Mobile device connectivity

Mobile devices and Wi-Fi

Almost all mobile devices are capable of connecting to wi-fi networks

**It is advisable to connect to wi-fi networks when possible because data used over wi-fi does not count against the cellular data plan**

**Also wi-fi radios use less power than cellular radios basically it saves battery power**

**Also when connecting security measures should be taken such as:**

- Never send login or password info using unencrypted text

- Use a VPN

- Enable security on home networks

- Use WPA2 or higher encryption for security

Wi-Fi settings

Two of the most popular operating systems for mobile devices are android and IOS

**Each has settings that enable you to configure your device to connect to wireless networks**

Configure mobile wifi connectivity

**If your mobile device does not prompt to connect to a wifi your SSID broadcast may be turned off, or the device may not be set to connect automatically**

SSID = name assigned to a wireless network

Configure cellular data settings

**Mobile devices are prrprogrammed to use a wifi network for internet if one is available and the device can connect to the access point and receive an IP address**

If not the device uses the cellular data capability if it is configured

Bluetooth configuration on a windows laptop video

... video on how to connect bluetooth on laptop … :|

Simple connectivity with bluetooth

Provides a simple way for mobile devices to connect to each other and to wireless accessories

Bluetooth is wireless, automatic and uses very little power which helps conserve battery life

UP TO 8 devices can be connected together at any time

Some examples:

Hands-free headset

Keyboard or mouse

Stereo control

Car speakerphone

Tethering (mobile is connected to mobile/PC to share network connection)

Mobile speaker

Bluetooth pairing

How to connect with bluetooth …….. :|