ccsoc_for_math/
Curriculum and Instruction Questions

Can this committee or a group of teachers see the entire curriculum and say that they’ve seen it so that we can lay this question to rest? If the curriculum is complete, why can’t we see it now? If not, why not? We made the request to Pearson. Pearson will only make the curriculum available to us within the contract timeframe.

If we follow Dr. Deasy's idea of slowing this down to stay in Phase 1 a little longer, is Pearson matching our timeline, or are they matching some other timeline? Pearson content will be available based on the original contract. The full content will be available in August 2014.

At what point will the Pearson apps provide actual data so teachers know if the content is being mastered or not? In Phase 2, there will be assessments available through Schoolnet.
Curriculum and Instruction Questions

When will we get the high school math curriculum?
August 2014.

How often does the District replace curriculum?
The California Department of Education sets the calendar and cycle of adoption. Historically, the state has been on a 6 to 7 year adoption cycle for each subject.

How can we use bond funding on e-curriculum that’s essentially a textbook?
Staff has worked with bond counsel and confirmed that the bond proceeds may be used for an instructional software license of a three-year duration.

Which school staff will be assigned responsibility of managing the iPads at each school?
This is a school site decision. Each school principal is asked to designate 2 people per school such as an assistant principal, technology coordinator, teacher librarian, etc.
Curriculum and Instruction Questions

If a child is in kindergarten, does he/she have access to only kindergarten content or is there an option of working above grade level? Is it loaded on the iPad?

There are opportunities for enrichment in every lesson. As with current adopted curriculum, the intent is not to go ahead, as with independent study, but rather to go deeper within the grade level content.

How are we going to provide students with hard copies of instructional materials, if a parent opts out of allowing the iPad to come home?

Pearson will provide printable PDF math homework exercise books for students to use at home if they cannot take the device home.
Curriculum and Instruction Questions

Please provide the list of apps that were included on the iPads in Phase I, in addition to the Pearson content.
Each iPad is pre-loaded with over 25 education and productivity applications. See “CCTP Pre-Loaded Apps” Handout for complete list.

Please provide a list of apps that teachers have added during Phase I, as mentioned by Ms. Lucas.
The following are examples of apps that teachers have downloaded:
• Edmodo
• Imagine Learning (purchased by individual schools)
• CoachMyVideo
• Socrative
• ST Math (purchased by individual schools)
• Engrave
• Dropbox
Curriculum and Instruction Questions

What is the future plan for teachers being able to use apps they find on their own, without having to wait months for District approval? Also, who will pay for them: 1) for the teacher’s iPad and 2) if they need to be loaded on to each student’s iPad.

Presently, teachers use professional judgment to acquire apps based on classroom and school site needs using an LAUSD specific Apple ID. Apps may also be pushed through the MDM.

Payment is a school site decision unless the app is provided district-wide. In that case, funding would come from central.

What about parents who want to put either educational apps or apps that track usage on the iPad? Will they be allowed to? What is the process? Who will pay for that?

This is a great question/suggestion and the project team is now working to determining a process for providing parents with this ability. If parents choose to purchase paid apps in addition to the pre-loaded or free apps, they will be responsible for paying for these apps.
What else can students do on the iPad?
Students will use all tools on the device to grow as creative, collaborative, critical thinkers who manage, manipulate, and produce knowledge.

The “Pedagogy Wheel” handout lists a variety of ways students and teachers may interact with the device. All activities fit within the matrix of Bloom’s Cognitive Domains (remember/understand, apply, analyze, evaluate, and create) and the SAMR model (substitution, augmentation, modification, and redefinition).

Here are a few of the countless examples of how students may use apps in the classroom:

- Students may **collaborate and communicate** with peers and instructors (email, blogs, google docs, LMS…)
- Students use this **device as a research tool** to acquire specific, purposeful information (Google search, Brain pop, NASA, Khan Academy, Sid the Science Kid, etc.)
What else can students do on the iPad? (cont’d)

- Students use the device to **record and demonstrate knowledge** (Pages, Educreations, Popplet, Explain Everything, etc.)
- Students and teachers use **interactive whiteboards** to assess learning mid-lesson. Student work may also be saved for further evaluation (Sketchbook, Evernote, Explain Everything, Educreations)
- **Annotate and interact** with a variety of digital formats including PDF, photos, Pages documents, video, etc. to demonstrate learning (Evernote)
- Teachers may **share interactive content** with students and monitor understanding through real-time quizzes (nearpod)
What else can students do on the iPad? (cont’d)

• **Synthesize and produce knowledge** using creativity apps which allow drawing, voice and video recording, integration of various media formats, etc. (iMovie, iPhoto, Garageband, Videocasting, Storyboards, Keynote)

• **Collect and organize text** (iBooks)

• **Enhance mathematical understanding** and **problem solve** using tools, games, and specific tutorials (Pick-a-Path, GraphCalc, Khan Academy, Numbers)
Curriculum and Instruction Questions

Which school staff will be assigned responsibility of managing the iPads at each school?
This is a school site decision. Each school principal is asked to designate 2 people per school such as an assistant principal, technology coordinator, teacher librarian, etc.
Digital Library Compatibility

• Digital Library resources are web-based and compatible with multiple platforms

• Students and staff may access the DL from school without any login as long as they are on the District’s Internet Network

• Remote access with a Single Sign-On went live as of Tuesday, October 15. The remote access link can be found in the Quick Links section of the Integrated Library & Textbook Support Services (ILTSS) website (www.iltss.org)

• Most resources on the Digital Library can be emailed or saved as a PDF

• Smartphone access for fee-based websites depends on each website
How many of the resources in the district's digital library are available when the iPad uses a wireless network besides LAUSD (through general Internet access)?

All resources are available.

Go through Safari to connect to the Internet. From the ILTSS home page (www.iltss.org), click on Digital Library – Remote Access. Enter SSO. Access to all paid subscription sites.

There may be a few issues with a particular item requiring Adobe Flash but this is being worked on by the vendors. The Digital Library Free Sites link works without special remote access/SSO needed.
Digital Library Questions

Will the professional development include how to use the Destiny Library software to see what resources are available in a teacher's school library that support specific Common Core Standards?
Integrated Library and Textbook Support Services (ILTSS) provides PD for Teacher Librarians (TLs) focused on CCSS and the role of the TL and library resources. ILTSS also provides Destiny PD to schools who do not have a TL as time and resources allow.

Will iPad users be able to use the device to access the Destiny Library database, and is there a shortcut on the iPad to Destiny?
Already available for the iPad. ILTSS is working closely with ITD to make the app available via the District’s App Catalog. The TLs already know about it and are spreading the word. We are currently working on a Widget (shortcut) to be added to the App Catalog for the Digital Library.
Digital Library Questions

How are librarians and librarian aides integrated into this digital library network and CCTP?
Teacher Librarians are credentialed teachers. The focus of PD for Teacher Librarians has been on the Common Core and technology (instructional resources such as the Digital Library and appropriate Apps) to help Teacher Librarians better lead the Common Core efforts at their schools. As teachers, they teach students and colleagues how to use available resources. When funding is available at the school site, they also purchase appropriate resources to further enhance the materials available.

Library Aides are classified staff much like education and instructional aides. They do not teach but they assist teachers and students.

How many books can be downloaded onto an iPad at one time within the available storage?
This varies based on how large the books are and how many other apps are installed on the device. Some books may download chapters at a time which allows users to fit many more books onto a device than if they had to download the entire copy at one time.
Digital Library Questions

Are we transitioning to eBooks that will be accessible for all students in the District? If so, how? Is there money put aside?
ILTSS is actively researching such a possibility at the District level. Unfortunately, universal access to such a library is not yet available. There currently is no funding set aside for such a library if appropriate access could be negotiated. Further, there is no funding identified for the renewal (and expansion) of the current Digital Library subscriptions.

Is the District going to work with the LA public library system to provide students with access to free digital resources?
ILTSS and the Los Angeles Public Library have already started sharing information. ILTSS staff presented at a meeting of the Young Adult LAPL librarians with a focus on what resources and apps to support Common Core had been shared to date with the District’s Teacher Librarians. There will be a joint meeting of both sets of librarians in March. One of the LAPL librarians commented that the District’s Digital Library of subscription and free sites was “richer” than the LAPL one.
What is the testing schedule--what month is the first test? Which classes are going to take it first?

- The SBAC Field Test window opens on March 18 and closes on June 6, but CDE is going to assign schools a shorter window within the entire set of 51 days.
- All LAUSD students in grades 3-8 and 11—along with a small sample of students in grades 9 and 10—will participate in the Field Test for both Math and ELA. Administered online, the Field Test will closely resemble the summative assessment that students will participate in during the spring of 2015.
- Because the Field Test is a “test of the test,” students will not receive scores.
Safety and Students’ Responsibilities

Please provide the full communication strategy around on-line bullying and hacking, targeted for different levels.

The project will facilitate digital citizenship training for principals and leadership team members. Leadership teams will facilitate this training at school sites. District policy currently exists around bullying of any nature including cyber bullying (see Bulletins 1038.1, 5181.2, and 5212.1).

The CCTP instructional team is working with School Operations to align CCTP discipline issues to current district policies. Instead of creating new discipline policies for issues related to CCTP, we will leverage the existing policies and discipline matrix.

Please provide the revised the acceptable use policies.

The acceptable use policy has not been changed.
Safety and Students’ Responsibilities

Please provide a copy of the new Progressive Discipline Plan. Based on Ed Code requirements, LAUSD’s discipline plan (see Bulletin 3638.0) applies to all student behaviors, including use of technology. The CCTP team is creating an intervention matrix and school memo to provide guidance to schools – a draft will be ready in December.

Please provide the “disciplinary action matrix” referenced in the informative sent out by Mr. Matt Hill and Mr. Chandler dated September 24th, 2013. After drafting a separate matrix, the CCTP team determined that LAUSD’s discipline plan applies to all student behaviors, including use of technology.

What are the plans for what will be done with the iPads while kids are at after-school activities and when they're moving into a class where they're not going to use the iPad: where are they expected to store it? If this is a “local control” issue, what recommendations is the District giving? This is determined locally because each campus, school site, grade level is slightly different and schools must find what works best for them.
What is the District's plan in terms of parent education?

• Parent training is provided by school staff. Training focuses on:
  – the rationale for transition to CCSS
  – shift in culture and expectations for students
  – how use of technology supports improved student learning
  – how parents can reinforce learning at home with the device
  – digital and other resources for support (apps, websites, school contact person)

• Training will be provided by PCSB to District parent committees
Parent Education Questions

Please provide information on the needs assessment you are doing to see what PD parents need (what questions are being asked; where is it being done; by whom, etc)

- We are customizing parent training for specific needs
  - Parents want differentiated training based on:
    - needs of specific student by level: elementary, middle and high school
    - other student-specific needs: Special Education, English Learner, gifted
    - parent familiarity with technology
    - parent familiarity with digital citizenship and internet safety
- We will convene a focus group of parents to provide feedback on Common Core Technology Plan and on training modules
- Schools will receive toolkits for conducting needs assessments and providing differentiated parent training
Parent Responsibility Questions

Please provide any information you have on what the school did that got to the 99 percent of parents returning acknowledgement forms.

The principal and teachers were extremely pro-active and communicative with their students and their families about the value of the program. The school used a variety of outreach methods including Connect-Ed, written and online communication, and in-person meetings.

Please clarify the parental acknowledgement form. It still seems to indicate that parents can be held financially liable, while District staff has stated orally that parents will not be financially responsible for lost or stolen.

Students and parents are only financially liable in the case of willful neglect.