

Connecting personal devices to the BYOD wifi network

Gloucester Public Schools offers a B.Y.O.D. (Bring Your Own Device) network for staff to connect their personal devices to the internet. This network does not communicate with any of our internal resources for various security reasons. This network is purely for staff use and no student should ever be using a device on the BYOD network, whether their own or lent to them by a staff member. This guide will demonstrate how to connect your:

- [Windows PC](#)
- [Mac Laptop \(Macbook Pro, Macbook Air, etc.\)](#)
- [Chromebook \(HP, Acer, etc.\)](#)
- [Android Phone](#)
- [iOS \(iPad or iPhone\)](#)
- [Papercut \(printing from a personal device\)](#)

Please see the following sections of the guide for your respective device that you wish to configure on the BYOD network.

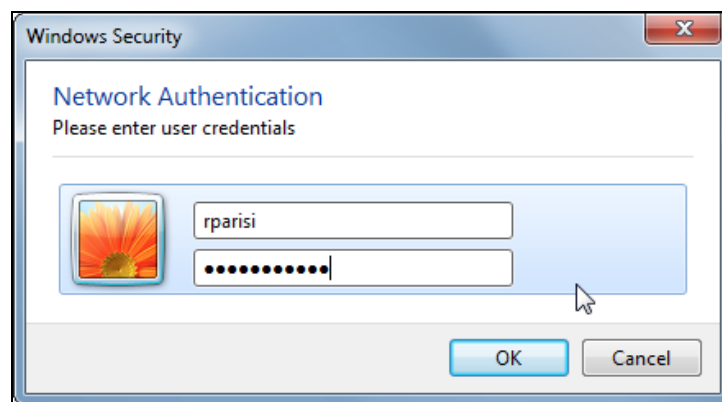
Please note: This guide refers to the terms “username” and “password” multiple times. They are referring to the username and password that you use to login to district provided Windows and Apple machines. **They are not** in reference to your email or email password (although your email password may be the same as your Windows/Apple password).

To connect a Windows PC to the BYOD network

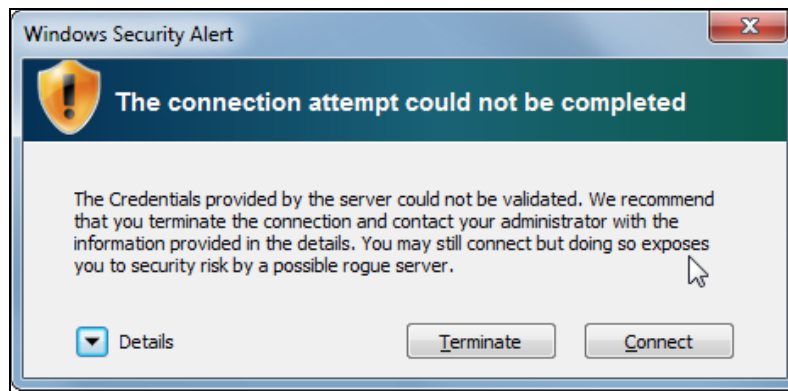
Select GPS-Staff-BYOD from your available wireless networks



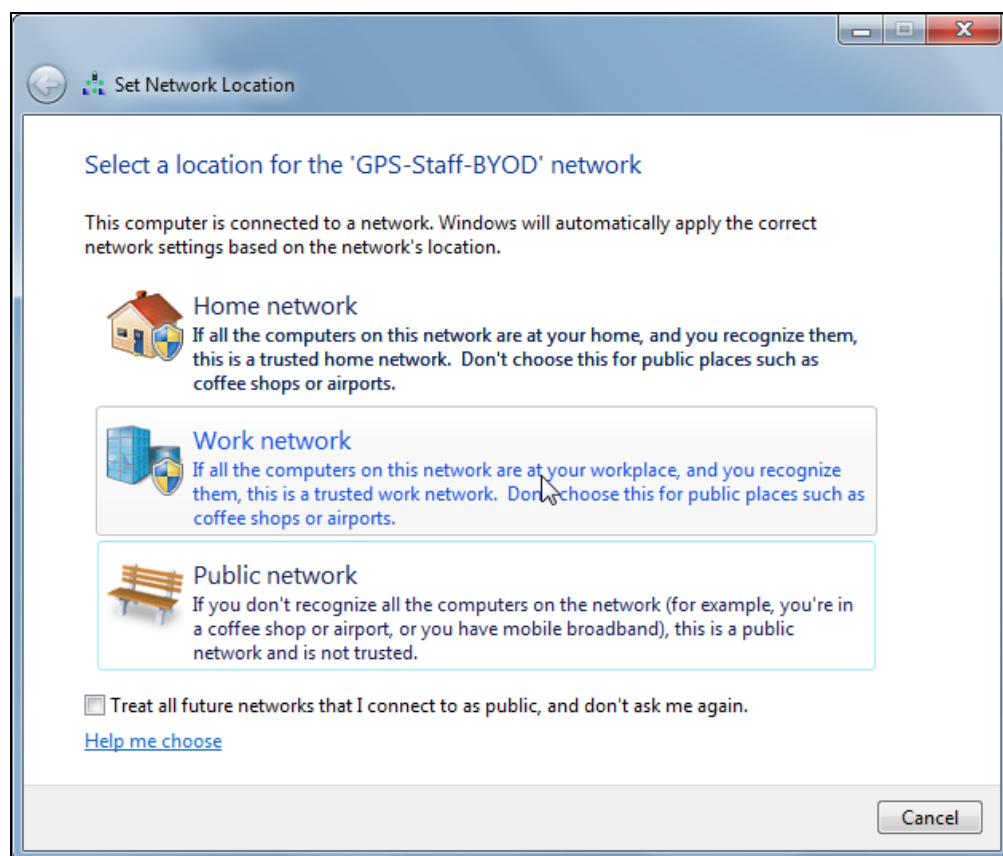
Enter your login information



If the see the following error click the “connect” button. If this doesn’t work it may mean your device is part of another domain and you will not be able to join the network. Please submit a helpdesk ticket (helpdesk.gloucesterschools.com) if you need help with this.



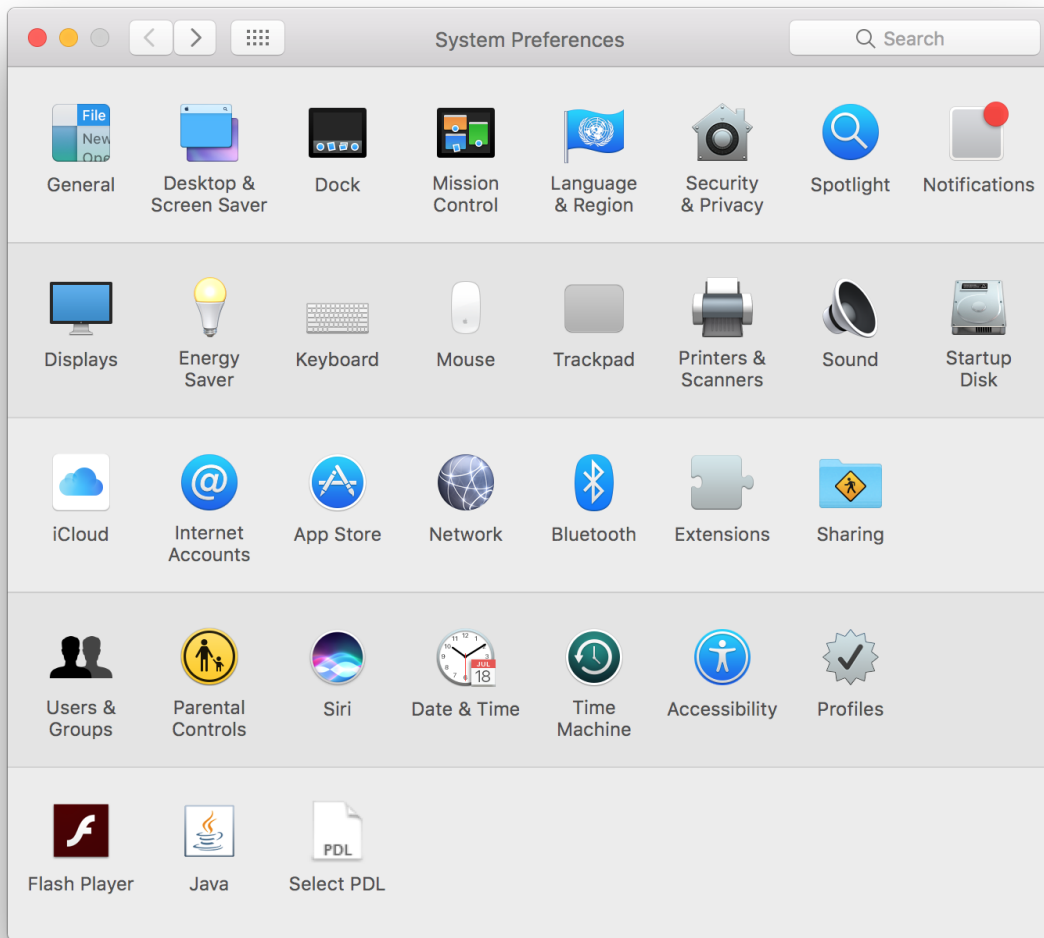
Select “Public network” from the following pop up:



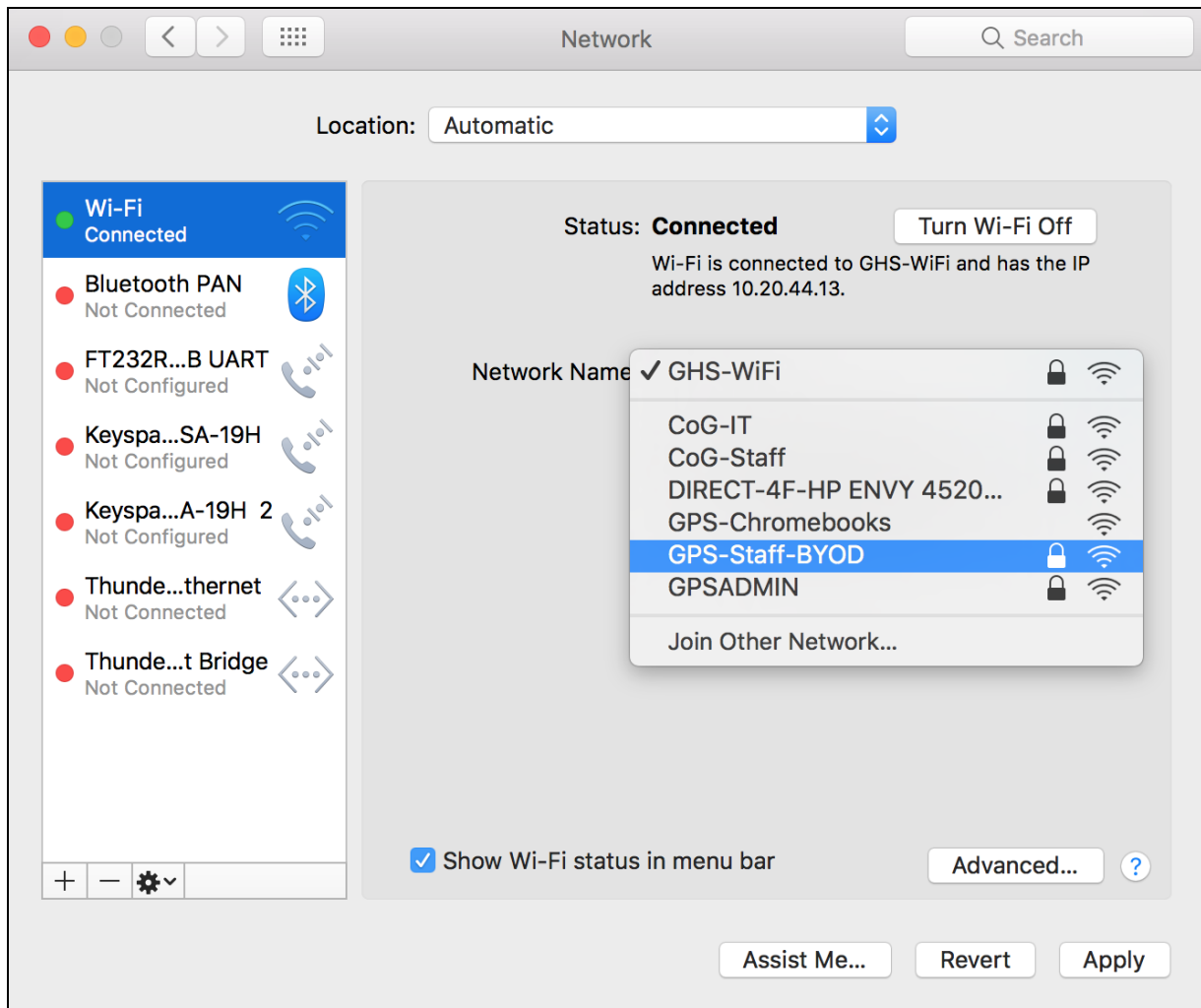
This concludes the Windows PC configuration section. Your device should now be connected to the GPS-Staff-BYOD network.

To connect an Apple Computer to the BYOD network

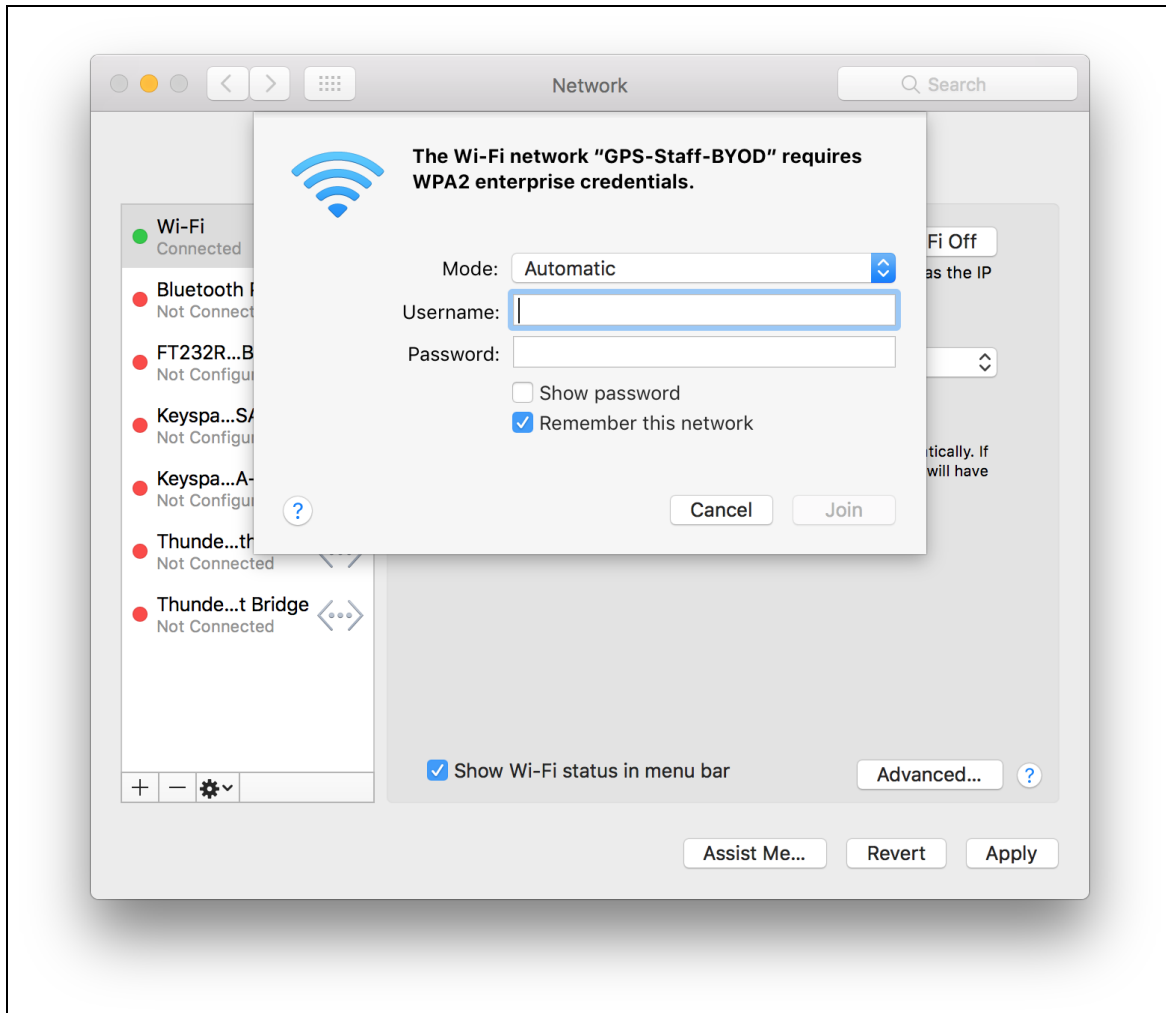
Go to System Preferences and click on the “Network” icon. It is generally located in the third row.



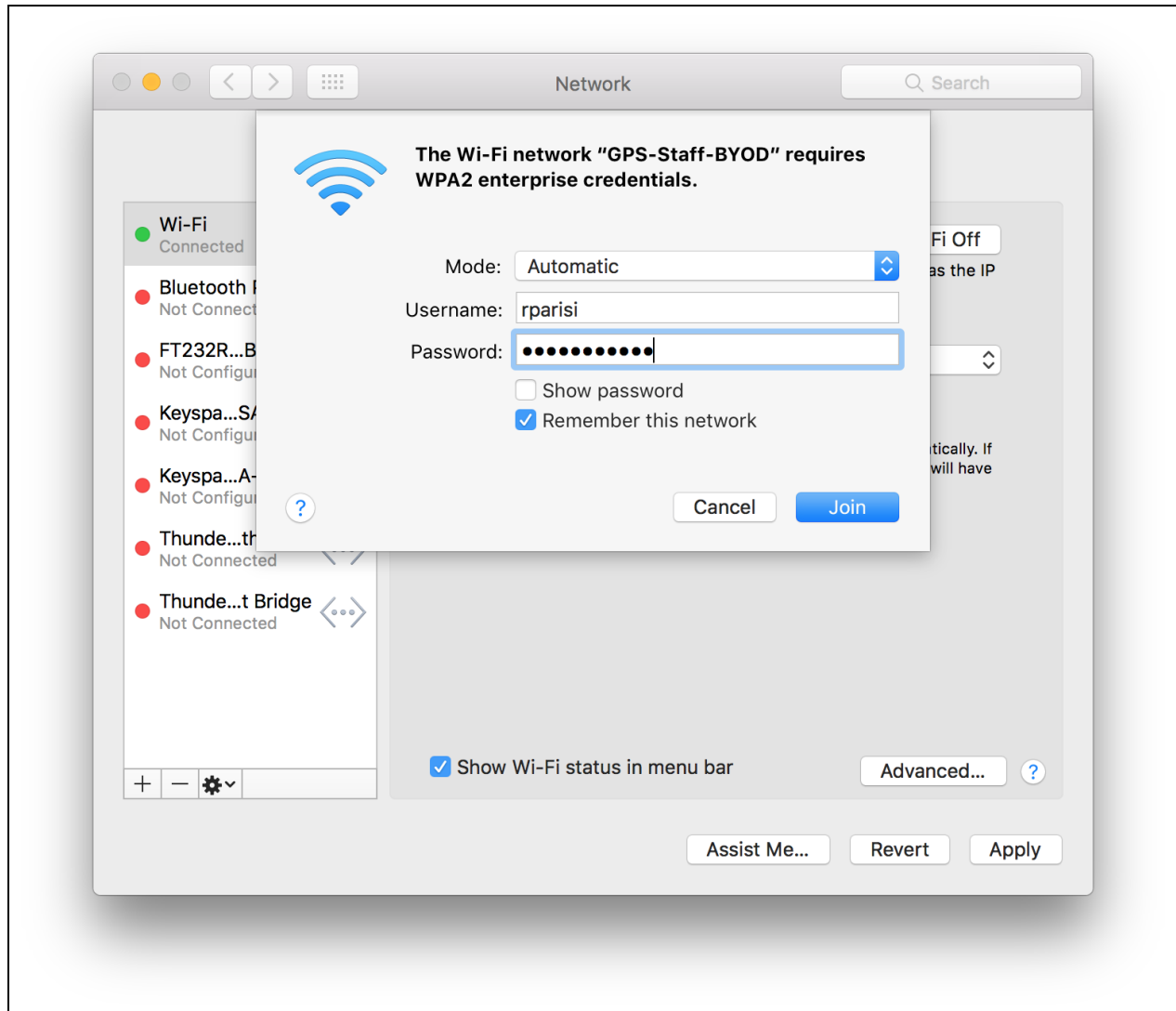
Select the “GPS-Staff-BYOD” network from the “Network Name” dropdown, like so:



Log in with your username and password



Select to “remember this network” (if you want to always connect automatically) and click “Join”



***Note*:** Some users may see a pop up title “Verify Certificate”. If this occurs, simply click “connect”

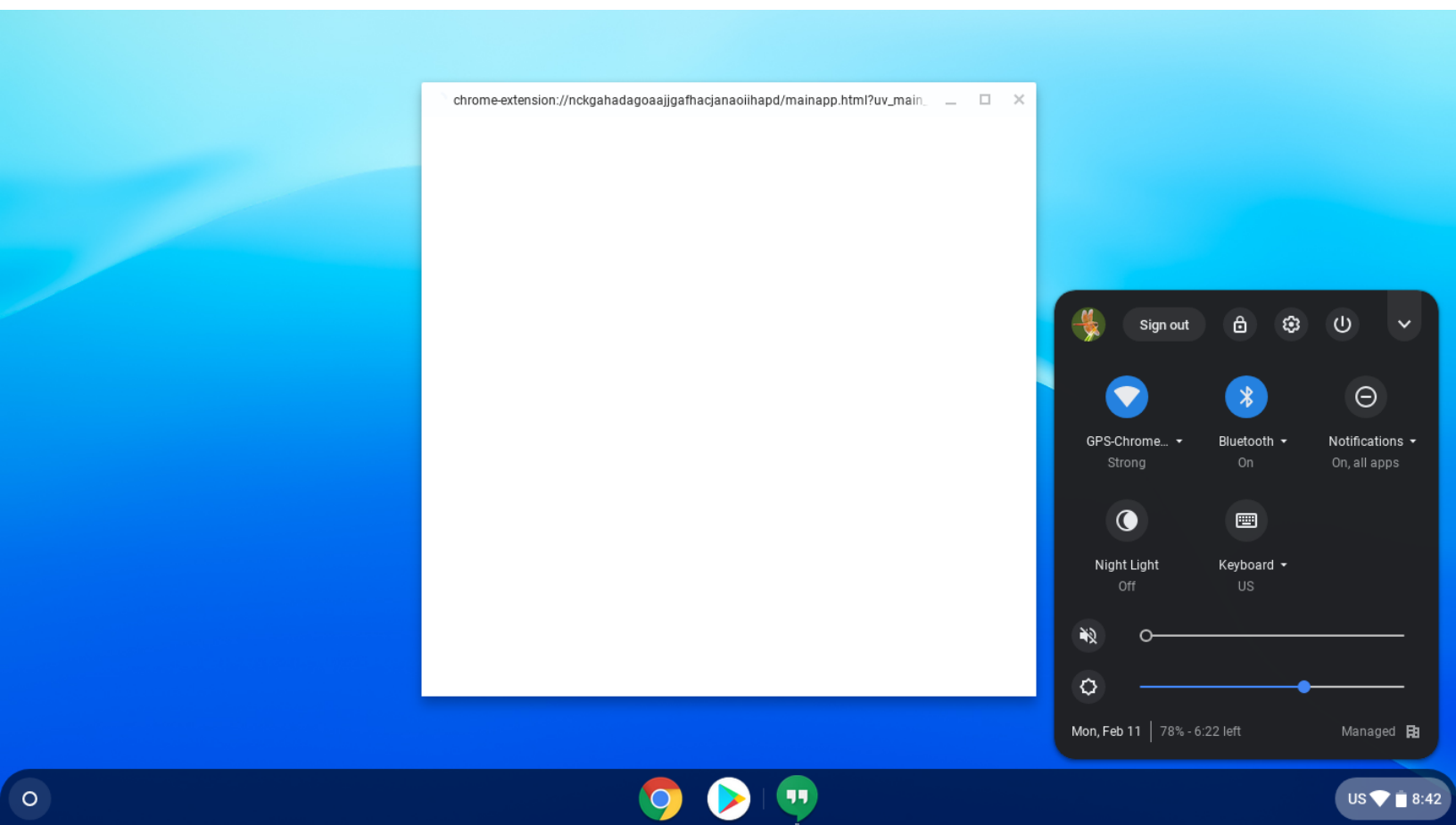
This concludes the Macbook configuration section. Your device should now be connected to the GPS-Staff-BYOD network.

To connect to a Chromebook to BYOD

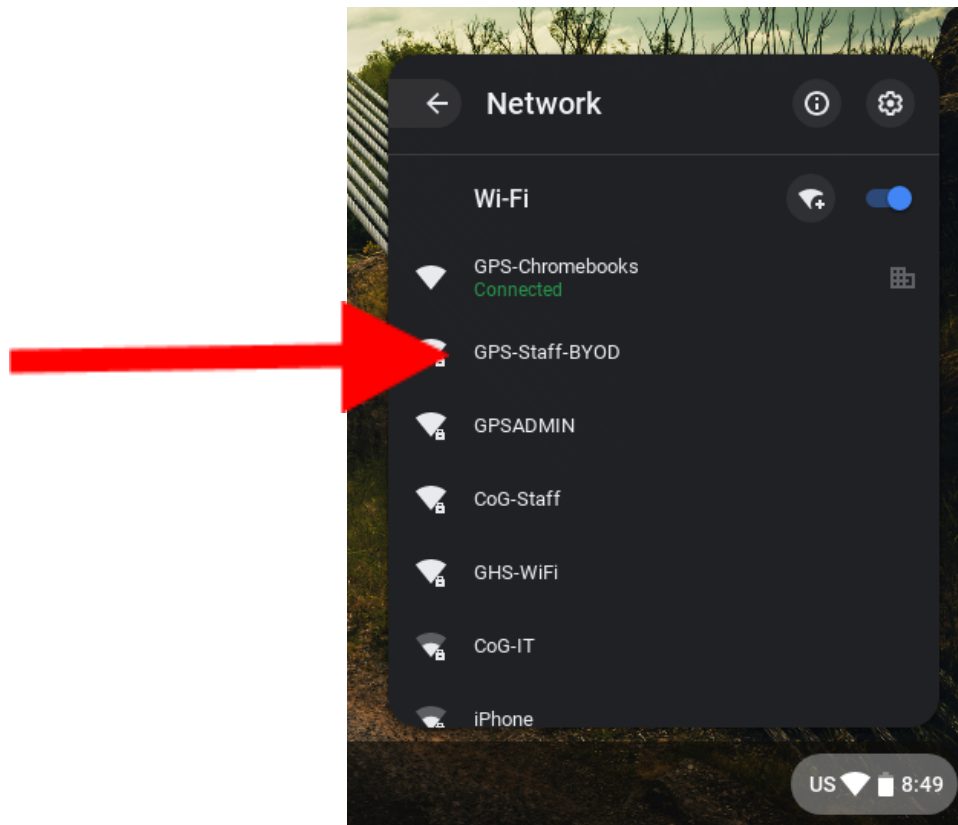
To connect your Chromebook or Chrome device, first click on the menu bar located in the bottom right hand corner of the screen, pictured below:



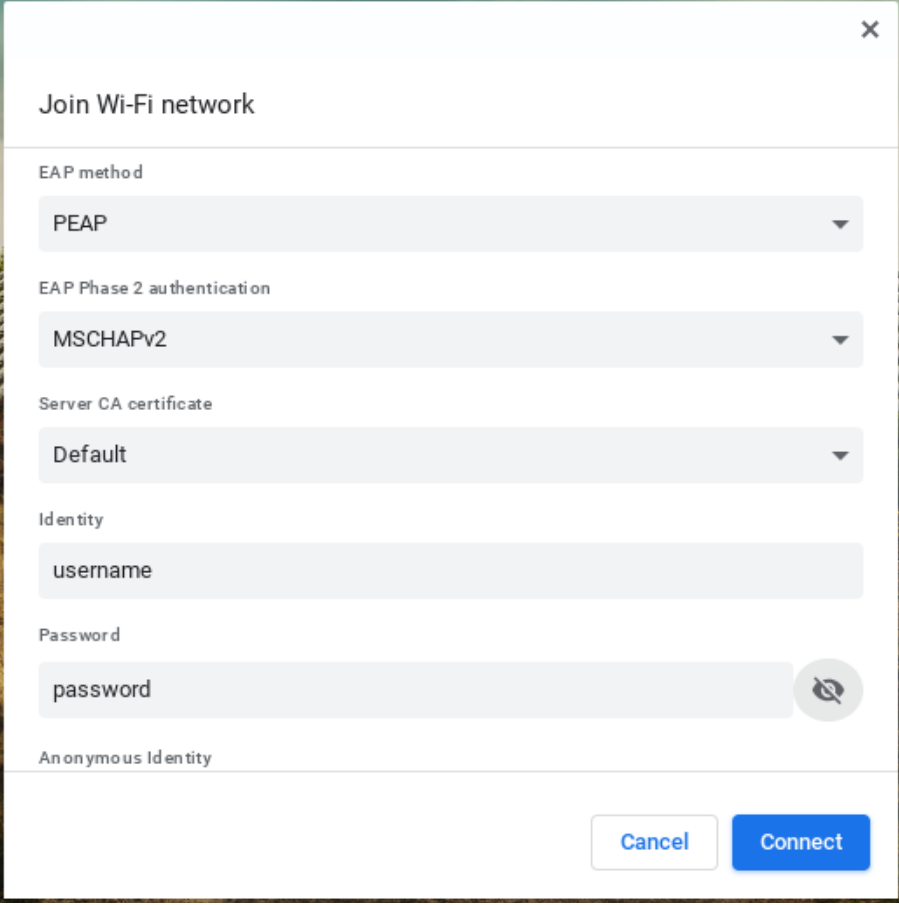
Next, click on the WiFi name to access the WiFi settings, this will be located on the menu that pops up, pictured below:



Next, click on the preferred WiFi network you wish to join, in this case it would be “GPS-Staff-BYOD”, pictured below:



Finally, a new window will pop up with settings to connect to the BYOD network with. Please navigate to the “EAP method” dropdown box and select the option “PEAP”. Next, navigate to the dropdown box below that is called, “EAP Phase 2 authentication”, and select “MSCHAPv2”. Next, please enter your username (usually first and last name but whatever is before the @ symbol in your gloucesterschools email address) in the “Identity” text box. In the, “Password” text box below, please enter the password you use to log in to a non Chrome OS computer (i.e. an iMac or a PC desktop). After that, you can just click on the blue “Connect” button and you should connect without incident. Pictured below:



The image shows a "Join Wi-Fi network" dialog box with a close button (X) in the top right corner. The dialog contains the following fields and options:

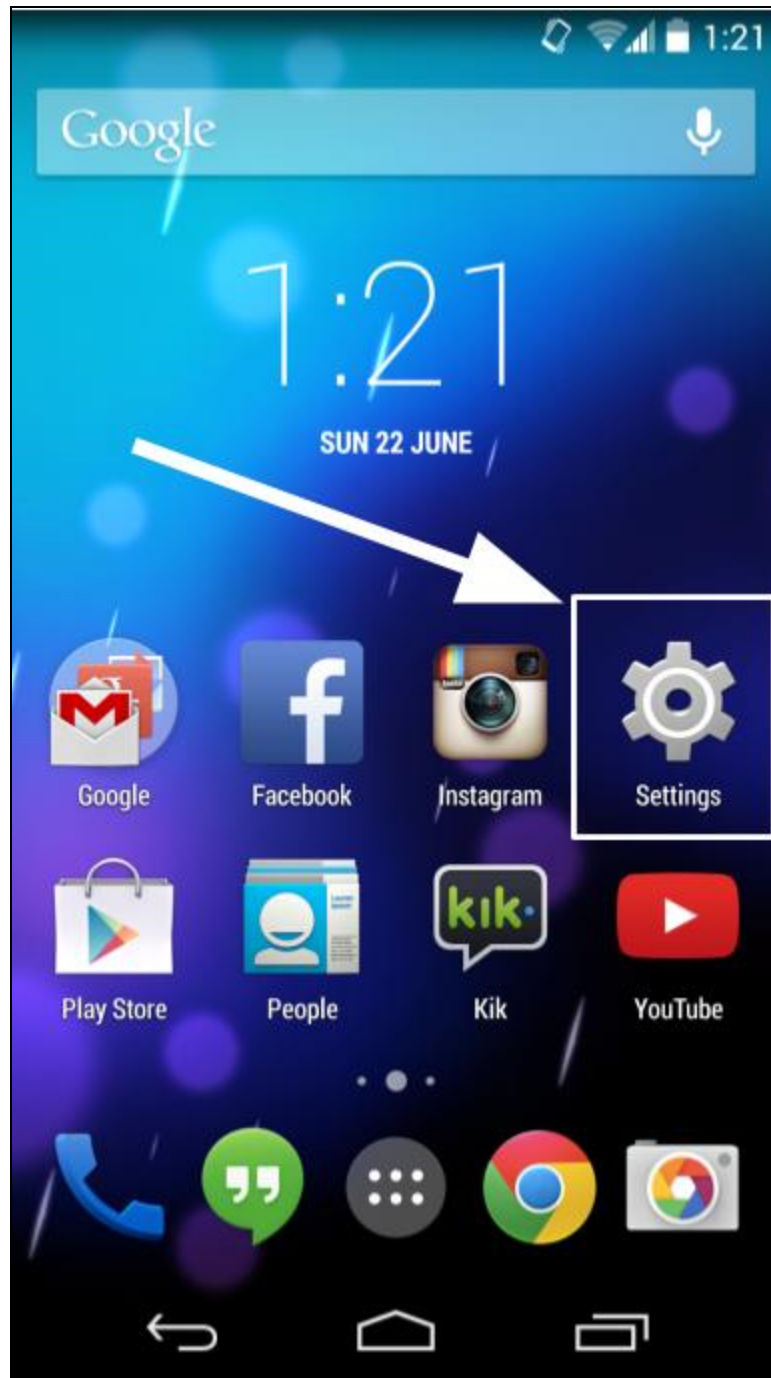
- EAP method:** A dropdown menu with "PEAP" selected.
- EAP Phase 2 authentication:** A dropdown menu with "MSCHAPv2" selected.
- Server CA certificate:** A dropdown menu with "Default" selected.
- Identity:** A text input field containing the placeholder text "username".
- Password:** A text input field containing the placeholder text "password", with a toggle icon (an eye with a slash) to its right.
- Anonymous Identity:** A section header with no input field below it.

At the bottom right of the dialog are two buttons: "Cancel" and "Connect".

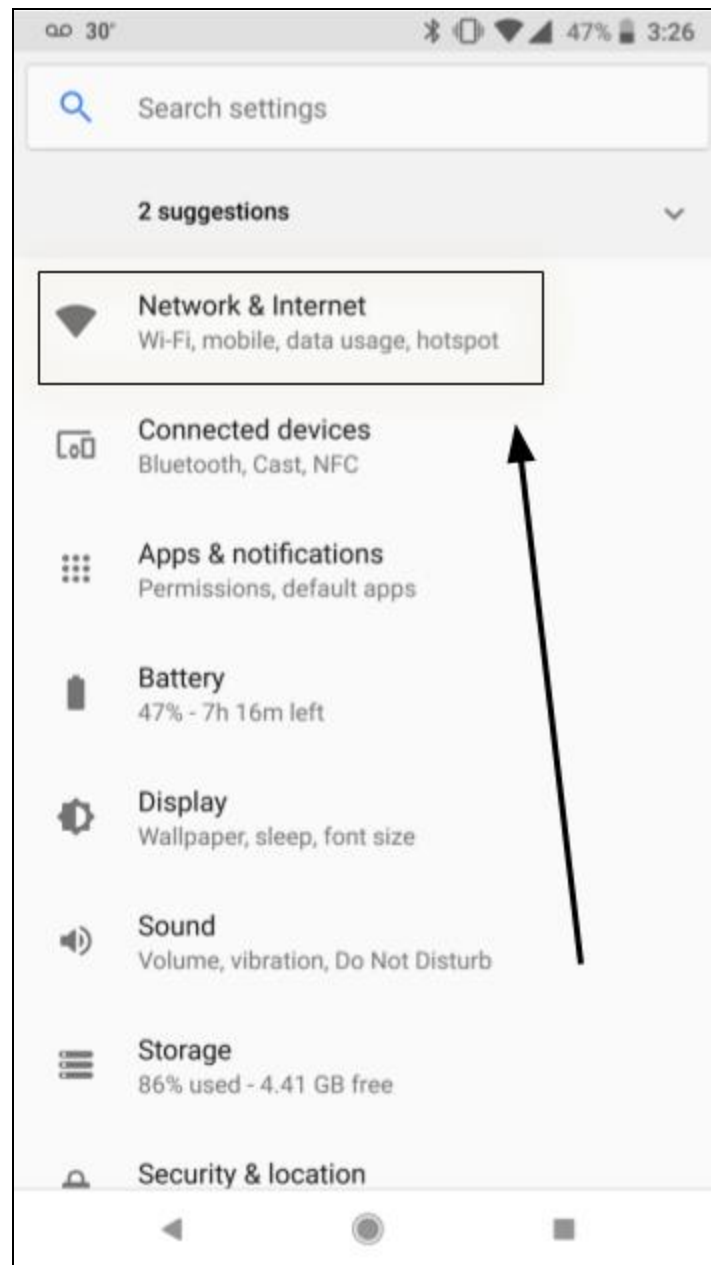
This concludes the Android device configuration section. Your device should now be connected to the GPS-Staff-BYOD network.

To connect an Android device to the BYOD network

To connect an android phone or device, first navigate to the “Settings” application, pictured below:



Next, locate your Wifi settings. This can differ depending on your version of Android, here is a screenshot of the latest version:



From there, select the “GPS-Staff-BYOD” network. You will be presented with a screen where you must select five settings to configure your device properly:

EAP method: PEAP

Phase 2 authentication: MSCHAPV2

CA certificate: “Unspecified” or “Do not validate”

Identity: Input your username

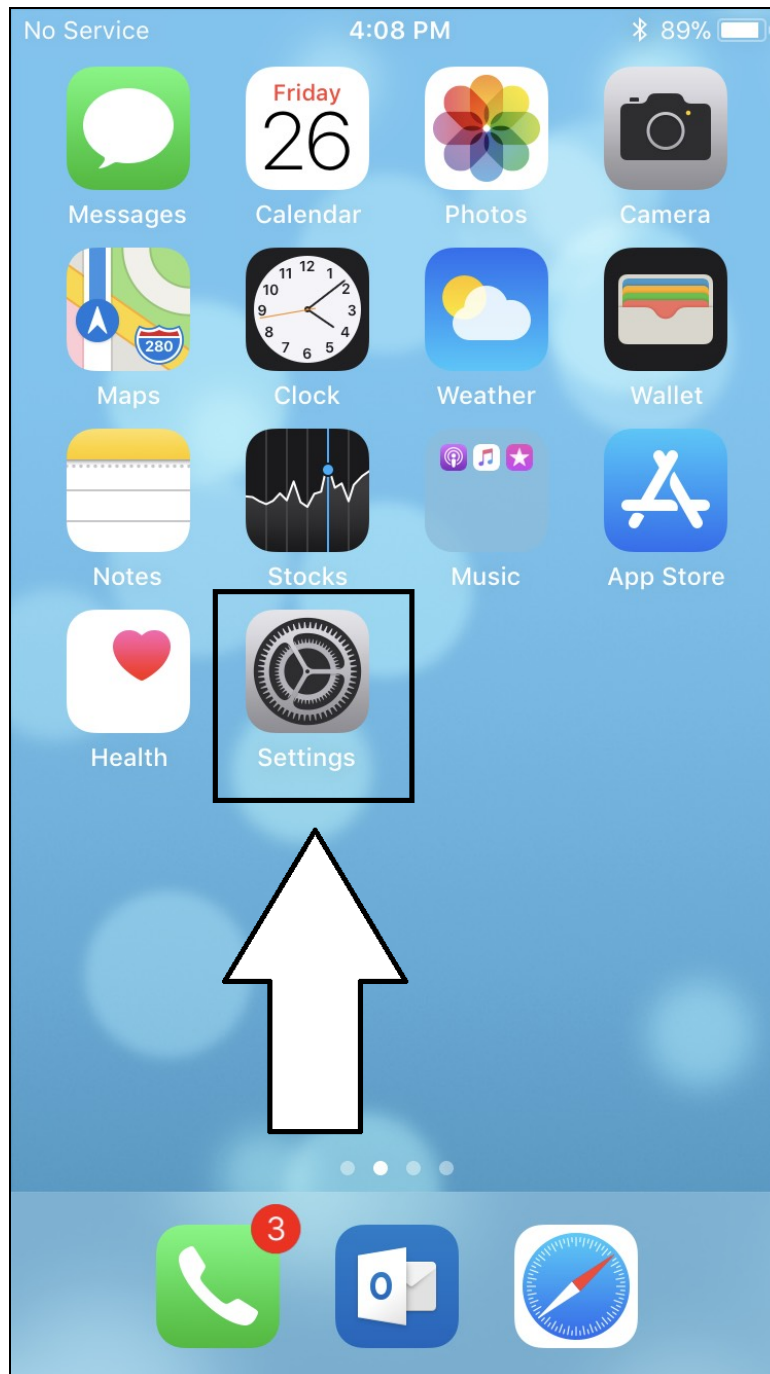
Enter password: Enter your password

The screenshot shows an Android phone screen with a teal status bar at the top displaying "AT&T", signal strength, alarm, Wi-Fi, 91% battery, and the time 09:32. A white dialog box titled "GPS-Staff-BYOD" is centered on the screen. Inside the dialog, the following settings are visible: "EAP method" set to "PEAP", "Phase 2 authentication" set to "MSCHAPV2", "CA certificate" set to "(Unspecified)", "Identity" with a text input field containing "*Type username here*", "Anonymous identity" with an empty text input field, "Enter password" with a text input field containing "*Type password here*", and two checkboxes labeled "Show password" and "Show advanced options", both of which are unchecked. At the bottom of the dialog are two buttons: "CANCEL" and "CONNECT".

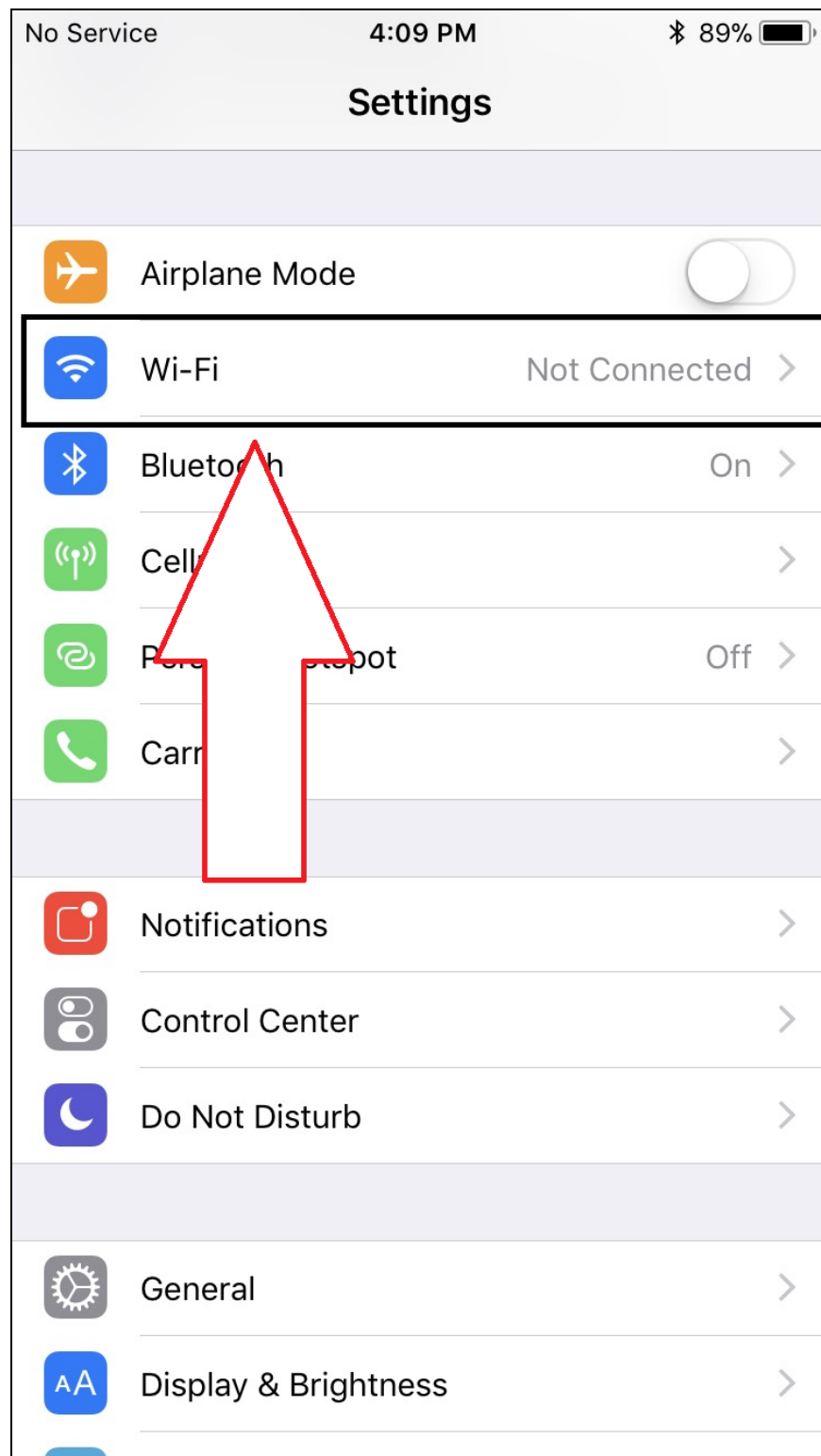
This concludes the Android device configuration section. Your device should now be connected to the GPS-Staff-BYOD network.

To connect an iOS device (iPhone, iPad) to the BYOD network

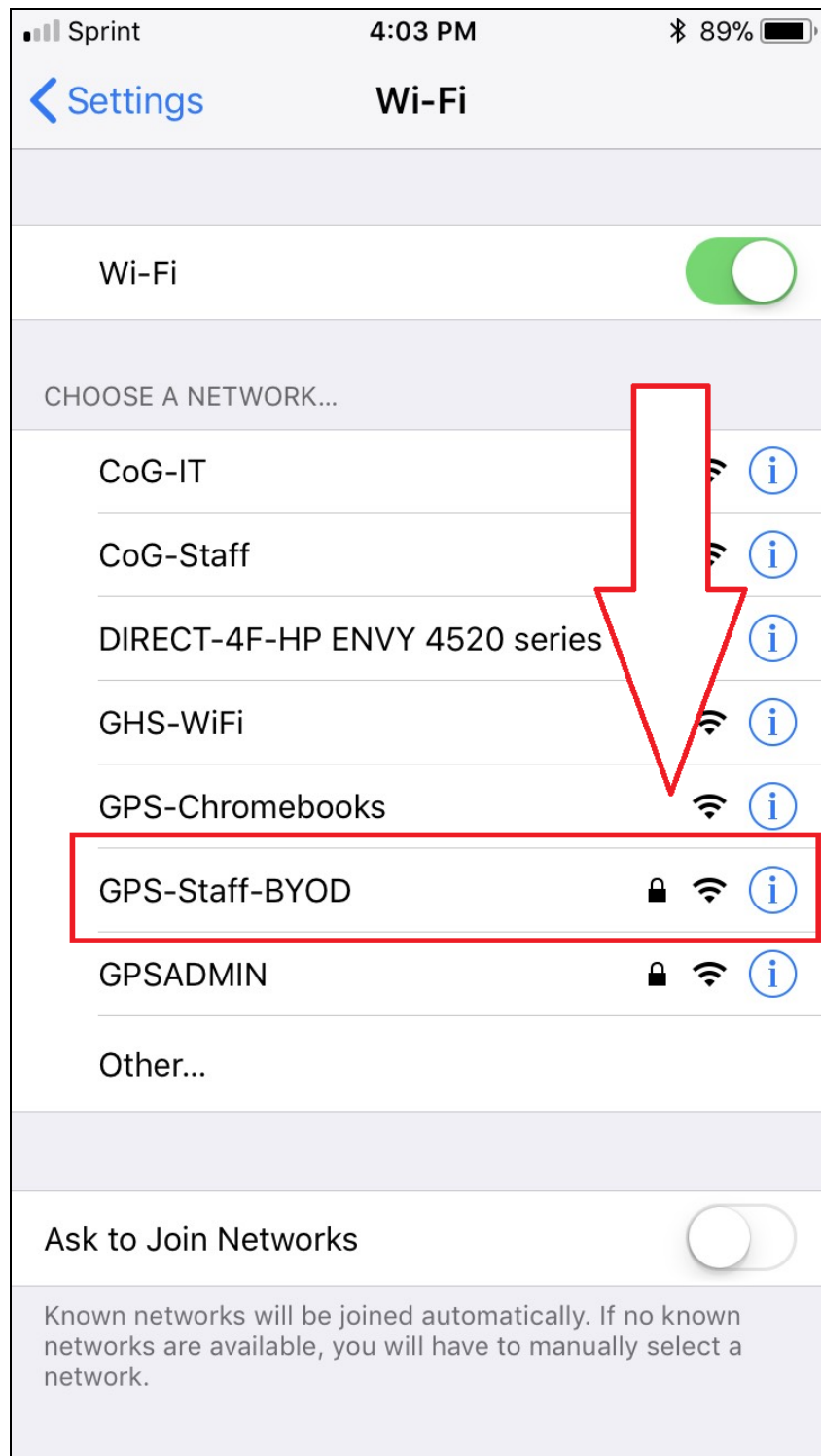
First, locate the “Settings” application on your phone



Next, select “Wifi” from the left side menu:



Select the “GPS-Staff-BYOD” network as shown here:



You will see the following screen. Here you will enter your username and password and then select “Join”:

The screenshot shows an iPhone screen with a status bar at the top displaying "No Service", "4:03 PM", and "89%" battery. The main screen has a title bar that says "Enter the password for 'GPS-Staff-BYOD'". Below the title bar are three buttons: "Cancel" (blue), "Enter Password" (black), and "Join" (gray). The screen is divided into two input fields: "Username" and "Password". Below the input fields is a large, empty, light gray rectangular area. At the bottom of the screen is a standard QWERTY keyboard with a "Next" button on the right.

No Service 4:03 PM 89%

Enter the password for "GPS-Staff-BYOD"

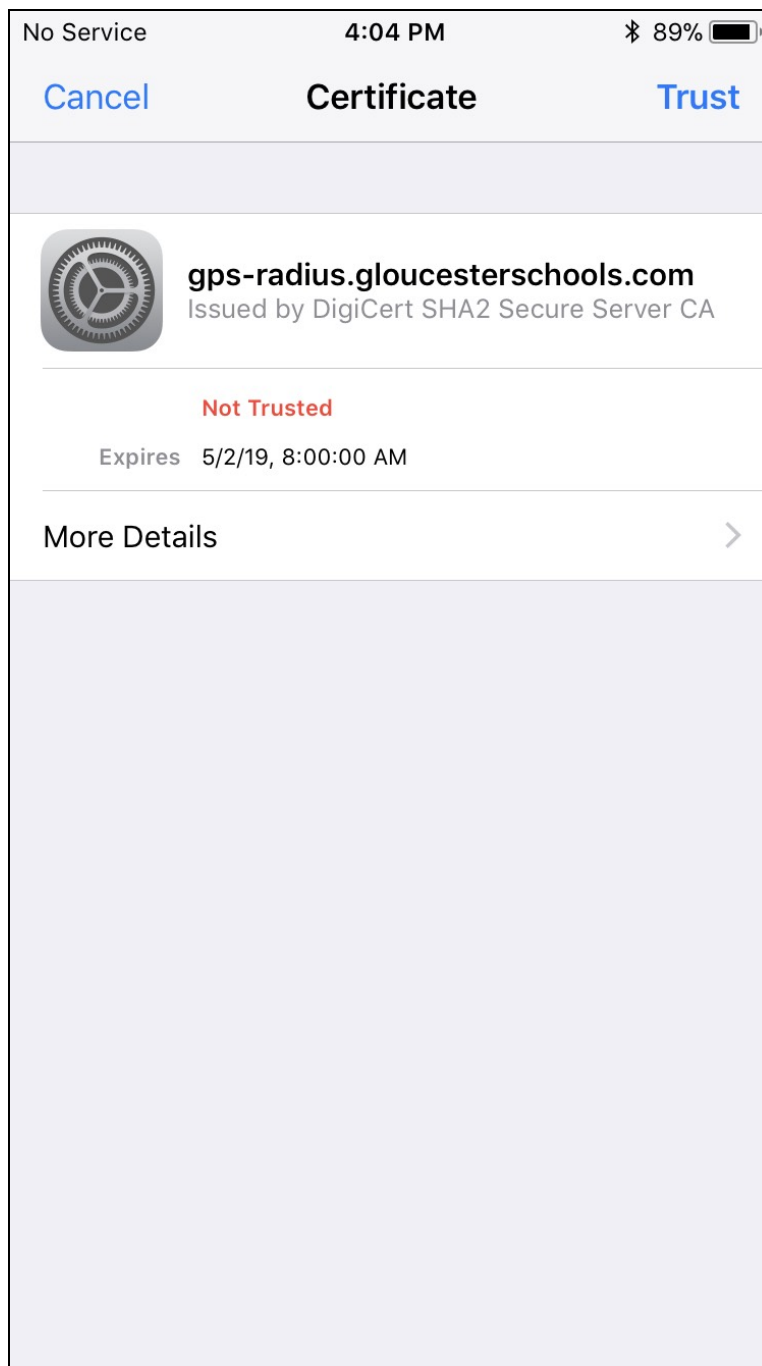
Cancel Enter Password Join

Username

Password

q w e r t y u i o p
a s d f g h j k l
↑ z x c v b n m ↵
123 globe mic space Next

Please note - the following may pop up on your screen after clicking “Join”. If it does and you are presented with the following screen, select the “Trust” option:



This concludes the iOS device configuration section. Your device should now be connected to the GPS-Staff-BYOD network.

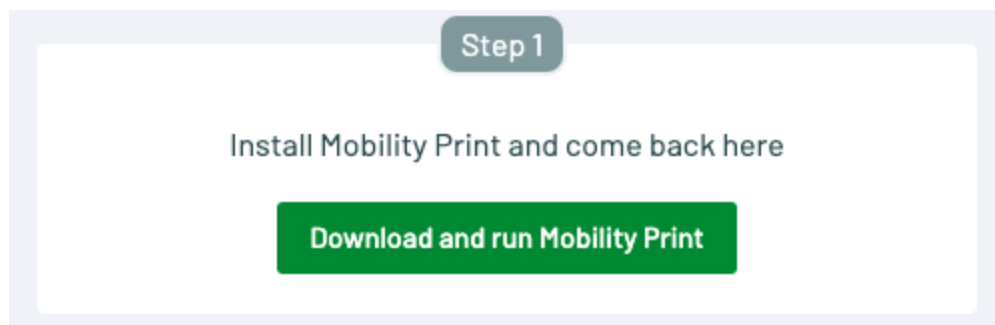
To Setup Papercut on Your Personal Device

Google has recently changed its printing policies and completely removed Google Cloud Print. In response to this, IT has introduced a new program that will replace Google Cloud Print moving forward. Papercut will allow you to print from your personal device much like Google Cloud print did, however, there are a few steps to get it working first. Please follow the directions below:

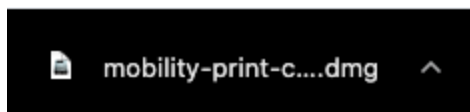
1. Open this link:

https://mp.cloud.papercut.com/macros?token=eyJhbGciOiJSUzI1NiIsIm9yZyl6Im9yZyY1BQVc1TlJRUSIsInNydiI6lnNydi1XWjUxR1FXTSIsInR5cCI6IkpXVCJ9.eyJpYXQiOiE2MDcwMjEzMzksImIzcyl6lnNydi1XWjUxR1FXTSIsImp0aSI6Iklk1QTFBEBEVkw4IiwibG5rIjoiTlBMJERWTDgiLCJvcnciOiJvcnctQUFXNU5SUVEiLCJzcnYiOiJzcnYtV1o1MUdRV00iLCJzdWIiOiJ0b2tlbkNyZWFOaW9uIn0.t5Mbksuoay5Yw-DRk-JWzvOCaWhh2OhsYwuRDeEDnWKy33kUEGAkdnmvP-nGWqDEEIHYtNycg7cvPVrkoCPJb5EuLE1t14HW7P4Kfg_8MIN7OUh7W1rE2kpGa36k_9MiVS7G4S0toE4lbXI3QpBqMTM1Gx_isku6521MDsu1RQ3fohs-w3-bpC1p_DSr971LQRuUsKNcx1Gi0nHFMr5kwdOW_kYJ2dWjvvaDs7tO-0g7HxmjlZEKXQ89be1FBSgi16ixDhkQ9sPxPdftf9m90cR-Gpi1YioCi9cF2W8wgCZJHgtWqafLMqaBLxN5_LifzbqlKfQdh829vV_skZbdZF5BymFab8JnsDLzGT7qSH-uvcaxEraELuouqBFHI0tZYNNZWzWKSqyLywTkmg9p2UcqRI2m4T9xB8ZHLwEGO_HiFuyWL69did2OCPATF5Aaa38PZFANrZqsAwT8IOkmjKD_PiapKdvAtKrbjrzeVMQLtD40x1L3vZO9e-NaQEzx1rbQCO3ONIJ5HCdDMvNkqmkmApMMk0tWg7WKvmNWY_o1uNI6pMFTwYINC6XV1rEV_ccmCTBwl1mVqm-3Cj-UP88-OwQcZuSmD_Ty736ch1u_yqkfK8swjyCwudlY2YizXt6mQytJhDdsISKk0wg7haiM-XaNGrbXwwFuu1DHnOvtg

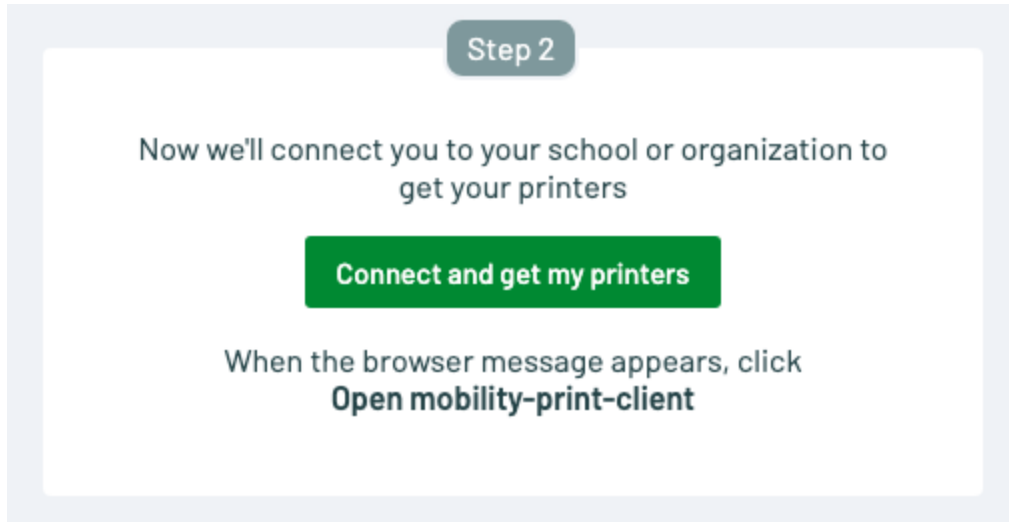
2. Click on the green button under "Step 1" labeled, "Download and run Mobility Print"



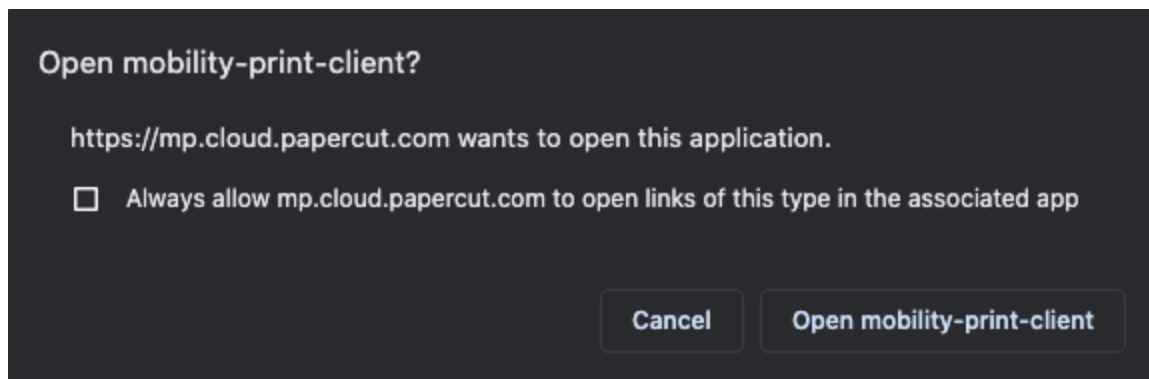
3. That will start a download, once it has finished please run the application and follow the on screen instructions to complete the installation process.



4. Once the install has completed, click on the next green button underneath "Step 2" labeled, "Connect and get my printers"



5. A popup window will appear and it will ask, "Open mobility-print-client?". Click on the "Open mobility-print-client" button on the bottom right of the new window (be sure to click allow or ok for whatever windows popup)



6. Now you have been connected to the printers, try to print from them. To do this go to whatever you would like to print and do so. Within the print preview window that comes up, click on the printer destination on the top right and drop-down menu will appear. Click "see more" and this will show you all the printers you have access to. The new printers will say "Mobility Print" at the end of the name so make sure to select one of those.
7. Once you have selected the desired printer click print and a new window will pop up asking for you to sign in, please do so with you @gloucesterschools email account. This window will only appear the first time you try to print to a new printer, subsequent prints will not require you to sign in.

The first time you print with a new printer it might take some time but printing afterwards should run quicker. If you have any questions or issues please let us know. **Without the ability to manage personal devices** we will provide our best effort in getting this service to work but cannot guarantee that all devices will be compatible.