WiFi/Carrier Data
Backup & Syncing

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WiFi

- 200 - 300 ft range
- Secured vs Unsecured
- Internet provided by network owner
- speed varies considerably
- No data limits (usually)

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Carrier Network

- 1 - 5 mi range
- Secured (mostly)
- Internet provided by
  - Verizon, AT&T, T-Mobile etc.
- speed varies enormously
  - E, 3G, 4G, LTE
- Data limits usually apply

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Bluetooth

- up to 30ft range
- No Internet
- Used to connect nearby devices
- quality of connection varies

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**How to connect**

**WiFi**

Settings ➜ WiFi

Turn On or Off

Select desired network

Enter password or username & password if secured network

Some unsecured networks require passwords

Will reconnect automatically

**How to connect**

**Carrier Data**

On automatically but may be turned off.

device will default to WiFi if connected

Settings ➜ Cellular Data

Turn On or Off

Cellular Data Options

Enable LTE

Data Roaming

**How to connect**

**Bluetooth**

Keyboards, Headsets, Pencils, Cars

Pairing

Slightly different for each device.

You may have to read instructions that come with your device

Settings ➜ Bluetooth

make accessory device discoverable

follow on screen instruction(s)

**Backups**

**Wired**

Connect it to your computer via your 30-pin or lightning connector

Make a backup via iTunes

If not set to do an iCloud backup it will automatically perform a backup when the device and your computer are connected

Can be encrypted
Backups

Why?

What it does

Backups contain user iMessages and texts, content purchase history, photos and videos, device settings, app data, voicemail password, and health data.

iCloud

Settings ➔ Your Name ➔ iCloud

Go to iCloud Backup

Turn it on

It will show the date and time of the last backup

Backups

iCloud

Backup now

Automatic Backup

Conditions

No more than once every 24 hours

Must be “charging”

At least 50% charged

Syncing

Making data match in multiple devices

For Example

contacts, calendars, reminders, photos

bookmarks, etc.

Primarily via iCloud or other 3rd party cloud services

Could be WiFi only, like some password apps

Must be using the same Apple ID
Syncing

Settings ➔ Your Name ➔ iCloud

iPad

iPhone

Mac in Operating System

PC - must download iCloud for Windows

Set up each machine with the same settings

Find my iPad/iPhone

Find it

Lock it

Erase and Brick it

Bonus

Apple Pay

Student Discounts

Apple (UNiDAYS)

UNiDAYS - discounts

Adobe

Microsoft