Announcement

Implementation Timeline

**Phase I**
- **Education**

- April 14, 2021: New SKUs & pricing
  - Updated SKUs ready

**Phase II**
- **Action**

- July '22: Enforcement for all Edu customers

**Phase III**
- **Enforcement**

**February 17, 2021:** Learning with Google
- Execute rebrand & brand moment
- Pre-announce new SKUs and Drive storage changes

**Q4 '21:** Pooled storage launch expected*
- Admin tooling launched alongside pooled storage
Rebranding (now)

• G Suite for Education -> Google Workspace for Education
  • There will be new templates, graphics, descriptions to reflect this change
  • Rebranding will occur across knowledge base articles, service catalog entries, and websites

On October 6, G Suite changed their name to Google Workspace, introducing new messaging, new product icons and a new communications product experience.
# New SKUs (Q2 2021)

<table>
<thead>
<tr>
<th>Available now¹</th>
<th>Available for purchase soon</th>
<th>Available for purchase soon</th>
<th>Available now²</th>
</tr>
</thead>
</table>
| **Google Workspace for Education Fundamentals**  
(Formerly known as G Suite for Education)  
Bring your school community together with a free suite of tools that enable better communication and collaboration. | **Google Workspace for Education Standard**  
Level up with advanced security, analytics, and controls to safeguard against evolving digital threats.  
**Free** for qualifying institutions¹ | **Teaching and Learning Upgrade**  
Enhance instructional impact with advanced video communication, enriched class experiences, and tools to drive academic integrity.  
$4 / license / month | **Google Workspace for Education Plus**  
(Formerly known as G Suite Enterprise for Education)  
Transform your school with a comprehensive solution incorporating advanced security and analytics, enhanced teaching and learning tools, and more.  
$5 / student / year² |

- **Must cover all students**
- **Student pop:** ~36,383 students (based on IPEDS)
- **We are currently here**
# New SKU (features)

<table>
<thead>
<tr>
<th>Google Workspace for Education Fundamentals</th>
<th>Google Workspace for Education Standard</th>
<th>Teaching and Learning Upgrade</th>
<th>Google Workspace for Education Plus</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Free</strong> for qualifying institutions(^1)</td>
<td><strong>$3 / student / year</strong></td>
<td><strong>$4 / license / month</strong></td>
<td><strong>$5 / student / year</strong>(^2)</td>
</tr>
<tr>
<td>Includes essential education tools and features like:</td>
<td>Includes everything in Education Fundamentals, as well as:</td>
<td>Includes everything in Education Fundamentals, as well as:</td>
<td>Includes everything in Education Standard and the Teaching and Learning Upgrade, as well as:</td>
</tr>
<tr>
<td>✔️ Collaboration tools including Classroom, Docs, Sheets, Slides, Forms, and more</td>
<td>✔️ Security center to proactively prevent, detect, and remediate threats</td>
<td>✔️ Meetings with up to 250 participants and live streams with up to 10,000 in-domain viewers using Google Meet</td>
<td>✔️ Live streams with up to 100,000 in-domain viewers using Google Meet</td>
</tr>
<tr>
<td>✔️ Communication tools including Google Meet, Gmail, and Chat</td>
<td>✔️ Advanced device and app management to perform audits and enforce security and app access rules</td>
<td>✔️ Premium engagement features in Google Meet including interactive Q&amp;As, polls, breakout rooms, and more</td>
<td>✔️ Sync rosters directly to Classroom from any Student Information System</td>
</tr>
<tr>
<td>✔️ Data loss prevention for Gmail and Drive</td>
<td>✔️ Gmail log and Classroom log export for insights and analysis in BigQuery</td>
<td>✔️ Classroom add-ons to directly integrate your favorite tools and content</td>
<td>✔️ Personalized Cloud Search for your domain to make information accessible and easy to find</td>
</tr>
<tr>
<td>✔️ Can be used in compliance with FERPA, COPPA and GDPR</td>
<td>✔️ Audit logs for Drive, devices, LDAP, and more to track usage across your domain</td>
<td>✔️ Unlimited originality reports and the ability to check for peer matches across a private repository of past student work</td>
<td>✔️ Faster response times from a support team of product specialists</td>
</tr>
</tbody>
</table>

NOTE: Every 4 student licenses gives us 1 faculty license. (not T&L)
<table>
<thead>
<tr>
<th>SKU Type</th>
<th>Storage Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Education Fundamentals</strong></td>
<td>100 TB of pooled Cloud storage shared by your organization</td>
</tr>
<tr>
<td><strong>Teaching &amp; Learning Upgrade</strong></td>
<td>Same storage as Education Fundamentals, plus 100 GB added to the shared pool for each license</td>
</tr>
<tr>
<td><strong>Education Standard</strong></td>
<td>Same storage as Education Fundamentals</td>
</tr>
<tr>
<td><strong>Education Plus</strong></td>
<td>Same storage as Education Fundamentals, plus 20 GB added to the shared pool for each license</td>
</tr>
</tbody>
</table>

**Other details:**
- Will not impact >99% of customers
- Enforcement in July ‘22 after grace period
- Domains with >20K enrollment can request an increase in pooled storage to 5GB / student & FTE or active user
Pooled storage (Q4 2021)

• Pooled storage
  • Introduce shift from no quota to pooled storage model
  • Including new admin tools to manage storage quotas
  • This storage quota applies to Gmail, Drive, Shared Drives, and Photos
  • Google has indicated that once reaching the quota you are unable to use the service
    • Open question around whether email will still deliver to mailbox?

• Best case total pooled storage for VT (if still on EF)
  • Base storage allocation of 100 TB
  • Add total number of “active” users within the tenant (Google says 103,248)
    • Give us additional 550 TB
  • So at best, at EF, our total pooled storage = 650 TB
Pooled storage (current)

- Current storage utilization
  - Around 5.8 PB right now
    - Which is 5,939 TBs
  - Current storage growth rate @ ~2 PB/yr

- A few users are consuming most of the total space
  - 2.4% of users consume 85% of storage

Note: Users includes GAEs
Thoughts (constituents)

- Who has VT Google accounts?
  - ~195k accounts right now (lookup)
    - Current account growth rate @ ~13k/yr

<table>
<thead>
<tr>
<th>Role</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>alumni (affl)</td>
<td>109,572</td>
</tr>
<tr>
<td>retirees (affl)</td>
<td>2,085</td>
</tr>
<tr>
<td>students (IPED)</td>
<td>36,383</td>
</tr>
<tr>
<td>F$ FTE (IPED)</td>
<td>2,928</td>
</tr>
<tr>
<td>Other</td>
<td>44,032</td>
</tr>
</tbody>
</table>

- Action items
  - Review how Google accounts are provisioned and deprovisioned
  - Develop standardization on constituent identification
  - Cleanup as necessary
Next steps

• CCS communication explaining Google changes (in general)
• DCSS presentation explaining Google changes (more specifics)
• Google Workplace program
  • Steering Committee charter
  • Projects
    • Analysis and cleanup
    • Licensing and service options
  • Deliverables
    • Action items
• Google Workplace information website
  • https://it.vt.edu/projects/GoogleWorkspace.html
  • Definitive “source of truth” for this project
Reminder

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Google Workplace Update

Info, thoughts, next steps

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CCS (Collaborative Computing Solutions)