Chromebooks as the catalyst for change in Edmonton Public Schools

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60%
Prepare students for jobs that don’t yet exist
Connecting and discovering in ways we never thought possible
Learning for everyone, anywhere
“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
Open technology can help transform education

Platform | Devices | Content
Classrooms have not changed much in 70 years

**Past**

Research technology

**Present**

Classrooms
Google Apps are free web-based email and collaboration tools
Google Apps core services

Drive
Collaborate as you create

Calendar
Share schedules and calendars instantly

GMail
Keep everything and find it fast with search

Groups
Create and work in teams easily

Talk
IM and video chat as easy as email

Sites
Make and manage your own sites
30 million students, teachers, and staff use Google Apps for Education
Admin console for Google Apps

Centralized cloud-based management
Create & manage users
Create organizational units
Enable/disable certain Google Apps & adjust settings
Chromebooks for Education

Get to lessons faster
Same experience everywhere
Easy to share
Safe and secure
Benefits of Chromebooks for Education

Easy set-up and management
- Manage 10 or 10,000 Chromebooks with ease
- Web-based management console makes it easy for schools to configure and manage a set of Chromebooks

Classroom impact
- Battery that lasts the school day
- Devices boot up in 8 seconds
- Access to a world of information
- Google Apps allow students to collaborate

Affordability
- Devices starting at just $279
- Low cost of management at only $30
Easy set-up and management

**Seamless setup**
Touchless deployment and personalization of devices & user experience.

**Admin console**
Organize and manage device settings & policies from one web-page.
Devices that are at home in the classroom
We offer a range of affordable Chromebooks

- Samsung Chromebook
- HP Chromebook 11
- Lenovo ThinkPad
- Acer C7
- HP Pavilion
The Google admin console
Scalable cloud-based management of Chromebooks

Security built in
Forever fresh
Proxy filters
Disable guest access
Kiosk mode
PARCC and smarter balance compliant
Content: the Chrome Web Store
Chrome Apps Packs feature popular apps by grade level
Private app collections

Recommend curated apps

Exclusive collection “for your domain”

Default landing page

Hosts public apps and private apps
Bulk app management in the admin panel

Bulk pre-install apps to user groups via the admin panel
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
Benefits of tablets with Google Play for Education

**Deployment**
- With devices starting at $229, 1:1 is affordable
- With NFC configuration, simply touch tablet to tablet to set up a classroom of devices in minutes
- Students sign in with Google Apps for Education logins

**Discovery**
- In Google Play for Education browse for apps approved for teachers by teachers or search 1 million apps in the full catalogue
- Filter by grade, subject, or education standard (incl. Common Core)
- Also discover videos from approved education YouTube channels

**Delivery**
- Purchase with POs (no credit cards required)
- Deploy apps to 1 student, 1 class, or 1 district via the cloud with just a few clicks
<table>
<thead>
<tr>
<th></th>
<th>Nexus 7</th>
<th>HP Slate 8 Pro</th>
<th>ASUS Transformer Pad</th>
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<tbody>
<tr>
<td><strong>Availability</strong></td>
<td>Immediately</td>
<td>Early 2014</td>
<td>Early 2014</td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td>7 inches</td>
<td>8 inches</td>
<td>10.1 inches</td>
</tr>
<tr>
<td><strong>Camera</strong></td>
<td>Front &amp; rear camera</td>
<td>Front &amp; rear camera</td>
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<tr>
<td><strong>Starts at</strong></td>
<td>$229</td>
<td>$TBC</td>
<td>$249 + $70 Asus Mobile Dock (w/ keyboard)</td>
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Two steps for IT admin before device setup

Before device set-up, the IT administrator must first do two steps:

1. Set up Google Apps for Education for their school, including Google Groups for sets of students.
2. Create a Google Spreadsheet of student usernames and passwords in the Google Drive folder of the admin account.
Admin console for tablets

- Device policy for students only!
- Lock settings on tablets
- Block apps on tablets
Set up an entire classroom of tablets in minutes
Google Play for Education
Content that inspires

Discover a range of content in Google Play for Education

Browse EDU-approved apps by grade, subject, and standard

Identify apps approved for teachers by teachers

Use POs where payment is required, and deploy apps instantly
Filter to find EDU-approved apps by subject, grade, and standard

Grade level, free or paid
Select the subject
Common core standards
Use the search bar to search over 1 million apps in all of Google Play
Identify educator approved apps by the yellow badges

**EDU** signifies that this app was approved by educators who reviewed app quality.

**IN APP FREE** means that the app does not allow in-app purchases.

**AD FREE** shows that the app does not contain ads.
Purchase a set of apps with a PO and deploy to tablets instantly

Update the quantity... ...and the price updates
Also discover videos from approved YouTube EDU K–12 channels
“75 apps for your class” helps you find top tools for students

Visit goo.gl/pG9DVT to access it
Chromebooks as a Catalyst for change in EPSB

Terry Korte
Technology Integration Coordinator
District Technology
@tkorte
The Alberta Context

LESS
Focused on the school
Centred on the system
Focused on content
Technology to support teaching

MORE
Focused on education
Centred on the learner
Building competencies
Technology to support the creation and sharing of knowledge
Introducing Chromebooks in EPSB

A Sample Plan

To successfully implement the student portal, our pilot project has shown that you should:

1. Develop a technology plan, include future plans to implement wireless technology, allow for student-owned devices, and other technologies to support teaching and learning.
   - Work with District Technology consultants through your ITS Technicians to develop a plan.
   - SchoolZones and Google Apps in a consistent manner with all staff.
   - Significant contributions in terms of professional development time to introduce Google Apps for staff and students.
   - Create a Google Apps Professional Learning

2. Appropriate bandwidth to support Google Apps at a school level. Discuss this with your ITS Technicians as part of your technology plan.

3. Google Apps and SchoolZones are available to schools at no cost, there is no fee lunch. You'll need to address this fee as well as bandwidth at your school to make this a successful implementation.

See details for all of these areas in the plan and links below.

<table>
<thead>
<tr>
<th>Action Item</th>
<th>Details</th>
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<tr>
<td>Access to site and resources</td>
<td>Identify lead teachers at your school (you're probably one of them) and use this link to make sure they have access to everything on this site</td>
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<tr>
<td>Lead Teacher</td>
<td>Choose at least one lead teacher from your school to register in the EPSB Google Apps Community of practice. Initiate lead teachers who have registered at the right. If this is going to be part of your school PI plan with your grouping, then the principal should register as well. You can reactivate.</td>
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</table>
Introducing Chromebooks in EPSB
Deployment
Deployment

1. Open lid
2. Enter Share email & password
3. Sign in

Search “EPSB Chromebook help” on Google for troubleshooting tips and getting started videos.
Deployment

This Quest A+ tile will appear along with any other User's tiles who sign into this Chromebook.

Click on +Add user to sign in with your EPSB email account and password.
Management
Student Start Page
Deployed to all Chromebooks

EDMONTON PUBLIC SCHOOLS GOOGLE APPS FOR EDUCATION

ACCESS & PRIVACY
Resources in EPS Google Apps are only available to authenticated staff and student users. Users can explicitly make specific sites and documents public, accessible to anyone as with any web resource. Users are responsible for their content. See the Privacy Matters link and your Dashboard for more information.

GRADUATING OR LEAVING EPSB? BACK-UP OR EXPORT YOUR GOOGLE APPS
If you’re leaving the district, or simply wish to back-up your files, see the instructions for taking your stuff with you. If you’re returning to EPS in the fall, your Google stuff will be here waiting for you.

WHAT’S NEW?
New login screen! You can also now upload VIDEO to your Google Drive. We’ve added GOORU under the More menu (black bar at the top) for testing. For more of what’s new with Google Apps, see the Official Google Apps Blog. Also see: Bookmarks | Create | Reader | sabotager

SchoolZONE
Check your homework, view schedule, school news, hand-in work, and more.

 Edwards Public Schools and Google know that Privacy Matters.

Report Site Activity | Report Abuse | Print Page | Remove Access | Powered by: Google Sites
Teaching & Learning
Questions