

Video 1 Notes

Optimizing Your Internet Speed

Testing Your Internet Speed

- Testing your internet speed will give you a good indication of your upload speed, download speed, and latency. These have a direct impact on your online teaching or learning experience
- www.speedtest.net will give you an accurate overview of your current internet speed

Hardwired Ethernet Connection

- Physically connecting your computer to your router with an ethernet cable allows for a more stable internet experience compared to WiFi. Ethernet cables are affordable and readily available in many lengths. Consider the path from your computer to your router
- [Recommended Ethernet Cable](#) from Amazon. Be sure to measure your length before purchasing
- On your router, ethernet ports are often labeled as LAN (Local Area Network)
- Take a moment to see if your home is already pre-wired with an ethernet port. They are usually wall mounted in some rooms

Ethernet Adapters (dongles)

While many desktop computers have a built in ethernet port, many laptops do not. They require an adapter, also called a dongle, to connect to your home router with an ethernet cable

Apple Mac Users:

The available ports on Macs vary by the manufacturing year. If you need to identify your manufacturing year, click the Apple icon on the top left of your screen then select 'About This Mac'

Macs support Ethernet through Thunderbolt 1,2, and 3, USB-A, USB-C, and a standard Ethernet port. For detailed explanations about your Mac's ports, use [Apple's Connections Guide](#).

- If you have Thunderbolt 1 or 2 ports, consider the [Thunderbolt to Gigabit Ethernet Dongle](#) (\$29)
- If you have USB-C/Thunderbolt 3 ports, consider the [Belkin USB-C to Gigabit Ethernet Dongle](#) (\$29.95)
- If you only have USB-A ports available, consider a [USB-A Dongle](#) (\$29)
- iPad (not recommended): consider the [Belkin Ethernet/Power with Lightning Connector](#). This allows for a hardwired ethernet connection while powering an iPad

PC Users:

Check to see if your computer has a dedicated ethernet port first. Many newer models still include them in their designs

- If you do not have an ethernet port, you can connect through one of your USB-A ports using an adapter like this [Anker USB to Ethernet Dongle](#) (\$19.99)
- If you have a newer model that includes a USB-C port, you can use the [Belkin USB-C to Gigabit Ethernet Dongle](#)
- Microsoft Surface: Purchase of the [Microsoft Surface Dock](#) is recommended to make the most use of its limited ports. It provides an array of connection options while providing power at the same time (\$200.00)

If you have any questions, please email us at mediaproduction@yale.edu