**Enabling Developer Mode**

1. Backup your Chromebook

Enabling Developer Mode will erase all of your data stored on your Chromebook, along with any customizations you’ve made.

1. Turn off your Chromebook
2. Press the Esc and F3 or Refresh key, then press the power button

A close up of a keyboard

Description automatically generated

Release the Esc and Refresh/F3 keys when you see the screen with a large Orange !.

A screen shot of a computer

Description automatically generated

This screen is the OS Recovert Screen and it’s telling you Chrome OS is missing or damaged. It isn’t “Don’t Panic!” Move on to the next step.

1. Press CTRL+D to continue the process to put the Chromebook into Developer Mode. You will see this screen.

A close up of text on a white surface

Description automatically generated

We want to turn off the OS Verification, press Enter.

1. After pressing Enter you will see the following screens showing you the process it is taking to enable Developer Mode. Whatever you see, you must refrain from pressing any keys.A picture containing sitting, white, table, black

   Description automatically generatedA close up of text on a white background

   Description automatically generatedA screenshot of a cell phone

   Description automatically generated
2. At the end of the process to enable Developer Mode, the Chromebook will reboot. After the Chromebook reboots, you will see the OS Verification screen. Press Ctrl+D to continue.

A picture containing text, sitting, white, black

Description automatically generated

1. Welcome! Your Chromebook is now in Developer Mode. Click on Let’s Go.

A picture containing white, computer, laptop, sitting

Description automatically generated

1. You will be asked to connect to a network. There is no way around it, you will need to do this. Hint… Once you get all done with the initial setup, you can tell the Chromebook to forget the network.

A picture containing indoor, computer, table, white

Description automatically generatedA screen shot of a computer

Description automatically generated

1. On the Google Chrome OS Terms screen, you can leave the slider on or turn it off to allow the sending of diagnostic information to Google. Click the Blue Accept and Continue button.

A screenshot of a cell phone

Description automatically generatedA screenshot of a cell phone

Description automatically generated

1. Chrome will check for updates.

A close up of text on a white surface

Description automatically generated

1. Now you will have to sign in. If you don’t want to or have a Google account, you can create one.

A picture containing refrigerator

Description automatically generatedA picture containing indoor, computer, laptop, refrigerator

Description automatically generated

1. Once you’re signed in, you can review the sync settings or accept the defaults. Click Accept and Continue.

A screenshot of a cell phone

Description automatically generated

1. You are now successfully signed into Developer Mode on the Chromebook. Now the ability to boot from a USB stick or SD card needs to be enabled.

A screen shot of a computer

Description automatically generated

1. There are two methods to do this, here is one of them. Press Ctrl+Alt+T. This will bring up a browser and take you to the crosh shell.

A picture containing text, photo, black, woman

Description automatically generated

1. Type in the command shell and press Enter bring up the shell prompt.

A close up of text on a black surface

Description automatically generatedA picture containing water, black, young, woman

Description automatically generated

1. To enable booting from SD card or USB stick, type the following command: sudo crossystem dev\_boot\_usb=1 and press enter

A screenshot of a cell phone screen with text

Description automatically generatedA screenshot of a cell phone screen with text

Description automatically generated

1. You can exit the command shell by exiting out of the browser. You will get the following message. Click the Leave button.

A screen shot of a computer

Description automatically generated

1. That is all there is to it!

A close up of a computer monitor

Description automatically generated

**Create a Bootable SD Card with Kali Linux**

1. Download a copy of Kali Linux for your computer.
   1. The downloads for Kali can be found at: <https://www.kali.org/downloads/>. Select the version for your computer.
2. Writing the image to an SD Card
   1. On a Linux or Mac
      1. Bring up a terminal
      2. Check to see if the SD Card is mounted. To do this, enter the following command

***sudo mount | grep sd***

If the SD Card is mounted, you may see something like this:

/dev/disk2s1 on /Volumes/NO NAME (msdos, local, nodev, nosuid, noowners)

Before continuing on, the SD Card partition needs to be unmounted. To do this type:

***sudo umount /dev/disk2s1*** (this may differ depending on your OS)

* + 1. At the command prompt type in:
       1. On Linux:

***sudo dd if=<path to your Kali image file> of=/dev/<path to your SD Card> bs=1G status=progress***

* + - 1. On Mac:

***sudo dd if=<path to your Kali image file> of=/dev/<path to your SD Card> bs=1g***

* 1. On Windows
     1. Follow the instructions at: https://www.handheldgroup.com/knowledge-base/create-a-bootable-sd-card/

**Boot from an SD Card into Kali Linux**

1. Insert an SD card with your image of Kali on it into the SD Card slot on your Chromebook

A computer sitting on top of a wooden table

Description automatically generated

1. Press the power button.
2. When you see the screen telling you OS verification is Off, press Ctrl+U to boot from the SD Card. This would also boot from a USB stick if you’re using one for this process. Hint: USB runs slower than the SD Card.

A screen shot of a computer monitor

Description automatically generated

1. The screen will blank out and you should see the boot process start

A picture containing monitor, indoor, electronics, sitting

Description automatically generated

1. Once the computer has booted properly, you should see a prompt for Username and Password

A flat screen tv sitting on top of a television

Description automatically generated

1. Go ahead and type in the super-secret password for Kali Linux and click Log In

A picture containing video, remote, sitting, monitor

Description automatically generated

1. This is how the screen should look once you login.

A flat screen tv sitting on top of a computer

Description automatically generated

1. At this point you can continue using Kali or power the machine off. If you need to use the wireless network, you will need to configure it.