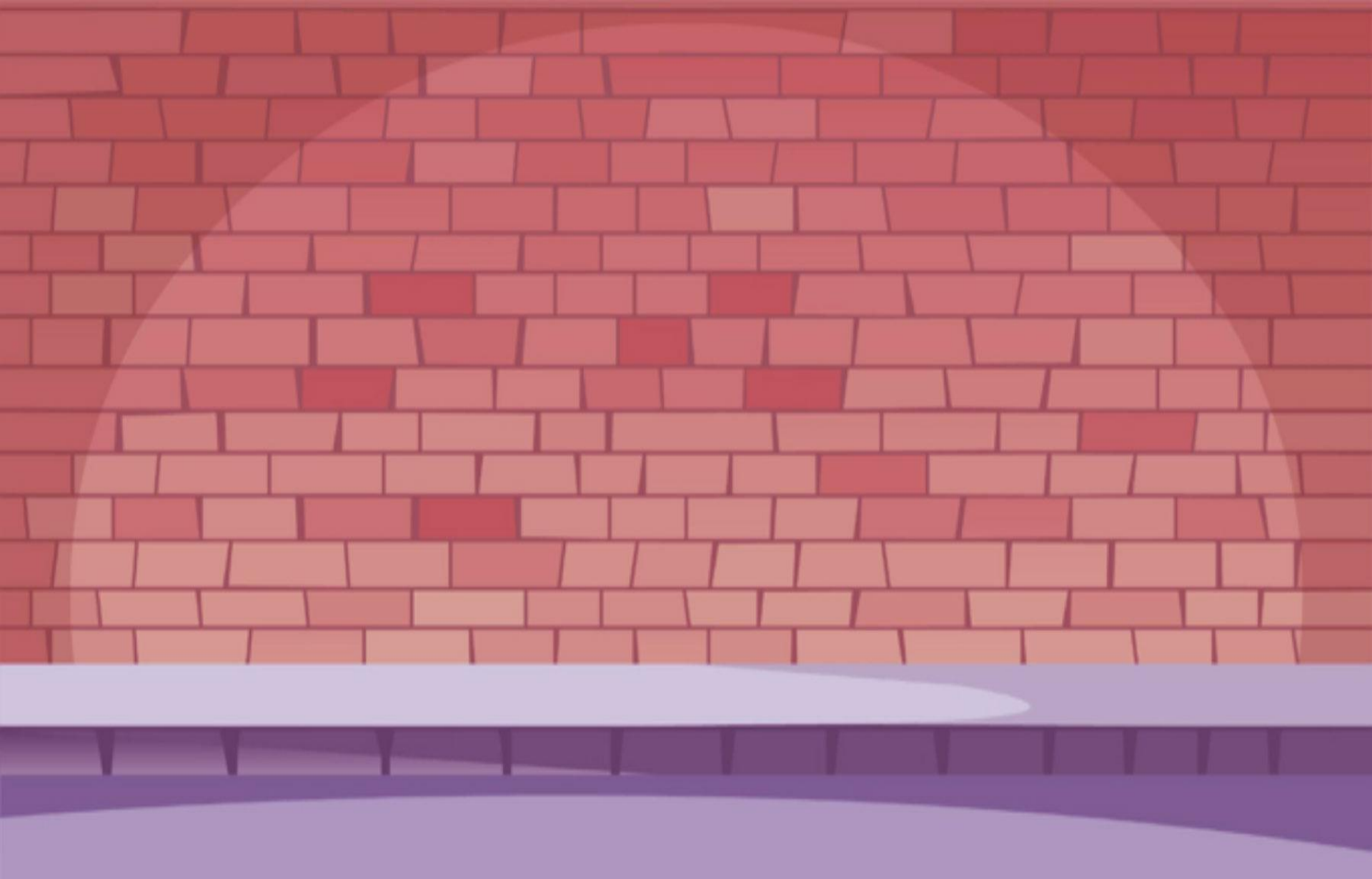# Imagining the class of 2015

How can Google Nexus 7 inch tablets be used in the classroom?
Feb – May 2012

Presented by Natalie Denmeade @moodlemuse

This is what we imagine the future will be like ...

Learners each bring their own device and 4G Internet

Google Nexus 7 inch tablet $249

Learning happens any place anytime

Voice and Video recordings are part of assessment

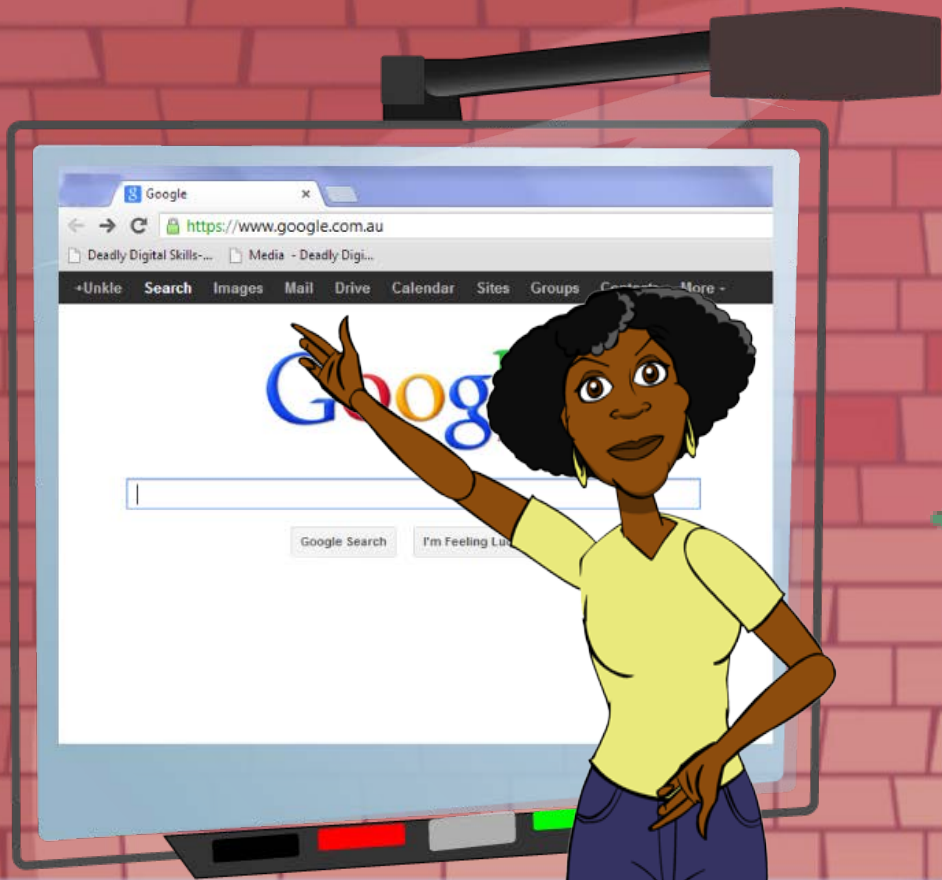**Learners and Teachers are comfortable with Digital Media**

Single sign on gives access to all of resources

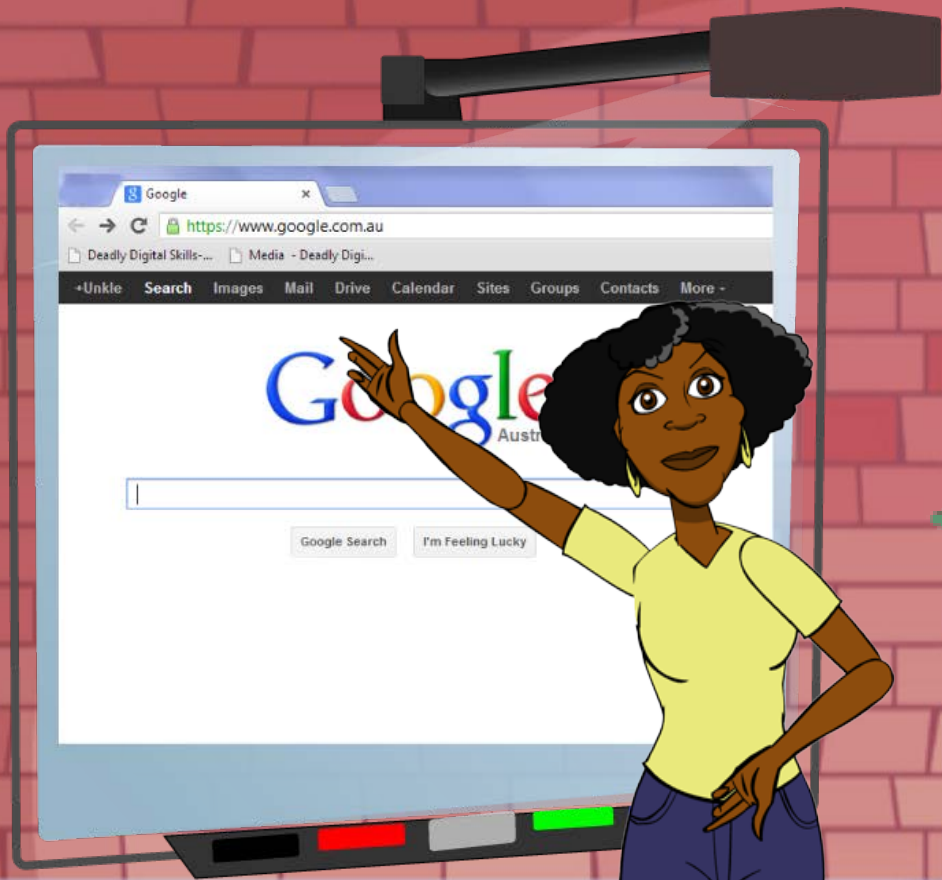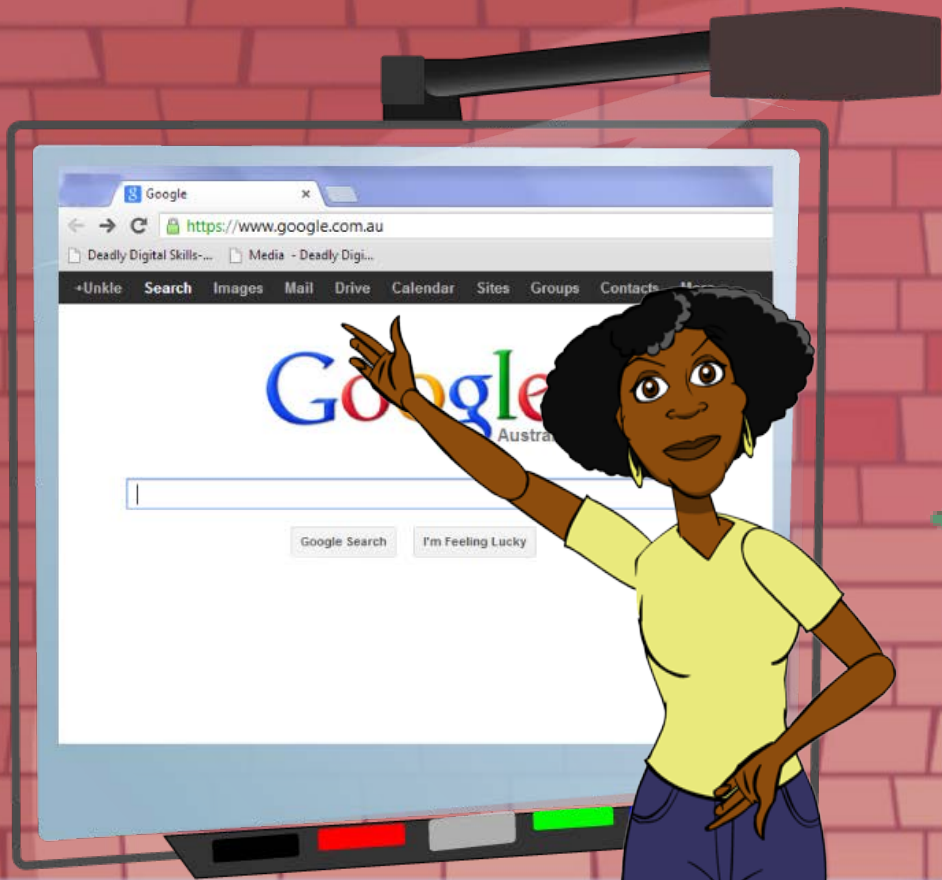Jay signs in to Google
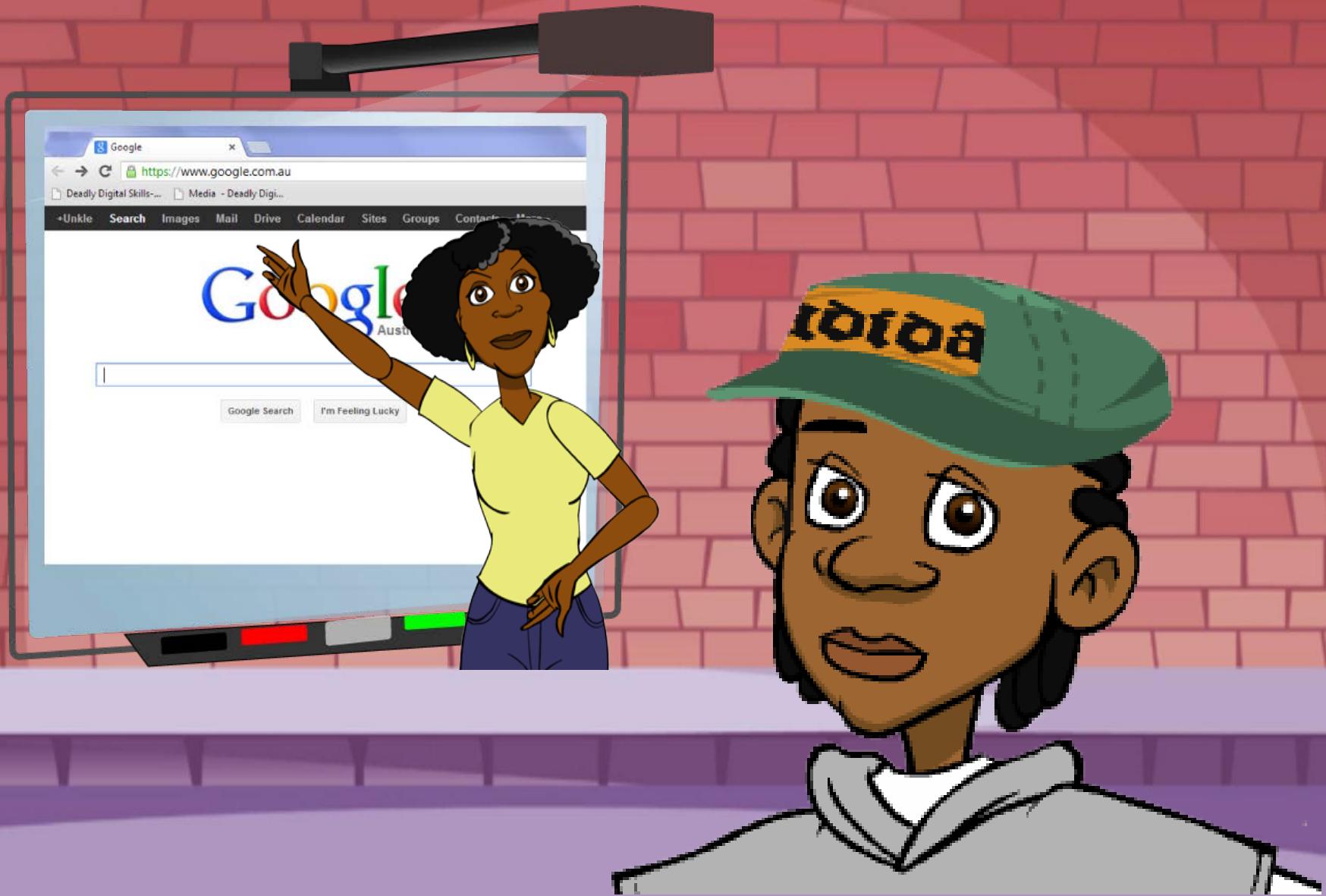
Jay checks his email

Jay can make and share drawings, docs and spreadsheets. No more lost homework!

Jay has access to class files in Google Drive from any computer

Jay's Teacher can support him through the learning process with comments and collaboration.

Jay can publish his work on the Internet

Issues

- OHS with smaller screens
- Harder to monitor who is on track
- Multiple users signing out and using correct logon (privacy issues)
- Authority to Publish
- Charging 10 computers

Benefits

- Learners loved the devices "I want one"
- Equitable solution to a minimum expectation of computing device
- Introduces multimedia into assessment easily
- Replaces so many other educational tools
- Cloud based file and Apps easily accessed and shared via USB etc

Insights gained from the trial with learner groups

- Set up a default account and add the Google Device Management App. This allows remote wiping and additional tools through GAFE interface. Password protect this account
- Add multiple users per device to maintain privacy and accountability
- IN GAFE set access to services required, make sub groups to restrict access further
- Set up groups to manage users and communicate
- A package is available to install desktop shortcuts to Google Drive, Email, and Calendar

Admin Tips to manage Nexus 7 Tablets

Google Apps for Education Interface

Google Apps for Education Interface

These are personal devices best owned and managed by one person, or long term rental from a library. Mainly to avoid Institutional responsibility for content.

Recommend Chrome Books as a mobile classroom solution, slighter bigger and cost $350, better management features for admins.

The question isn't tablet or desktop. Learners will be using both simultaneously. Not a replacement but an extension of our environment.

Google Drive and Apps for Education is a great solution to many requirements:

- ✓ Browser based works across all operating systems and devices.
- ✓ Responsive – fits on various sized screens
- ✓ Synchronises across devices
- ✓ Accessible – Read and Write available
- ✓ Easy to learn
- ✓ Teachers can leave comments on learner's work
- ✓ Download in various formats
- ✓ Files are easily shared
- ✓ Great Chrome web store apps eg WeVideo MindMup
- ✓ It's all free!

My Realisations