



# Computer Technology

Which one do I need?



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# Devices

- Desktop Computer
- Laptop Computer
- Netbooks
- Chromebook
- Tablet
- Smart Phone
- Ipod



# Quick Comparison

	Desktop	Laptop	Netbooks	Chrome Book	Tablet	Smart Phone	iPod
Mobility	No	Yes	Yes	Yes	Yes	Yes	Yes
Expandable	Yes	Some	Some	Some	Limited	Limited	No
Peripherals	Lots	Lots	Some	Some	Limited	Limited	Limited
Lan/Wifi/3g	Lan/Wifi	Lan/Wifi	Lan/Wifi	WiFi	WiFi/3g	Wifi/3g	Wifi/3g
Storage	Large	Large	Large/Mid	Cloud	Limited	Limited	Limited
Camera	No	Some	Some	Yes	Some	Some	Some
Web Apps	Full	Full	Full	Limited	Limited	Limited	limited

# Computer Core

There are MANY different versions

## Operating Systems

- Windows
- Apple (MAC)
- Android
- Linux

## Browsers

- Internet Explorer
- Safari
- Google Chrome
- Mozilla Firefox
- Opera



# Browser Plug-ins



	Chrome Book	Apple Tablet	Android Tablet	Windows Tablet
Adobe Reader				
Adobe Flash				
Adobe Shockwave				
Java				
Quicktime				
Silverlight				
DirectX				

# Network Infrastructure

- Connectivity -- Hardwire / Wireless
- Speed -- 10/100/1000 or 802.11a/b/g/n
- Density -- Wireless
- Bandwidth Controls -- Packet Shaping
- Security-- Vlans / L3 / Firewall
- Access – Encrypt / MAC / AD
- Web Filtering – CIPA

# Cloud Computing

- What is it?
- Do I need it?
- Where are my files?
- Who has access to my files?



# Discussion

- Lesson Plans
- How do I keep students on task
- Monitoring Student Progress
- Cheating vs Resource
- Policies