A Curriculum-First Approach to TECHNOLOGY AND THE WEB

Del Mar Union School District's Technology Journey

Content provided by Google in Education
A Curriculum First Approach to Technology & the Web

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Angela Mecca, Google in Education Team
Mike Casey, Director of Technology, Del Mar Union School District
Agenda

• Technology in Education

• Google in Education and Learning on the Web

• Del Mar Union School District

• Questions and more information
The Web as a learning platform
Why the web?

- Allows for dynamic learning environments....
- ...engages stakeholders across locations, devices....
- ...and prepares students for future careers
Think about what we do today on the web every sixty seconds
The web isn't new to this generation
A Sunday on La Grande Jatte --...

Georges Seurat (1884 - 1886)
Engaging with all stakeholders: parents, community, and other leaders; locally and globally
Helping students meet the shifting needs of the 21st century:

- Local
- Alone
- Consume
- Specific time

- Global
- Together
- Create
- Anytime, anywhere
… and be prepared for the workplace of today and tomorrow
Google in Education
Offering for Schools
Open technology to improve learning for everyone, everywhere
“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

INFORMATION
Discover a world of infinite resources

ACCESS
Use the right device, anytime anywhere

COLLABORATION
Work together in real-time

SCALE
Democratize affordable solutions
Google in Education

Platform

Apps & Content

Devices
Google Apps for Education

**GMail**  
*Keep everything and find it fast with search.*

**Talk**  
*IM and video chat as easy as email.*

**Groups**  
*Create and work in teams easily.*

**Calendar**  
*Share schedules and calendars instantly.*

**Drive**  
*Collaborate as you create. Docs, Sheets, Slides*

**Sites**  
*Make and manage your own sites.*
students, teachers, and staff use Google Apps for Education
Collaborate real-time for writing and feedback
Chrome Web Store
Google in Education

Platform

Google Apps

Apps & Content

Devices
Perfect fit for the classroom

- Get to lessons faster
- Same experience everywhere
- Easy to share (or not)
- No viruses or need for (re)imaging
The Google Admin Console: For scaling and managing Chromebooks

- Centralized cloud-based management
- Security built in
- Forever fresh
- Customized learning experience
Google Chromebooks for Education

HP Chromebook 11

Lenovo ThinkPad

HP Pavilion

Samsung Chromebook

Acer C7
Chromebooks

<table>
<thead>
<tr>
<th>Device</th>
<th>Price</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Samsung Chromebook</td>
<td>$279¹</td>
<td>11.6&quot; (1366x768) HD display, 2.5 lbs/1.1 kg, up to 6.5 hours of battery,</td>
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<tr>
<td>Lenovo Thinkpad Chromebook</td>
<td>$429¹</td>
<td>11.6&quot; (1366x768) HD display, 3.9 lbs/1.8 kg, up to 6.5 hours of battery,</td>
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<tr>
<td>Acer C7 Chromebook</td>
<td>$289.99¹</td>
<td>11.6&quot; (1366x768) HD display, 3.0 lbs/1.4 kg, up to 7 hours of battery,</td>
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<tr>
<td>HP Pavilion Chromebook</td>
<td>$359.99¹</td>
<td>14&quot; (1366x768) HD display, 3.9 lbs/1.8 kg, up to 4.25 hours of battery,</td>
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<tr>
<td>HP Chromebook 11</td>
<td>$309¹</td>
<td>11.6&quot; (1366 x 768) display, 2.3 lbs/1.04kg, up to 6 hours of battery,</td>
</tr>
</tbody>
</table>

¹ Price includes management fee
Introducing Del Mar Union School District

Mike Casey
Director of Technology
Del Mar Union School District Overview

- Suburban school in California near San Diego
- 4000 students
- Eight Elementary schools
A Curriculum Approach to Technology Integration
Strategic Plan

Curriculum Focus -- 3 Core Areas

- Education Program
- Technology
- Professional Learning
Our Initiative

Focus on Curriculum Initiatives, not Technology Initiatives
Transformed Student Learning

Transformed Classroom Instruction

Transformed Professional Learning
Laser Focus and Commitment

- Common Core State Standards
- Writing
- Professional Learning Model
  - Writing
  - Technology
  - 21st Century Skills
Professional Learning

- 40 Hours/teacher ($1000/teacher)
  - Summer
  - Substitutes for Peer Observation/Collaboration
  - Conferences
Tools to Support our Curriculum Focus

Goals of the Initiative

• Attain **district academic goals**, which included maximizing the achievement of learning goals for 21st century skills, through the appropriate use of technology and media-rich resources. (Initial focus area will be written communications)

• Provide access for meaningful, rigorous **student-centric learning experiences** for every student.
Tools to Support our Curriculum Focus

Goals continued

• Utilize high-quality educational software effectively as an integral and engaging part of the curriculum

• Develop a plan for district-wide ongoing professional learning for teachers in technology fluency and integration to ensure a full, successful implementation

• Provide a managed technical environment that ensures the safe delivery of resources to students
Tools to Support our Curriculum Focus

Google Apps

- Writing Process
- Collaboration
- Sharing
- Teacher and peer comments
- Publishing
- Presentations
- Spreadsheets
- Communication
Tools to Support our Curriculum Focus

- Prezi
- Floor Planner
- Edmodo
- Glogster
- Quizlet
Chromebooks

• Tool to evaluate technologies
  o Cost
  o Ease of Use
  o IT Support
  o Functionality with Google Apps

• Wireless Infrastructure
Technologies to Support our Initiative

- UMRA (tools4ever)
- Hapara - Teacher Desktop, Remote Access
- Backupify
Our Philosophy

"One-to-One is not about the ratio of devices to students. It's about the interactions a teacher has with each student and students have with each other."
Questions?

Mike Casey

• Director of Technology
• mcasey@dmusd.org
Google in Education

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Google Apps

Apps & Content

Devices

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- Centralized cloud-based management
- Security built in
- Forever fresh
- Customized experience
Admin Console License

• $30/device, one time fee
• Scaleable management of privacy and security controls
• Customized experience for your users
Web-based applications
Connect with other educators

Web Resources
• Training center:  
  http://edutraining.googleapps.com/
• Guide to Going Google

Events
• Summits, webinars, and hangouts
• Calendar:  http://www.google.com/edu/news-calendar.html

Programs
• Google Apps Certified Trainer Program
• Google Teacher Academy
Opportunities to Learn More

Hangouts on Air
- Watch past hangouts: sites.google.com/site/eduonair/
- Follow Google in EDU on Google+

Recorded Hangouts and Webinars
- Watch recorded webinars: youtube.com/user/eduatgoogle

Talk with a Google Team Member
- Visit our website, chromebooks.com/edu
- Click on "contact sales"