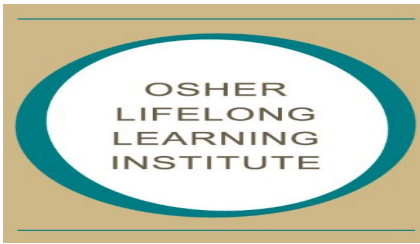


Chromebooks - Easier Computing For Everyone

10/24/2018



Chromebooks - Easier Computing For Everyone

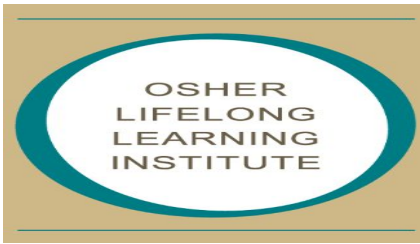
Jack Wilfore
jwilfore@gmail.com

10/24/2018

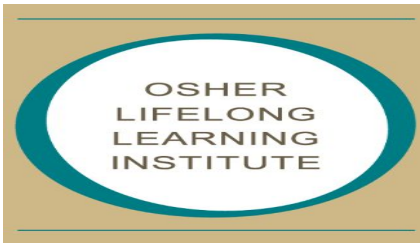
Today's Agenda

- What is a Chromebook & some details
- Why & Why not?
- My experience
- How do I use a Chromebook?
- Take a tour
- What do I like?
- Some learning
- Some resources

OLLI will email you a pdf of the “slides”



Chromebooks - Easier Computing For Everyone



*... a simpler
and more pleasant
computing experience!*

Computing

not easier

not simpler



certainly not more pleasant

Another alternative

ANYTHING BUT ORDINARY.
CHROMEBOOK



Chromebooks



Chromebooks provide general computer users with a simplified computing experience that's unmatched by any of their Windows or Mac rivals.

What is a Chromebook?

- A **Chromebook** is a different kind of laptop.
- **Chromebooks** run Google's Chrome OS Operating System and the Google Chrome Browser
- **Chromebooks** weren't designed to do everything — they do the basics that most people need, and do that very well.

[Quick video](#)

Why a Chromebook?

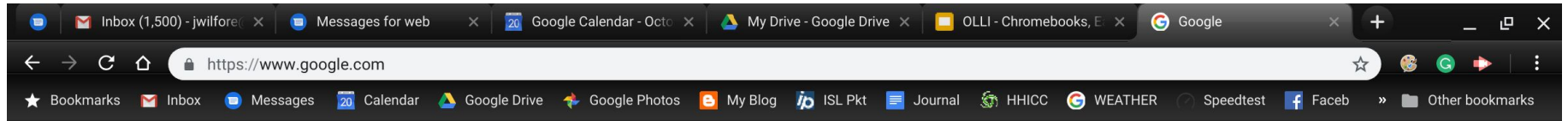
- **Chromebooks** are available in a wide assortment of sizes, shapes, prices \$200-\$400 +, many suppliers.
- Long battery life, and speedy performance without price premiums.
- If your into word processing, email, internet searching and/or video streaming, the best **Chromebooks** will be a perfect fit for you.

If you spend more than 90 percent of your computer time in a web browser, you should have no trouble using a **Chromebook ... as your primary PC, and in some cases, maybe as your only computer.**

Why a Chromebook?

“In general, the Chrome OS operating system just works and gets out of your way. Sure there are limitations and there are things that don't work from time to time, but for the most part, if your workflow can exist inside a Chromebook's limitations, you will find yourself loving the experience of operating in Chrome OS.”

The Chrome Browser



About Store

Gmail Images   

Google

Google Search

I'm Feeling Lucky

Advertising Business

Privacy Terms Settings



The Chrome Browser

- Microsoft has been testing pop-ups that are beckoning their users to say no to Chrome and Firefox.
- That is fine, good marketing, but ...
Chrome is the dominant surfing platform and all of its competitors will have to put in some serious work if they ever plan to supplant the King of the browsers.

Microsoft backs off from Windows 10 'warning' about Chrome and Firefox - it's just a test.

Desktop Browsers Usage

Browser 	NetMarketShare ^[22] August 2018 
Chrome	65.16%
IE	10.88%
Firefox	9.78%
Edge	4.30%
Safari	3.67%
Opera	1.65%
Others	4.56%

Why a Chromebook?

PLUSES

- Simple to use
- Easier than a PC
- Can't get viruses
- Easy - automatic updates
- Fast - Solid State Drive
- Google Chrome OS
- Runs Chrome Browser
- Lightweight
- Portable
- Long Battery Life
- Easy Reset
- Chrome Extensions
- Google Android Apps
- Low Cost



Chromebook is now my primary and almost my exclusive computing device - 98%

Why Not?

SOME LIMITATIONS

Need a free Google Account - easy!

Access to the Internet, wi-fi is everywhere, the Chromebook has some offline capability

No application programs, but lots of Chrome Extensions and thousands of Apps available to Chrome OS users.



**And speaking of Extensions and Apps ...
best possible web experience!**

Chrome Extensions & Apps?



Chrome Web Store

chrome.google.com/webstore

- **Extensions are small programs that customize the browsing experience. They enable users to tailor Chrome functionality and behavior to meet their individual needs or preferences.**
- **Chrome Apps are web applications that run on the Google Chrome web browser.**
- **Chrome Apps, Extensions, and Themes can be obtained from the Chrome Web Store.**

More Apps - Google Play Store?



- Google Play is a digital distribution service operated and developed by Google. It serves as the official App Store for the Android operating system, allowing users to browse and download applications.
- Google Play is available for most Chromebooks!

play.google.com

YES, Chromebooks CAN Print, and very nicely too!

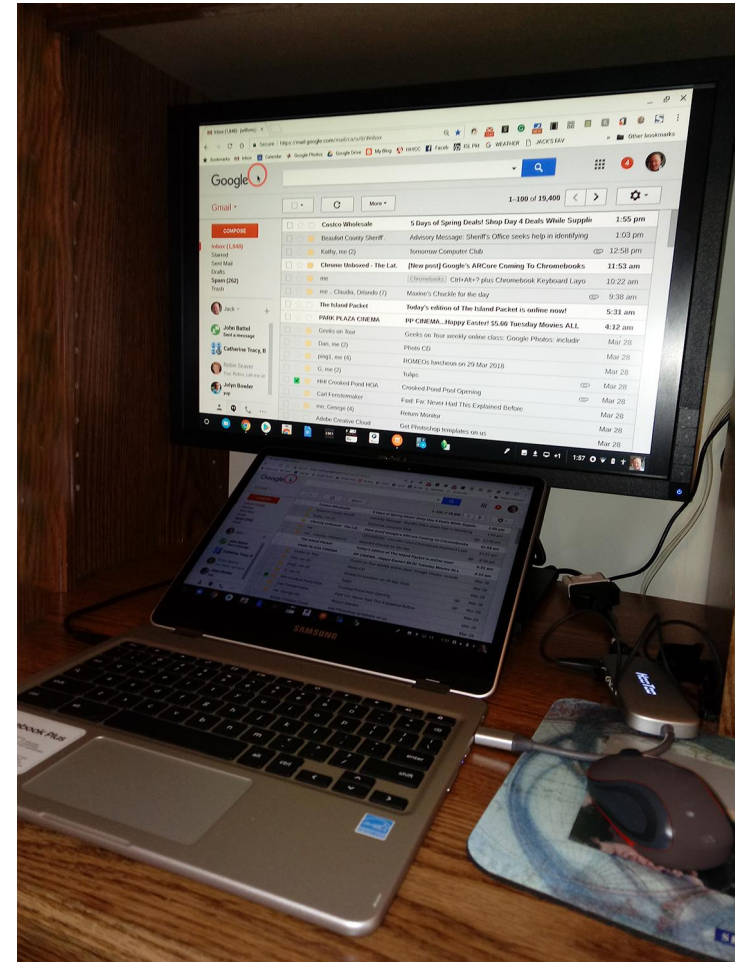
- **Most newer wi-fi printers come Google cloud-print ready.**
- **Wireless printer required.**
- **There is an “HP Print for Chrome”
Extension that makes the task of
printing to an HP printer pretty simple.**

My Computing Devices

- A Dell All in One Desktop - 23 inch screen, 1TB memory, Windows 10 (\$690), Onedrive, always concerned about updates, security and backup
 - Not mobile - no collaboration, sign-on every time and software updates (slow)
 - Adobe Photoshop and Lightroom - share with 2 devices, but my use is declining - other alternatives
 - Quicken - replaced with Google Sheets on CB
 - Word, Excel and Powerpoint stored, can transfer to CB - Google Docs, Sheets and Slides, as needed
- Microsoft Surface 3 Laptop (\$599 + \$129)
portability, shares Adobe PS & LR, small screen
 - Has not been turned on since Jan 1, 2017

My Current Chromebook

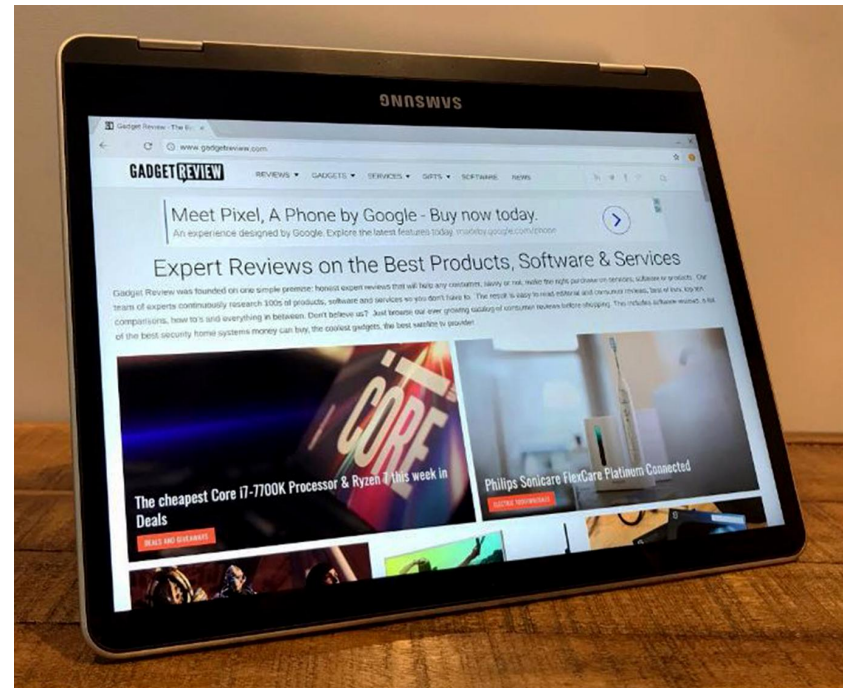
Samsung Chromebook Plus - March 2017



My Current Chromebook

Samsung Chromebook Plus

- Cost: List price - \$450, on sale \$419
- ARM-based OP1 processor
- 4GB RAM, 32GB Storage
- MicroSD card - 64GB
- Touchscreen 12.3-inch
- Built in Stylus Pen
- 2400x1600
- 3:2 aspect ratio
- 2 USB Type-C ports
- Weight: 2.4 lbs
- Battery Life: 8 hours (plus)
- 360 degree flippable - tablet mode for reading



Another Supplier - CTL




- Chromebooks >
- Chromebox >
- Chrome Devices >
- Chromebook Parts >
- Displays >
- Tablets >
- Laptops >
- PCs >
- Servers >
- Computer Hardware >
- Chrome for EDU >
- Chrome for Enterprise >

Value Chromebooks




CTL Chromebook J41 for Education
~~\$274.00~~
\$219.00


Rugged Chromebooks



CTL Chromebook J41X Rugged for Education
~~\$274.00~~
\$249.00




CTL Chromebook NL7 for Education
~~\$279.00~~
\$239.00



CTL Chromebook NL7X for Education
~~\$319.00~~
\$269.00




CTL Chromebook NL7T-360 for Education
~~\$349.00~~
\$299.00




CTL Chromebook NL7TW-360 for Education
~~\$379.00~~
\$329.00

Touchscreen Chromebooks



CTL Chromebook NL7T-360 for Education
~~\$349.00~~
\$299.00



CTL Chromebook NL7TW-360 for Education
~~\$379.00~~
\$329.00

More

-  All Chromebooks
-  Chromebook Parts
-  Chromebook Accessories
-  Chromebook Carts
-  Chromebook Bundles



A Chromebox

Need a screen and a keyboard

6" x 6" x 1.5"

\$229.00



CTL.net

DESCRIPTION

Description

Specifications:

Reviews

Downloads

More

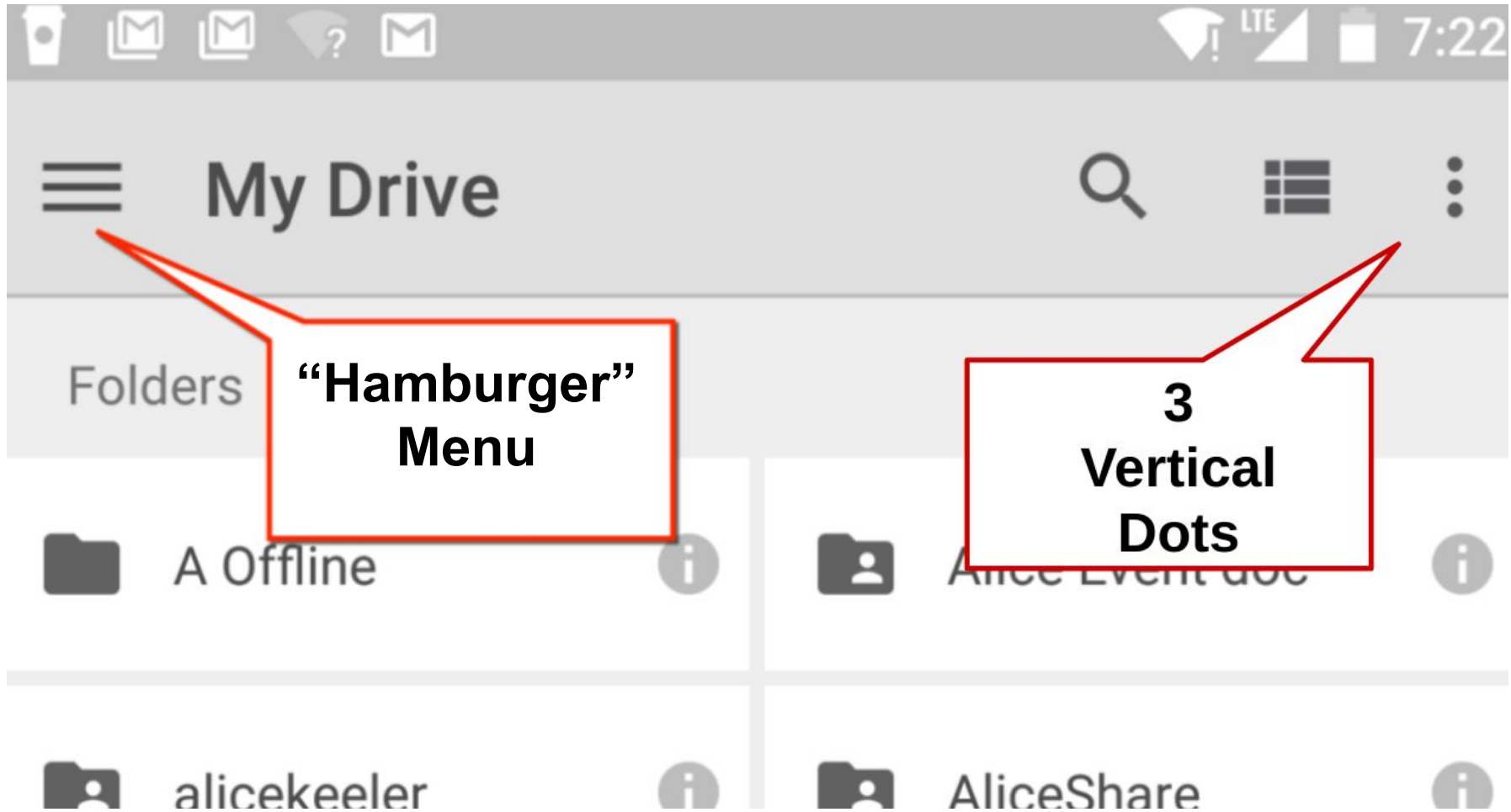
- Intel 3865U Celeron Processor
- 4GB DDR4 Ram (Maximum 16GB)
- 32GB of SSD Storage
- 802.11 AC Wireless 2x2
- 10/100/1000 Ethernet Port
- 2 USB 2.0, 3 USB 3.0, HDMI and 1 USB C port(for dual monitor support)
- Bluetooth 4.2
- VESA mounting option
- 2 way shipping warranty included for the first year.
- CTL 1 year warranty
- SKU: CTLCBX1
- 5.83"(w) x 5.85"(d) x 1.62"(h)



How do I use my CB?

- The very popular Chrome Browser, Extensions, Apps & Google Drive
- Gmail, Google Calendar, Google Search, YouTube
- Google Docs (Word), Google Sheets (Excel), Google Slides (PowerPoint), import and convert my previously stored Microsoft files as needed
- Google Photos, My CB Blog, Facebook, read News & Kindle, check the weather, Google Maps for travel, Quicken replacement, scan web-sites, store and edit camera photos, Micro-SD Card & Thumb drives for External Storage, collaborate (Share) files with others - easy, Bookmarks for everything

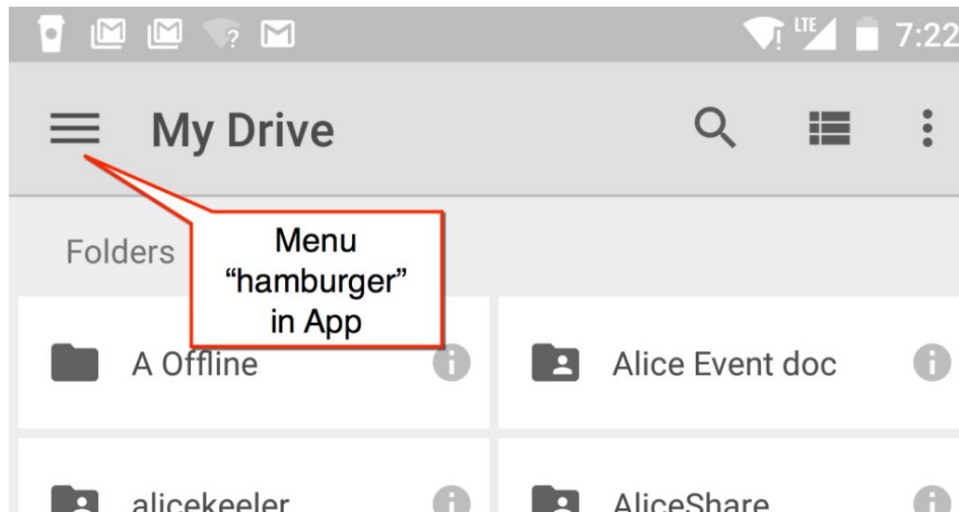
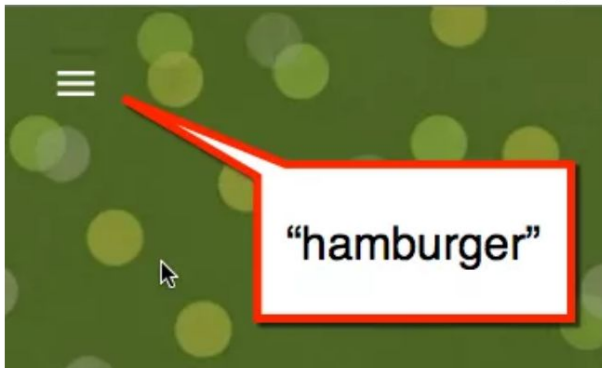
Menus



3 Line “Hamburger” Menu

1) 3 Lines – Menu

In Google Classroom, mobile versions of Google Docs, and more places, you will see 3 lines in the upper left hand corner. These lines are sometimes referred to as “the hamburger.” Touch or click these 3 lines to reveal the menu. Anytime you see these 3 lines, click on them to see what other options you have.

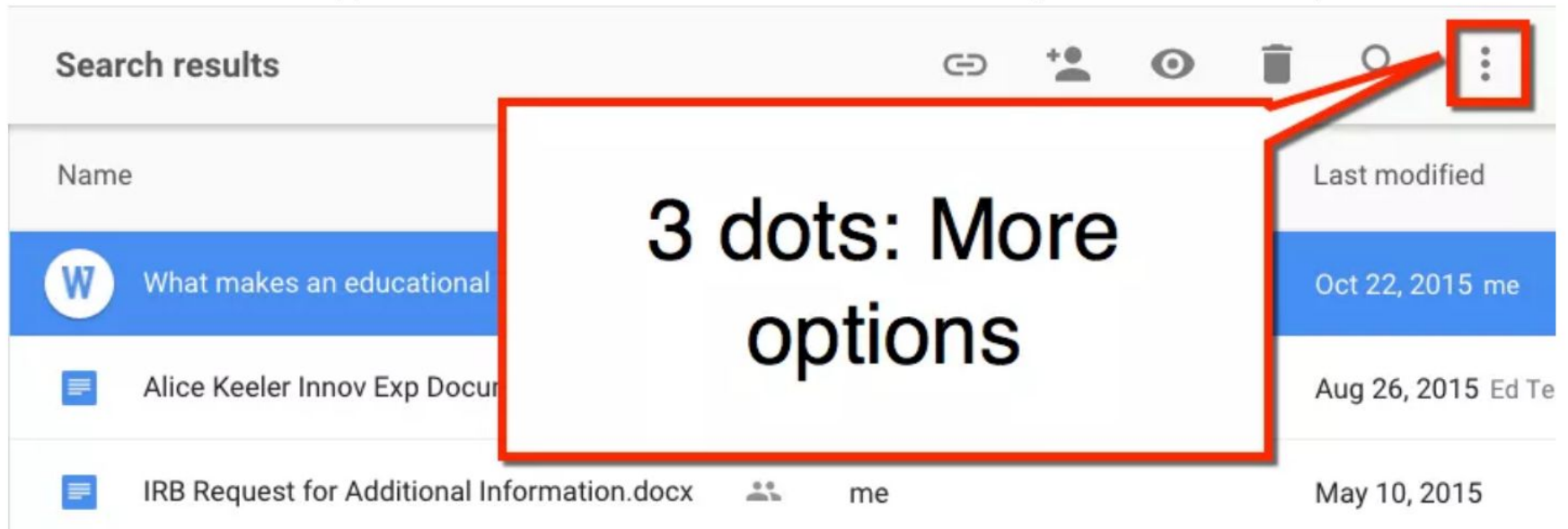


3 Vertical Dots

More Options

2) 3 Dots – More Actions

When you see 3 dots in an icon this indicates there are more options. Click once on a file in Google Drive and the 3 dots “more actions” icon will appear in the toolbar. Click on this icon to reveal more options about the item you have selected.



The screenshot shows a Google Drive search results interface. At the top, there is a toolbar with several icons: a link icon, a share icon, a view icon, a trash icon, and a 3-dot icon. The 3-dot icon is highlighted with a red box. A callout box with a red border and a red arrow pointing to the 3-dot icon contains the text "3 dots: More options". Below the toolbar, there is a table of search results. The table has two columns: "Name" and "Last modified". The first row is highlighted in blue and contains the text "What makes an educational". The second row contains the text "Alice Keeler Innov Exp Docu". The third row contains the text "IRB Request for Additional Information.docx" and "me". The "Last modified" column shows dates: "Oct 22, 2015 me", "Aug 26, 2015 Ed Te", and "May 10, 2015".

Name	Last modified
What makes an educational	Oct 22, 2015 me
Alice Keeler Innov Exp Docu	Aug 26, 2015 Ed Te
IRB Request for Additional Information.docx me	May 10, 2015

Chromebook - My Drive

Search Drive

My Drive

Quick Access

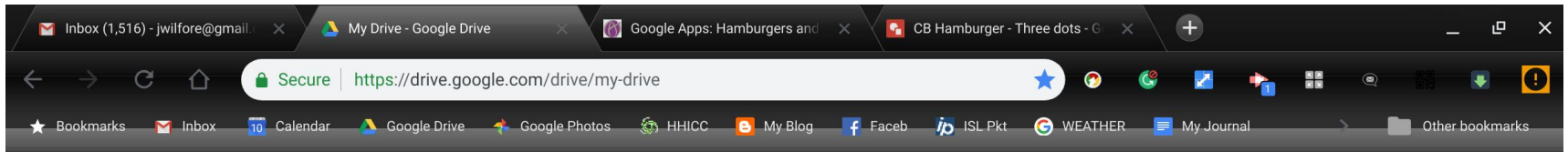
- Chromebooks - Easier Computing For Everyone
- CB Hamburger - Three dots
- Google Photos
- J&J Finances

Name	Owner	Last modified	Size
__Saratoga Bris	me	Jul 29, 2018 me	—
__TRAVELS	me	Jul 23, 2018 me	—
__Jack's Medicines	me	Jun 13, 2018 me	—
__My Google Docs	me	Feb 13, 2018 me	—
__My Google Sheets	me	Oct 13, 2017 me	—
__Pictures	me	Oct 13, 2017 me	—
__Presentations	me	Jul 21, 2017 me	—

CB - My Drive

The image shows a Chrome browser window with the Google Drive interface. The address bar displays the URL <https://drive.google.com/drive/my-drive>. The left sidebar contains navigation options: 'New', 'My Drive', 'Computers', 'Shared with me', 'Recent', 'Starred', 'Trash', 'Backups', and 'Storage' (27 GB of 115 GB used, with an 'UPGRADE STORAGE' link). The main area shows a 'My Drive' dropdown menu with options: 'New folder...', 'Upload file', 'Upload folder...', 'Google Docs', 'Google Sheets', 'Google Slides', and 'More'. A 'New folder...' dialog box is open on the right side of the screen, showing a preview of a folder named 'New folder...'. The system tray at the bottom shows the time as 1:25 and various system icons.

My Drive



Drive

Search Drive

My Drive

Name	Owner	Last modified	Size
2017 Thrift Shop Volunteer Dinner 2.mp4	me	Aug 30, 2018 me	670 MB
2018-04-13 All About Chromebooks HHI Computer Club	me	Apr 13, 2018 me	—
2018-04-23 Google Photos - Sharing Your Photos with Family and...	me	Apr 23, 2018 me	32 KB
2018-04-23 Google Photos - Sharing Your Photos with Family and...	me	Apr 23, 2018 me	—
1526923024-picsay.jpg	me	May 21, 2018 me	392 KB
American-flag-waving-pole-2018.gif	me	May 25, 2018 me	31 KB
Art B 01 Track 1.mp3	me	Jul 25, 2017 me	3 MB
Booth to Intercontinental	me	Sep 7, 2018 me	—
Cannot tell a lie Drawing	me	Aug 21, 2018 me	—
Capture, Store and Share Images	me	Jul 15, 2018 me	—
CB Hamburger - Three dots	me	12:38 PM me	—
CB Shelf & Status Area	me	Aug 29, 2018 me	—

New

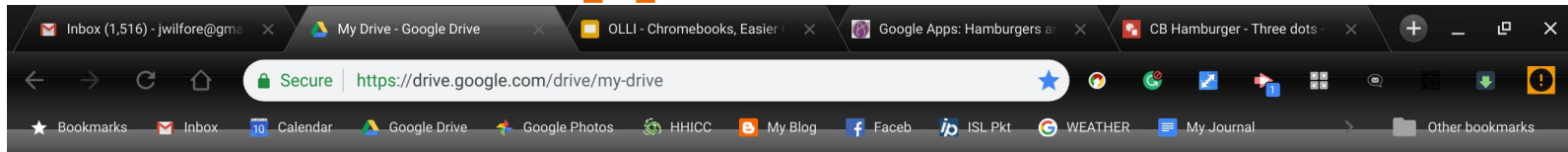
- My Drive
- Computers
- Shared with me
- Recent
- Starred
- Trash
- Backups
- Storage

27 GB of 115 GB used
[UPGRADE STORAGE](#)

Windows taskbar: Chrome, File Explorer, Photos, Mail, Word, OneDrive, Edge, Photos, Settings, System tray (1:10, Wi-Fi, battery, user profile)

Select A File

3 dots appear for that file



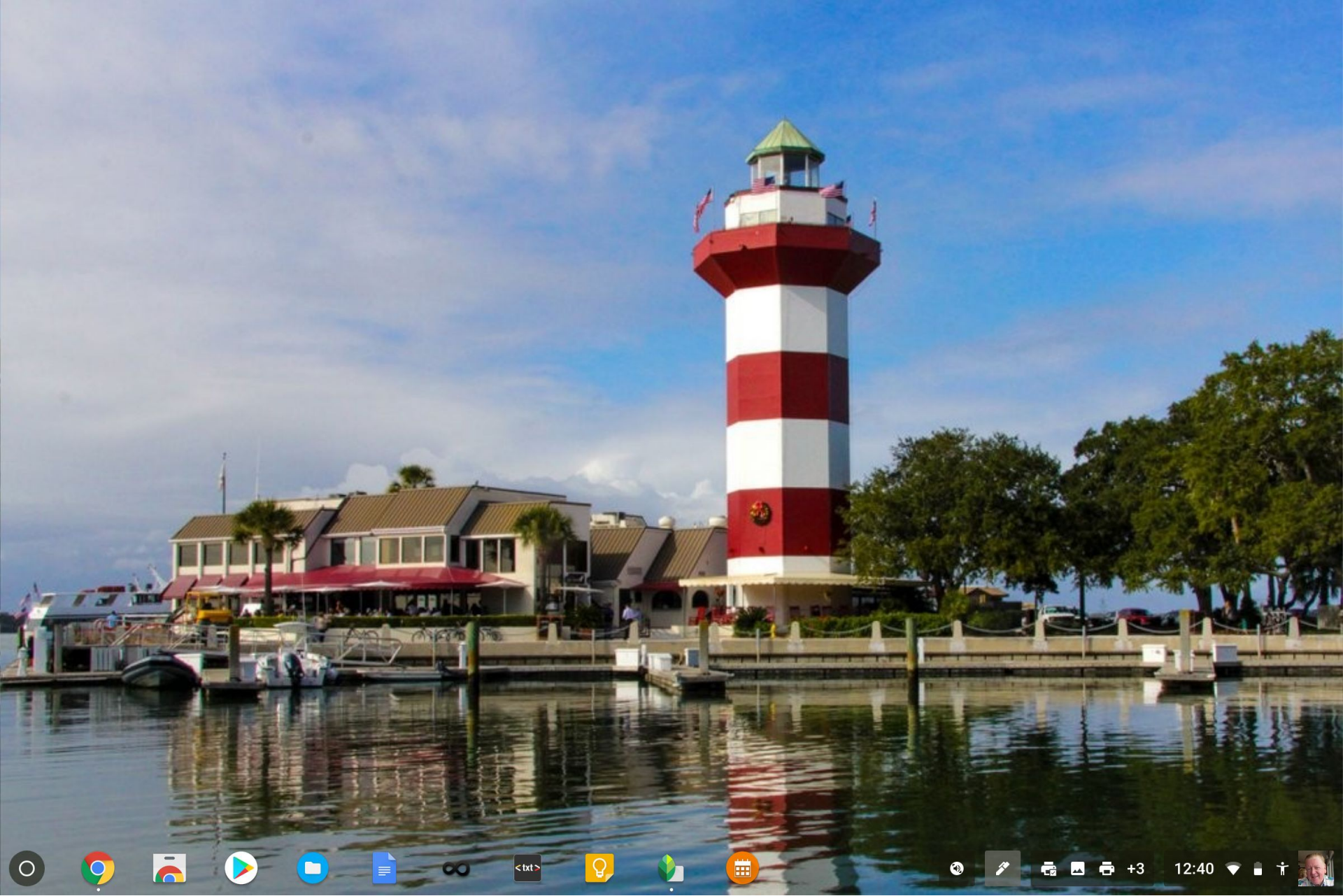
Name	Owner	Created	Modified	Size
2017 Thrift Shop Volunteer Dinner 2.mp4	me			
2018-04-13 All About Chromebooks HHI Computer Club	me			
2018-04-23 Google Photos - Sharing Your Photos with Family and...	me			
2018-04-23 Google Photos - Sharing Your Photos with Family and...	me			
1526923024-picsay.jpg	me			
American-flag-waving-pole-2018.gif	me	May 25, 2018	me	31 KB
Art B 01 Track 1.mp3	me	Jul 25, 2017	me	3 MB
Booth to Intercontinental	me	Sep 7, 2018	me	-
Cannot tell a lie Drawing	me	Aug 21, 2018	me	-
Capture, Store and Share Images	me	Jul 15, 2018	me	-
CB Hamburger - Three dots	me	12:38 PM	me	-
CB Shelf & Status Area	me	Aug 29, 2018	me	-



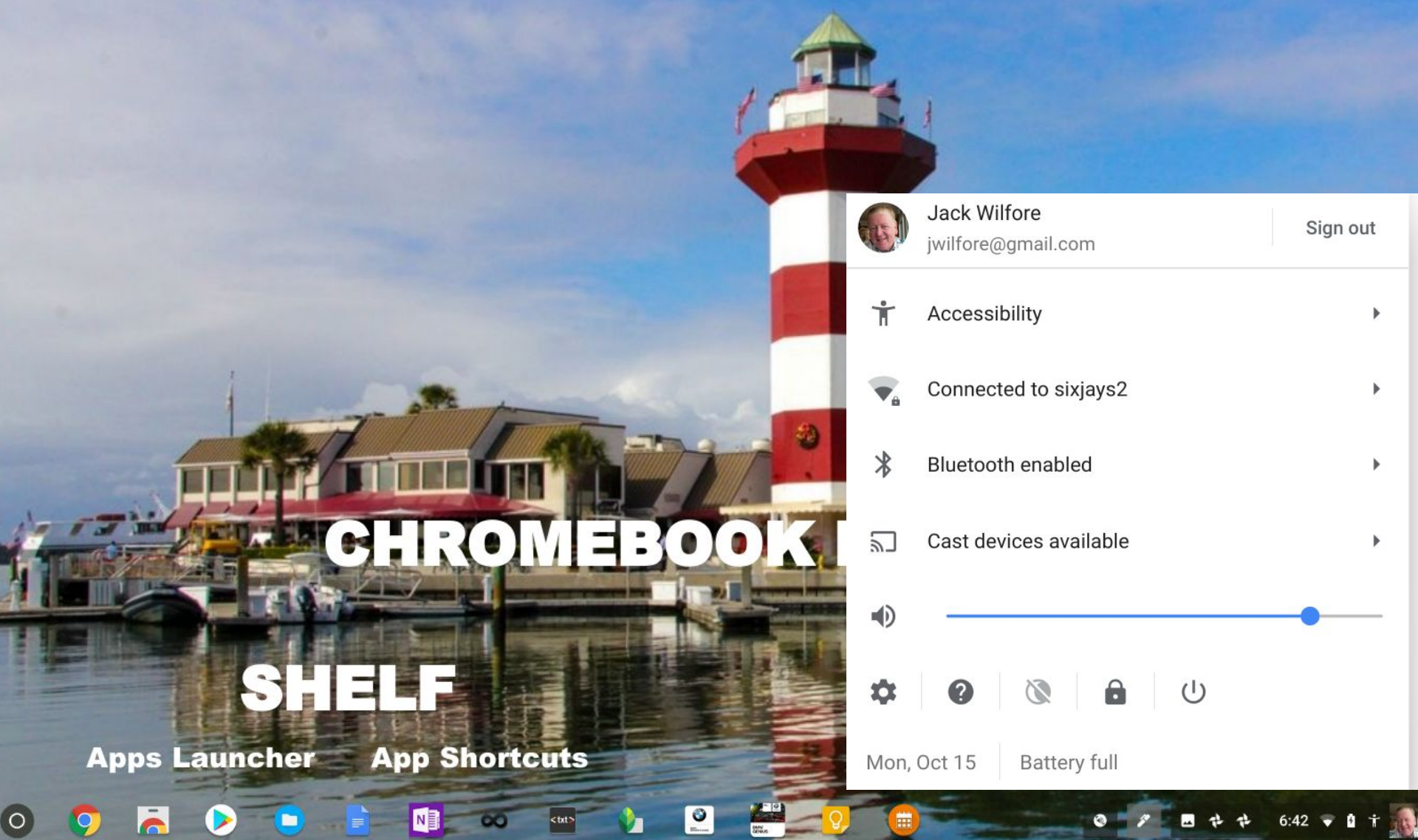
Select A File

3 Dots Appears

The screenshot displays a web browser window with several tabs open: 'Inbox (1,516) - jwilfore@...', 'My Drive - Google Drive', 'OLLI - Chromebooks, Easier...', 'Google Apps: Hamburgers al...', and 'CB Hamburger - Three dots...'. The address bar shows 'Secure | https://drive.google.com/drive/my-drive'. The left sidebar contains navigation options: 'New', 'My Drive', 'Computers', 'Shared with me', 'Recent', 'Starred', 'Trash', 'Backups', and 'Storage' (27 GB of 115 GB used, with a link to 'UPGRADE STORAGE'). The main content area shows a list of files under 'My Drive' with columns for Name and an upward arrow. The files listed are: '2017 Thrift Shop Volunteer Dinner 2.mp4', '2018-04-13 All About Chromebooks HHI Computer t...', '2018-04-23 Google Photos - Sharing Your Photos wi...', '2018-04-23 Google Photos - Sharing Your Photos wi...', '1526923024-picsay.jpg', 'American-flag-waving-pole-2018.gif', 'Art B 01 Track 1.mp3', 'Booth to Intercontinental', 'Cannot tell a lie Drawing', 'Capture, Store and Share Images 👤', 'CB Hamburger - Three dots', and 'CB Shelf & Status Area'. A context menu is open over the 'CB Hamburger - Three dots' file, listing actions: 'Open with', 'Move to...', 'Add star', 'Rename...', 'View details', 'Make a copy', and 'Download'. The Windows taskbar at the bottom shows various application icons and the system tray with the date 'Aug 29, 2018' and time '1:06'.



Let's take a tour!



CHROMEBOOK

SHELF

Apps Launcher

App Shortcuts

Jack Wilfore
jwilfore@gmail.com Sign out

- Accessibility
- Connected to sixjays2
- Bluetooth enabled
- Cast devices available

Volume slider

Settings | Help | Do Not Disturb | Lock | Power

Mon, Oct 15 | Battery full



What do I like most?

- Always with me, wi-fi everywhere
- Operation is fast & easy, open and close - no sign-on, so portable, great battery life, easy screen resizing, collaboration
- Cloud files stored automatically, and easily shared
- Google Docs “voice” typing
- 64 GB Micro SD card for file storage
- Answers for what you don’t know are only a click away
- Easy dealing with MS documents and a wide variety of sources and files

Google Drive and Google Docs

- Google makes it easier and easier to open and edit documents of any type without the need for any sort of separate program.
- With Google Drive, you can open up most any document (including PDFs) and start editing it as a Google document. You can save it as that same original file type, or as one of a number of other popular formats, and then share it with whomever in whatever style they prefer.
- Google introduced another update to Google Drive that makes quick, collective document markup even easier.

Google Drive and Google Docs

Unless you really need Office 365 or Word Online or Excel Online, life has really gotten much easier.

<https://slate.com/technology/2018/02/google-docs-have-quietly-revolutionized-document-editing.html>

What's not to like?

Not much!

- Dealing with Change - things are different, some learning is needed, Google Drive, Google Suite
- Moving files - not always a simple cut and paste. sometimes it's a drag and drop
- Answers for what you don't know are only a click away

Some Learning Needed (1)

Google Drive Tutorial 2017

<https://www.youtube.com/watch?v=LW9gh2myDhA>

Google Docs and Sheets Tutorial 2017

<https://www.youtube.com/watch?v=W7wOQaGbf-A&t=47s>

Some Learning Needed (2)

- Using previously stored MS Word, Excel and PowerPoint - where are they? On a hard drive, in an email, OneDrive, a thumb drive or an external hard drive
- Get them into My Google Drive, copy and paste, drag or drop, right click.
- Once in My Google Drive, New, File Upload, Select ... creates

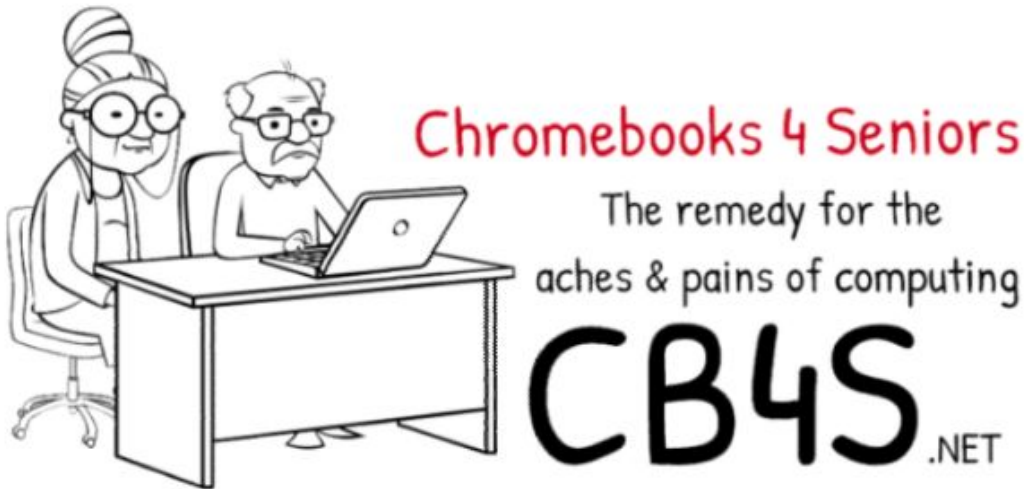
Some Learning Needed (3)

- Problem Solving
- My Samsung Chromebook Plus was periodically locking up, and over time it got worse and worse.
- Performed the “Powerwash,” to do a factory reset.
- Utilized the “Chromebook Recovery Utility” (Chrome web store - create an image), all to no avail and I did notice it seemed to be running warm - maybe even hot as time went on.
- It was still under warranty, just barely - 9 days, sent it back and the motherboard was replaced.
- Thank you, Samsung!

Answers only a click away, here are two resources

HHI Chromebooks Training and Notes - blog

<http://hhichromebooks.blogspot.com/>



<http://cb4s.net>

Answers only a click away

- Google Search - try very specific text
 - Finds quick text answers or short and specific YouTube videos
 1. Google Docs insert page break
 2. Google Docs portrait to landscape
 3. Google Docs “voice” typing
 4. Google Drive save as Word (.docx)
 5. Google Drive Tutorial
 6. Google Docs Tutorial

Do A Search?

And, even more help ...



MEMBERS HELPING MEMBERS

Every day at the Resource Center,
10 am to 4 pm, Monday - Friday,
(843) 842-4475

Thursday afternoons - now for classes only

for help with Chromebooks

Harvey Beeferman

Every Friday Afternoon

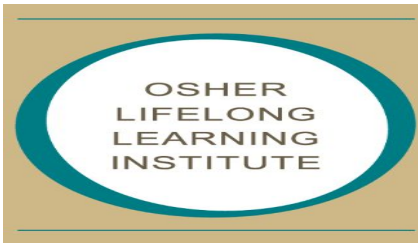
1 pm to 4 pm

harveyb@gmail.com

These Slides

OLLI will email you a pdf of the “slides”





Thank you for your attention!

Jack Wilfore

jwilfore@gmail.com
