Amplifying Student Potential With Tablets & Chromebooks

Content provided by Google for Education
CCSD 59 shares their results with Tablets & Chromebooks in the classroom

December 17, 2014
2 PM ET

James Leonard, Regional Program Manager, Google Education

Ben Grey, Assistant Superintendent for Innovative Learning & Communication, CCSD 59
TECHNOLOGY AMPLIFIES HUMAN POTENTIAL
"THINK OF COMPUTERS AS MEDIATORS BETWEEN KIDS AND IDEAS."

- SEYMOUR PAPERT
To view full page timeline, click here.

Innovative Learning Implementation Timeline

This is the ongoing story of the implementation of innovative learning in CCSD59. The process began in January of 2014 with the convening of a technology committee to explore how we can leverage technology to amplify student learning. Our journey continues to move forward, and you can see the progress of our work in the following timeline.

ccsd59.org/ilc
TECHNOLOGY COMMITTEE PROCESS
OUR ESTABLISHED DRIVERS
LITERACY
NUMERACY
COLLABORATION
COMMUNICATION
CRITICAL THINKING
CREATIVITY
GLOBAL AWARENESS
CITIZENSHIP
Laptop vs. Chromebook
Tablet Ability Activity
Web Access Tool for 4C Learning
eReader Quality Screen Camera Video App Access Organizational Tools Calculator Management Ease

What do we want students to be able to do with their tablet?

- Take/edit video and pictures
- Locate information from a variety of sources & evaluate it
- Create tutorials to teach other students & display learning
- Communicate with students in other classes & schools
- Electronic portfolios
- Using engaging materials that teach students in new ways - they can choose their own paths for learning
- View tutorials for reteaching purposes (Kahn Academy)
- Educational Apps for practice
- screencasting
- accessible for all learning opportunities
- Read
- Multimedia (Photo, Video, Creative)
- create original content
- Organizational tool for assignments/calendar
- Communicate
- Share
- Collaborate
- Create
- management friendly for the classroom teacher
- 4 c's collaborate, communicate with video, pics, etc.
- Critical thinking
- Creativity
- Access to educational apps
- Listening to reading, reading/recording aloud (ORF)
- IEP students will have access to more resources
- QR codes
- Portfolios
- Flip classroom
- Can you print from tablets???
- Personalize learning
- Transfer learning
- Apply, analyze, synthesize, and evaluate their learning
- Online testing
- Graphs, tables, charts, etc.
- Calculator
- Stickies
- Drawing
- Slideshows
- Face-to-Face learning
- Music creation
- Calculator applications that would replace calculators
- Flashdrive or Cloud
- Create written reports
Take a field trip to outer space

Plan a class outing to see INTERSTELLAR, then explore the concepts behind the film with teacher-created lesson plans.

Content Creation Android Apps for Students of All Ages

Challenge your students to explain what they've learned

- Explain Everything
- Book Creator
- WeVideo - Video Editor
- Comic Strip It! Pro
OUR ADOPTED SOLUTION:
K2 STUDENTS - NEXUS 7
3-8 STUDENTS - NEXUS 7 & CHROMEBOOK
STAFF - NEXUS 7 & LAPTOP
STUDENT AFFORDANCES
WE ARE #FUTUREREADY

#FUTUREREADY

WATCH VIDEO
60%
Prepare students for jobs that don’t yet exist
Connecting and discovering in ways we never thought possible
“Going Google means adopting a culture that extends beyond the classroom walls: it’s about openness, curiosity, and working together.”

– Jim Sill
Educator & Trainer
Visalia, California

Empowerment
Discover a world of infinite resources

Choice
Use the right device, anytime anywhere

Teamwork
Work together in real-time

Scalability
Affordable and easy to manage
Access to digital content empowers students and gives teachers the tools for individualized learning.
Seamless and secure access across multiple devices gives students, teachers and administrators choice
Students and teachers use Google Apps for writing across multiple devices, so they can work together anytime, anywhere.
Manage 4 devices or 40,000 all from a web browser
Google Apps for Education core services (for free)

- **GMail**: Keep everything and find it fast with search
- **Calendar**: Share schedules and calendars instantly
- **Groups**: Create and work in teams easily
- **Sites**: Make and manage your own sites
- **Drive**: Collaborate as you create
- **Classroom**: Send assignments and communicate with ease
- **Talk/Hangouts**: Text chat and group video calling for up to 15 people

40 million students, teachers, and staff use Google Apps for Education
$0
Chromebooks for Education

Get to lessons faster
Same experience everywhere
Easy to share
Safe and secure
A choice of devices that are at home in the classroom
Admin console for Google Apps

Centralized cloud-based management
Create & manage users
Create organizational units
Enable/disable certain Google Apps & adjust settings
Tablets with Google Play for Education
Designed for learning, made for the classroom

It’s never been easier to…
▪ Deploy
▪ Discover
▪ Deliver…
Teaching & learning resources
Pick the tablet that’s right for your students

- Nexus 7
- Samsung Galaxy Tab 4 Education
- ASUS Transformer Pad
- HP Slate 8 Pro
Each tablet supports personalized access for up to 5 students

- **Explore the full potential** of tablets in the classroom *before* deciding to invest in 1:1

- **Use the same tablets across multiple classes**, adding up to 5 unique student accounts to a single device

- **Each student gets personalized access** to their Google Apps, Docs, and the content shared with them through Google Play for Education.
Go easy on the IT department with simpler set-up and management

Set up a classroom in minutes
Choose from thousands of educator-approved apps
Rent K–12 books, from classic literature to recent textbooks

Find books on Google Play for Education

Students can start reading on a tablet

And continue from any web browser

Publishers include:
Classroom gives teachers more time to teach & students more time to learn

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Create &amp; collect</td>
<td>Assign Google Docs and automatically create a copy for each student. Students can turn in work directly from Docs.</td>
</tr>
<tr>
<td>collect assignments</td>
<td></td>
</tr>
<tr>
<td>Improve communication</td>
<td>Teachers can make announcements, start discussions and comment with students real time.</td>
</tr>
<tr>
<td>Stay organized</td>
<td>Classroom automatically organizes assignments in Drive folders. Students can see what’s due on the assignments page.</td>
</tr>
</tbody>
</table>