HOW TO CONNECT YOUR DEVICE TO THE SCHOOL WI FI

iOS (iPhone and iPad) - Auto Method (recommended)  

iOS (iPhone and iPad) - Manual Method  

Windows 8.1  

Windows 7  

Android  

Mac  

ChromeBook
Connecting iOS devices to the DER network - ‘Auto’ Method

1. Click the ‘settings’ icon
2. Select WIFI
3. Choose ‘nswdet’
4. Type in first.last#@detnsw and password (# means a number if you have one)
5. Accept the certificate
6. Click the blue ‘i’
7. Click ‘Auto’

8. When this pops up, type in username and password (don’t forget to add ‘@detnsw’)
Use this method if the 'auto' method does not work

iPad, iPad Mini and iPhone

**Step 1 – Hook to the Wifi**

1. Make sure the wireless is turned on. Both nswdet and detnsw may appear on your wifi choices. Choose detnsw first.

![Select detnsw](image1)

2. Choose ‘detnsw’ and enter your Student Portal login details. Put @detnsw after your username e.g Harry.Potter@detnsw

![Enter password](image2)

3. Accept the Certificate

![Certificate](image3)

4. The @detnsw will now be ticked and your iPad or iPhone is hooked to the wifi. Internet will still not work though.

**Step 2 – Enter the Manual Proxy**

5. Now, go back to settings > wifi > click on the blue ‘i’ symbol on the ‘detnsw’ or ‘nswdet’ that you are connected to.

6. Choose ‘Manual’ in the HTTP Proxy down the bottom and enter Proxy details
   - Server: Proxy.det.nsw.edu.au
   - Port: 8080

![Proxy settings](image4)

7. Next turn Authentication on and add your username and password.

8. Now when you open the Internet browser you will be prompted to fill in your portal username and password. Your username is first.last@detnsw

NB – iDevices remember your details so there is no need to turn off the Manual Proxy at home

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**Windows 8.1 + Windows 10**

**Step 1 – Hook to the Wifi**

1. Click on the WiFi symbol on the desktop taskbar.

2. From the Wireless menu, select the detnsw or nswdet connection.

3. Enter your Student Portal login details. Put @detnsw after your username. If prompted to ‘continue connecting’, choose ‘connect’.

4. Enter your username and Password into the Proxy Connection details and click ok. **Add @detnsw**

**NB – if this step does not appear, do not worry. It will be fixed in the next step**

**Step 2 – Enter the Manual Proxy Details**

5. Choose Charm Bar > Change PC Settings > Network

6. Choose Proxy > Tick the third option – Manual Proxy Setup > On > Enter details > Save
   - Address: proxy.det.nsw.edu.au
   - Port: 8080

**Automatic proxy setup**
- Automatically have settings: Off
- Use automatic configuration script: Off
- Script address: 

**Manual proxy setup**
- Use a proxy server for Ethernet or WiFi connections.
- Use a proxy server: On
- Address: proxy.det.nsw.edu.au
- Port: 8080
- Use the proxy server except for addresses that do not use (To separate entries): 

**NB – Reverse the steps to undo the Proxy when you are off Department of Education Wifi.**

Created - July 2015
Connecting your own device to school wifi

Windows 7 laptops

1. Click on the wireless connection icon at the bottom right of your screen.

2. Select nswdet wireless and click Connect.

If it’s successful enter your internet username and password, but put @detsw at the end of your username. Then jump to Step 14.

If it fails to connect, don’t worry. Click Cancel.

3. Click Open Network and Sharing Centre.

4. Click on Manage wireless networks.

5. Click Add

6. Enter the details as per the picture below and click Next.

7. Click Change Connection Settings.

8. Go to the Security tab and make the details are as follows and then click Settings.
Connecting your own device to school wifi

9. Untick this option.

10. Click on Advanced settings.

11. Change the settings as per the picture below and click Save credentials.

12. Put your internet username and password. Add @detnsw at the end of your username.

13. You should now be connected the the internet. Reselect the nswdet connection and connect manually if required.

14. Open your internet browser. You will be asked to enter your username and password again.
Step 1 – Hook to the Wifi

1. Make sure the wireless is turned on. Go to the top toolbar and turn Wifi on.

2. From the Wireless menu, select the detnsw or nswdet connection.

3. Enter your Student Portal login details. Put @detnsw after your username e.g Harry_Potter@detnsw and choose connect.

4. The @detnsw or @nswdet will now be ticked and your mac is hooked to the wifi. Internet will still not work though.

Step 2 – Enter the Manual Proxy

5. Click on the nswdet or detnsw connection and choose ‘Show Advanced options’.

6. Fill in the Proxy Settings:
   b. Proxy hostname: proxy.det.nsw.edu.au
   c. Proxy Port: 8080
   Now choose ‘Connect’.

7. Now when you open the Internet browser you will be prompted to fill in your portal username and password.

NB – Reverse the steps to undo the Proxy when you are off Department of Education Wifi.
MacBook, MacBook Air and MacBook Pro

Step 1 – Hook to the Wifi

1. Make sure the wireless is turned on. Go to the top toolbar and turn Wifi on.

2. From the Wireless menu, select the detnsw or nswdet connection.

3. Enter your Student Portal login details. Put @detnsw after your username e.g Harry.Potter@detnsw

4. The @detnsw will now be ticked and your mac is hooked to the wifi. Internet will still not work though.

Step 2 – Enter the Manual Proxy

5. Choose ‘Open Network preferences’ > Proxies


8. Save this page then ‘Apply’ back on the network Preferences panel.

9. Now when you open the Internet browser you will be prompted to fill in your portal username and password. NO @detnsw or @det is needed. Just username and password.

NB – Reverse the steps to undo the Proxy when you are off Department of Education Wifi.
Google Chromebooks

Step 1 – Hook to the Wifi

1. Before you begin, on another computer, you need to download and save a certificate file to a USB.
   a. Go to: https://mad-directories.det.nsw.edu.au/certicaterequest/
   b. Click on PROD Internal from the right-hand menu
   c. When prompted, download and save the file to a USB drive

2. Turn on your Chromebook and sign in as usual. Depending on your Chromebook settings, you MAY need to do this while connected to a non-DEC wireless network.

3. Import the certificate you have saved. To do this:
   a. Go to Settings
   b. Select Advanced settings...
   c. Select Manage certificates...
   d. Go to Authorities tab
   e. Select Import...
   f. Browse and select the certificate. You may need to select All Files to locate it.

4. Select the nswedet (or detnsw) wireless network

5. Complete the next screen with the following details:
   - SSID: nswedet
   - EAP method: PEAP
   - Phase 2 authentication: Automatic
   - Server CA certificate: PROD-DEC-ROOT-CA[PROD-DEC-ROOT-CA]
   - User certificate: None installed
   - Identity: Your portal username with @detnsw at the end (e.g. joe.smith@detnsw)
   - Password: Your portal password
     - Anonymous identity: leave blank

6. On the bottom right corner, click on the WiFi symbol. Then click No network and nswedet (or detnsw)

Step 2 – Turn on the Proxy

1. Click on Settings

2. Tick next to Allow Proxies for shared networks

3. Click on the WiFi symbol again and click on Connected to nswedet (or detnsw)

4. Click on nswedet or detnsw. This will open up a windows with Connection and Proxy tabs. Go to the proxy tab and enter the details as below:
   - Manual proxy configuration: Select
   - Use the same proxy for all protocols: Check
   - HTTP proxy: proxy.det.nsw.edu.au

5. Click Close

The first time you go to a website, you will be prompted to enter your portal username and password.

NB – Reverse the steps to undo the Proxy when you are off Department of Education Wifi.