



EDUGeek & Google for Education

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 for Education

G Suite Admin Best Practices

EDUGeek Edit conference



Login to your Chromebook

Username:

[admin#@yourcloudschool.org](#)

(where # is the number I give you)

Password: roadshow

Complete the Form and find our Google Classroom



Quick Warm-up

What type of school are you from?

On a scale of 1-5, rate your technical knowledge of Google for Education tools like G Suite Admin and Chromebooks...



Welcome to Classroom

What's one thing that you hope to learn more about in this session?



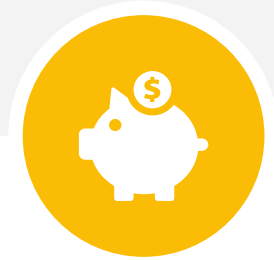
Admin Console

How we build tools...

Google for Education



Easy



Affordable



Versatile



Impactful

The Google for Education solution



G Suite for
Education



Device
Management



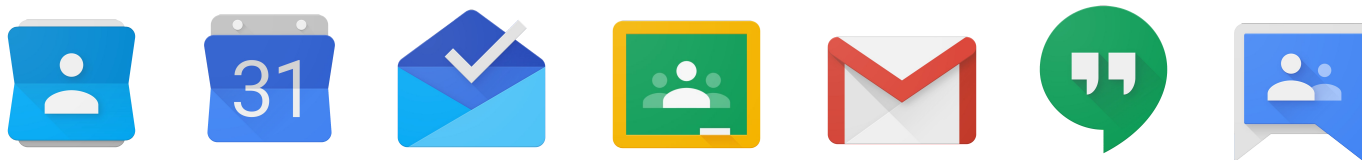
Chromebooks
for Education



Content



Collaboration



Communication



Access



Compliance

“G Suite is free, easy to use, works with the school’s existing software, and offers platform neutrality.”

Terry Korte, Technology Integration Planning Coordinator, Edmonton Public Schools



Free to schools



Free 24/7 support



Best-in-class security

Google Classroom in action

“Google Classroom has been transformational, enabling students to learn wherever they are. With [G Suite], 4,000 students and teachers are active every day, a dramatic increase from 200 students two years ago.”

Paul Rabone, *Professor of Electrical Construction & Rugby at Warwickshire College Group*



Rugged & Affordable



Lenovo N23 Chromebook



Acer Chromebook 11 (C731)



Asus Chromebook C202



HP Chromebook 11
G5 EE



Dell Chromebook 11 (3180)

Google for Education

Larger Screen & More Performance



Lenovo N42
Chromebook



HP Chromebook 14 G4



Lenovo 11e
Chromebook (4th Gen)



Acer Chromebook 11
(C740)



Dell Chromebook 13 (3380)

Convertibles built for Education



Lenovo N23 Yoga Chromebook

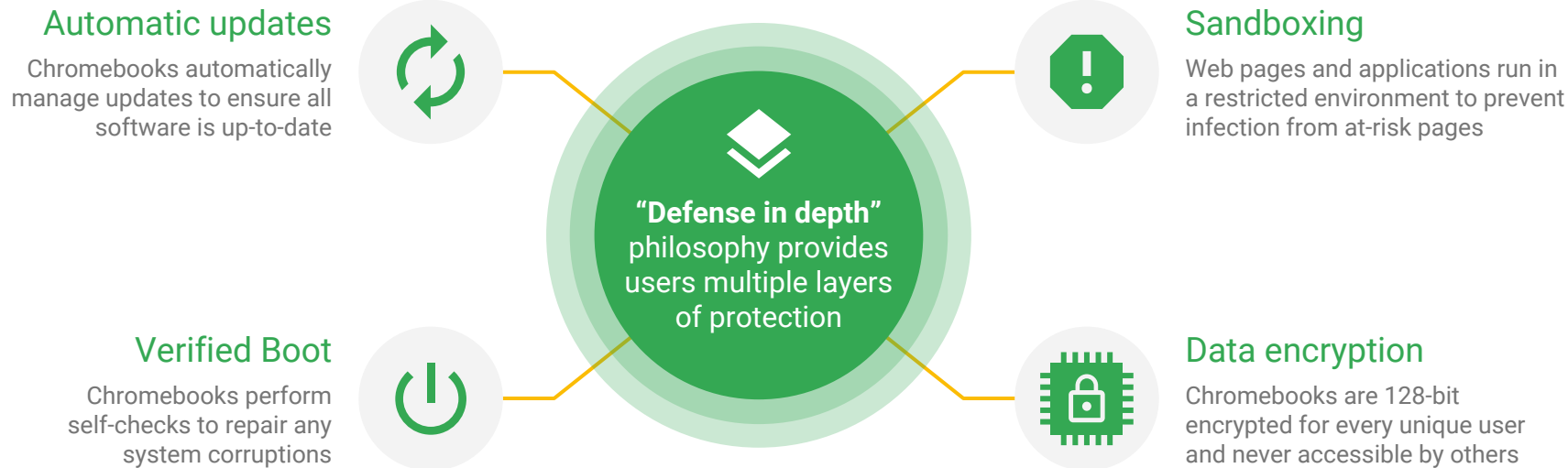


Lenovo 11e Yoga Chromebook (4th Gen)



Dell Chromebook 11 Convertible (3189)

Chromebook security features



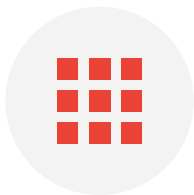
How do I manage technology at scale?

A simple cloud management console and 24/7 support for £19 per device



Restrict sign in & Lock devices

Students can only sign in
with domain accounts



Push apps and extensions

To your domain or sets
of users



Enforce policies

Google Safe Search and
YouTube Restricted
Mode keep kids safe



Administer tests at scale

Set up devices remotely
as kiosks for exams



[Calculate your
cost savings](#)

Calculate your total cost of ownership



61% 3-year lower TCO than
alternate PCs & tablets



68% Reduction in staff time
needed to manage devices

52

teacher hours saved/year

90%

less labor to support

99.9%

uptime

329%

return on investment

\$0

cost per user

Source: [2015 IDC Whitepaper](#)

Hands on with Google Admin

Users, OUs, & Syncing

Controlling Google Services

Vault

Chrome - User & Device settings

Additional Services

Classroom Assignment:

What are the ways in which to
integrate G Suite into Current
Systems?

User Provisioning Options

Method	Phase	Staff	Notes
Manual Provisioning	Pilot	G Suite Admin	Easiest method, but not scalable
CSV Upload (Admin Console)	Core IT	G Suite Admin	More flexibility than manual, but not scalable
Google Cloud Directory Sync	Early Adopter Global Go-Live	LDAP Admin	Integrates with LDAP, scalable, requires no programming
Admin SDK Directory API		LDAP Admin, Development Staff	Scalable, flexible, requires in-depth programming



RM™ Unify



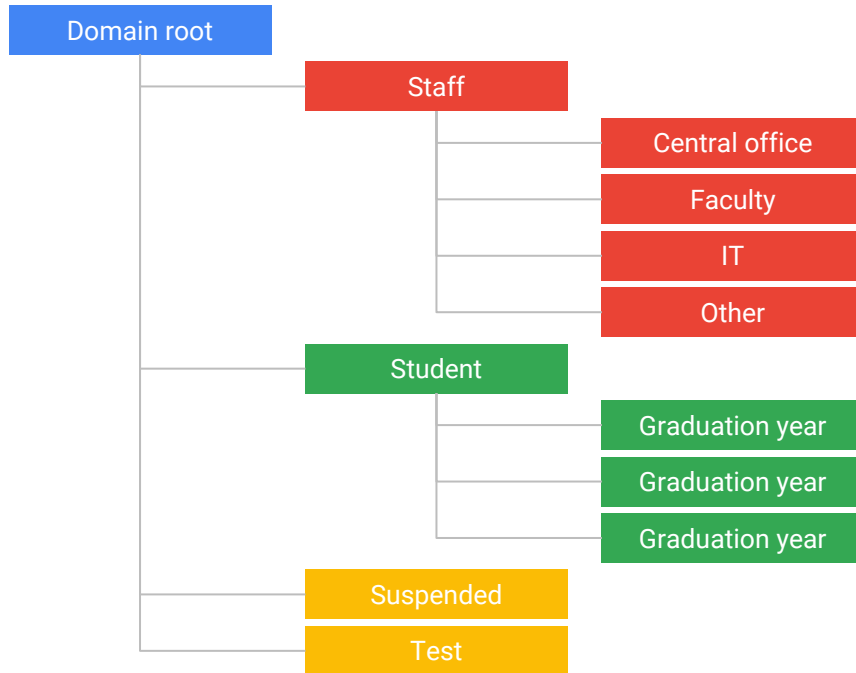
Wizkids

Clever



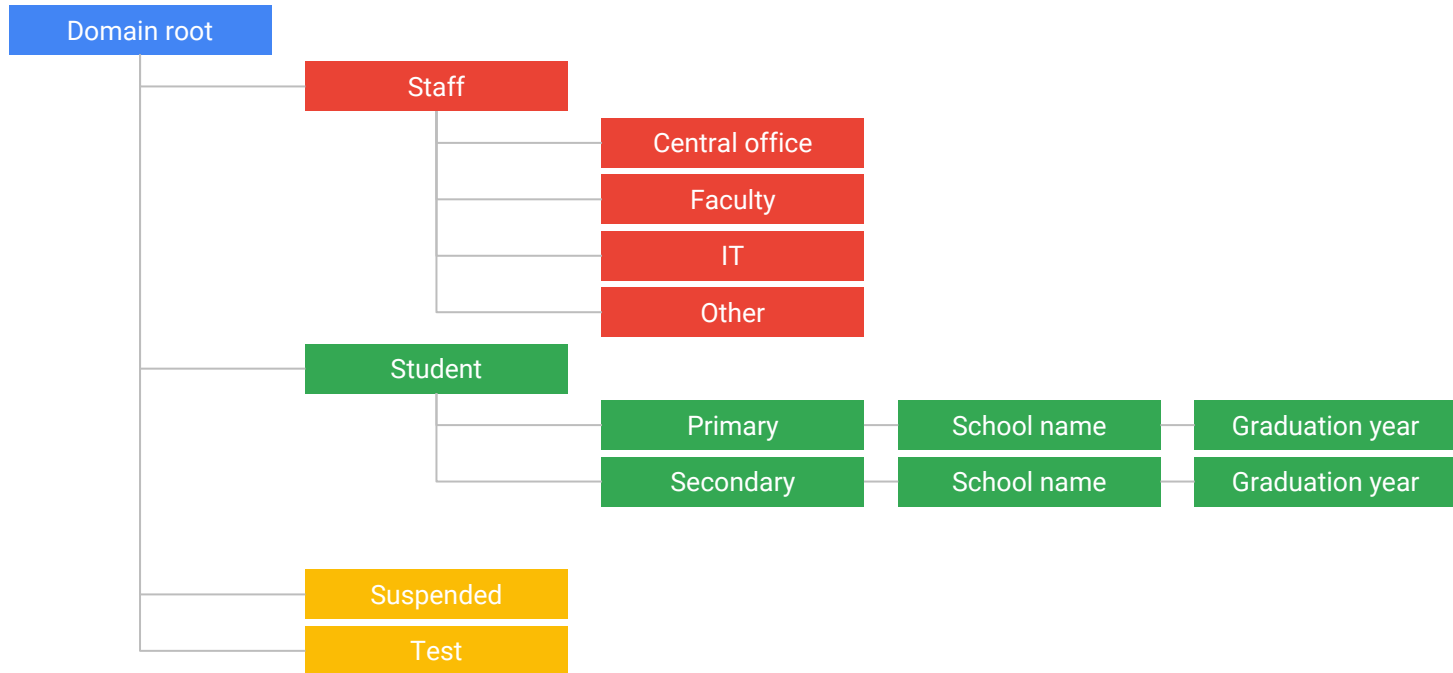
Recommended OU structure - School

Able to sync from AD & MIS one way



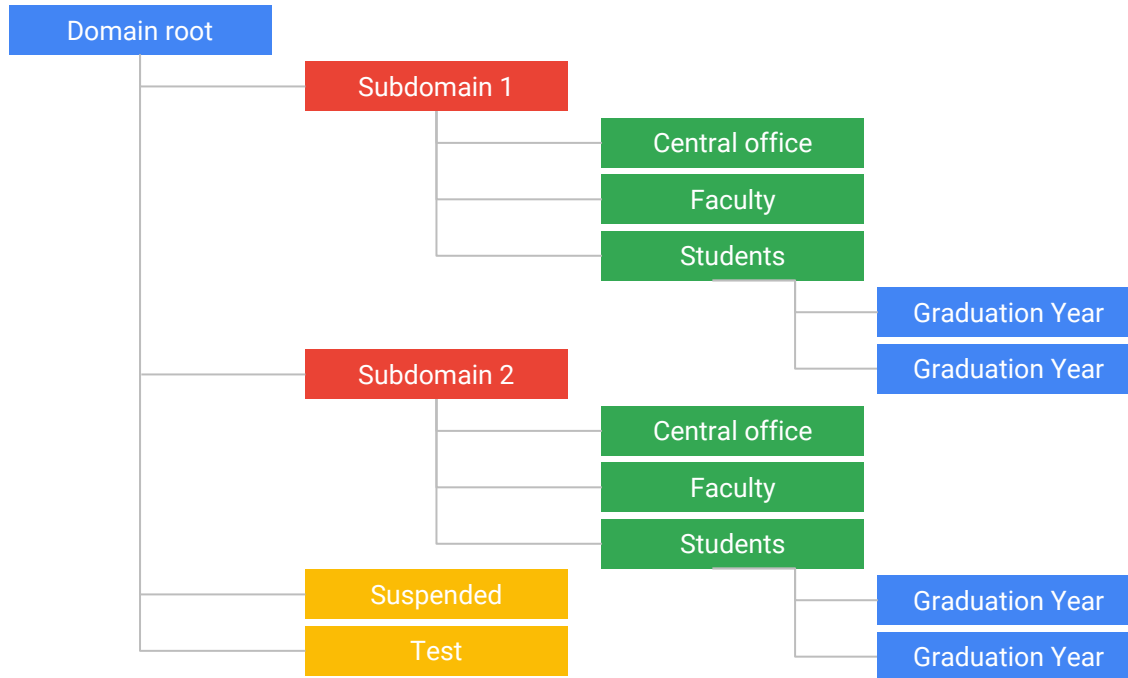
Recommended OU structure - MAT Option 1

Able to sync from AD & MIS one way



Recommended OU structure - MAT Option 2

Able to sync from AD & MIS one way



Creating users and OUs

Your Task...

1. In the Admin Console >> Users
2. Add a User the top-level domain
3. Then, under the EDUGeek OU, a create a sub organisation and name it after your own school
4. Find your created user and move him/her to your new OU

Google services are controlled by administrators per OU



Hangouts



Gmail



Forms



Google+



Google Vault

Vault lets you retain, archive, search, and export your organisation's email, hangout and drive data for your eDiscovery and compliance needs. Vault is entirely web-based, so there's no need to install or maintain any software -- saving your school IT costs/resources.



- Search your domain's Gmail, Hangout & Drive data for legal discovery purposes
- Place user accounts (and related data) on litigation hold to preserve data
- Notify users of litigation holds and track acknowledgments
- Manage related searches and litigation holds under a single container (a matter)
- Share matters among authorized users
- Export search results in standard file formats
- Save your search queries
- Set email, Drive, and Hangout retention policies for your domain

Google Vault

Your Task...

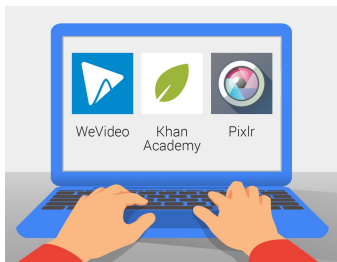
1. In Vault (ediscovery.google.com) create a new matter and give it a name - E.g. EDUGeek#
2. Once you've created a matter, select search
3. We need to track down a naughty colleague who has written "poo" in a number of emails. Search Vault for emails with this word...

Chrome for Education

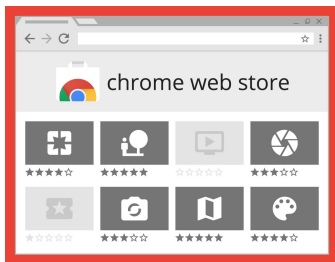


Top features in user settings

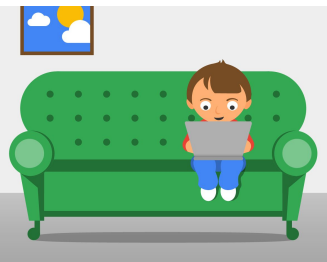
**Push apps
and extensions**



**Customize the
Chrome Web Store**



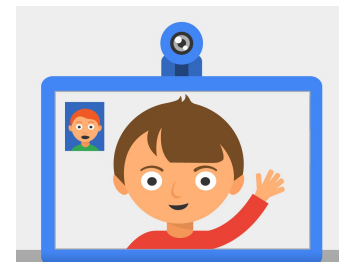
**Route through
a proxy**



**Customize the
user experience**



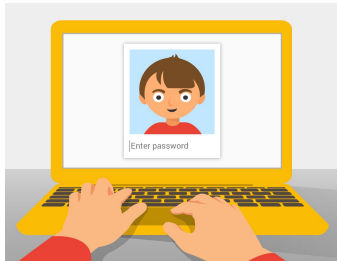
**Enable/disable
hardware**



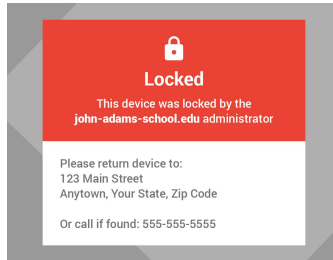


Top features in device settings

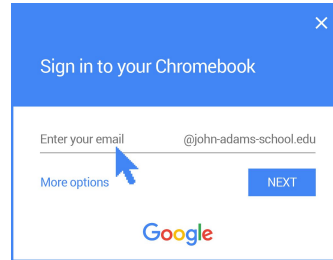
**Specify who
can sign in**



**Enrollment
and access**



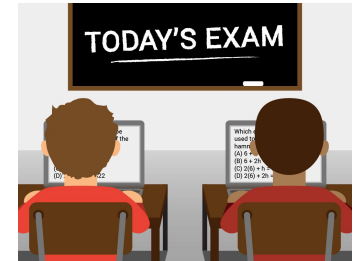
**Autocomplete
domain**



**Enable
cloud printing**



**Push out
Kiosk apps**



Chrome settings

1. Enforced safe search
2. Managed bookmarks
3. Blacklist URL for all signed in users
4. Sleep settings...



Group Challenge

1. Force install an App/Extension to all Roadshow users
2. Add a site of your choice to the bookmarks folder



Device settings

1. Sign-in restriction
2. Remote wipe
3. Kiosks - public session for multi-platform



- Website on startup
- Safesearch enabled
- Managed bookmarks
- Network access
- Custom extensions
- Gmail configuration





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Additional services
you can manage

YouTube

Enable restricted mode at the network and user level

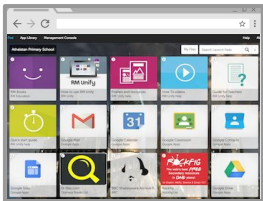
Teachers can approve YouTube videos for immediate access



Chromebooks as kiosks to deliver your web platform

What this enables

Auto-launch SSO solutions



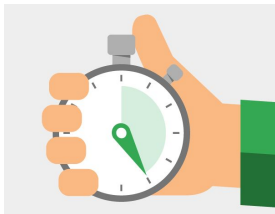
Set an SSO solution to load on startup. Users sign in & authenticate across all SSO services

Push apps & extensions



Customise apps & extensions pushed to devices, such as O365 & Google Classroom

Customise the user experience



Control log out timing, customise bookmarks, turn off incognito mode, enforce safe search, control hardware, and more

How to set this up

1

Work with a partner to procure Chromebooks & management licenses, and to set up a G Suite domain so you can manage your Chromebooks.

2

Enroll your Chromebooks. Read how [here](#).

3

Configure a public session kiosk customised to meet your ICT vision. Learn how [here](#).

With public session kiosks, multiple users can share the same Chrome device without the need to sign in. Autoload your SSO or configure the user experience to meet any other school-related purpose.

Classroom Assignment:

How might I automate G
Suite and Chrome
management tasks?

Questions & Answers

Security

1. Restrict sharing within domain
2. Different settings for different users
3. Enable two factor authentication
4. Setup physical security keys

