

School Wi-Fi

IMPORTANT:

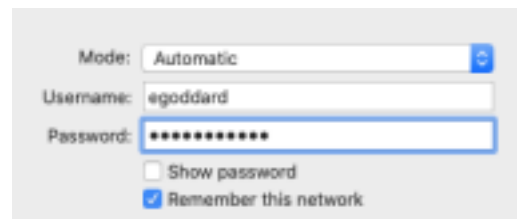
Your school laptop should be connected to **MAGS-Campus** Wi-Fi network at all times. You won't be able to access KAMAR if you are connected to MAGS-BYOD or any other network. MAGS-Campus should be connected to your device automatically. If it is not connected automatically, use your KAMAR username and password to connect to **MAGS-Campus**.

A screenshot of a Wi-Fi connection interface. At the top, a blue Wi-Fi icon is next to the text "The Wi-Fi network 'MAGS-Campus' requires WPA2 enterprise credentials." Below this, there are three input fields: "Mode:" with a dropdown menu set to "Automatic", "Username:" with the text "egoddard", and "Password:" with a series of asterisks. To the right of the password field are two checkboxes: "Show password" (unchecked) and "Remember this network" (checked).

Please note that MAGS-BYOD Wi-Fi network is only for your personal device that you bring to school like your phone.

Click on **MAGS-BYOD-5Ghz** to join the wifi network:

1. In the **Username** box, enter your MAGS username. There is no need to type your whole email address, just the username part is okay.
2. In the **Password** box, enter your MAGS password.
3. Click **Join** to start the connection.
4. If prompted to accept a certificate, accept (and save if possible) the certificate. The certificate helps build a connection between your device and the school systems. The certificate only prompts, or shows, on more modern devices.



A screenshot of a Wi-Fi connection interface, identical to the one above. It shows the "MAGS-Campus" network requiring WPA2 enterprise credentials. The "Mode" is set to "Automatic", the "Username" is "egoddard", and the "Password" is masked with asterisks. The "Remember this network" checkbox is checked.

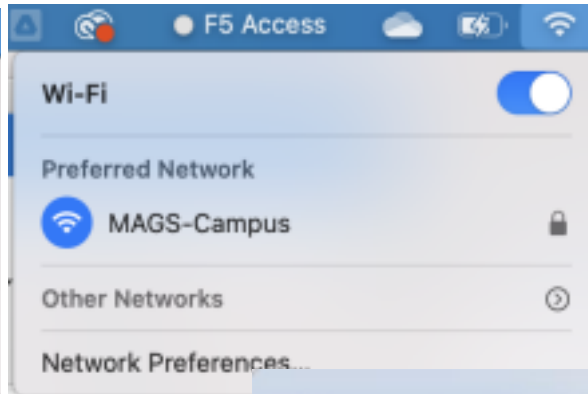
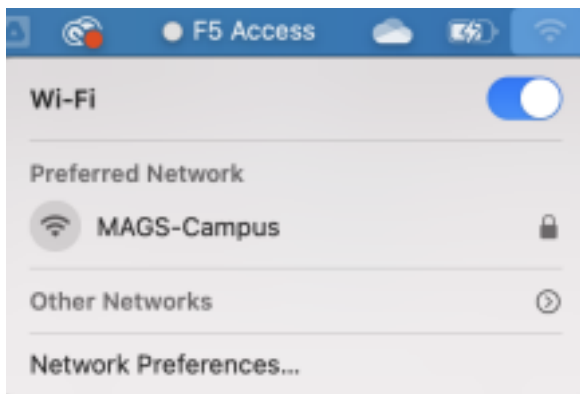
Note: Your Wi-Fi code or password is your KAMAR username and password.

Hints to improve wifi performance


If you are having any major wifi issues, please make sure you lodge a ticket with helpdesk@mags.school.nz and give as much information as possible.

Check you are connected to the wifi

- If the wifi bars  (near top right of your screen) are greyed out , you have lost connection with the wifi.
- Click on **MAGS-Campus**. When you see the circle next to MAGS-Campus go blue, the wifi is reconnected and the wifi bars display white again.
- If this takes too long, turn the wifi off, then back on again.



Check you have the best signal

- Hold down the **option key** as you click on the **wifi bars** to display the information below. The **Tx Rate** is what you want to check. 
- If it is below 100Mbps, you are probably attached to the wifi of a class that you passed by on the way to yours.
- Turn the wifi off, then on again and you should connect to the closest wifi (i.e. in your class) and the TX Rate will be the strongest.
- In 2021, we have noticed we drop out a few times a day and are investigating what could be causing this.
- It is not the new laptops, as ICT staff have noticed this on their laptops with the older chip. It may be an issue with the latest Mac operating system Big Sur.
- Stan is checking that out the various blog posts about this as well.

