

Name	
Class	
Date	

Chapter 4

Networks and the effects of using them



4.1.3 Bluetooth, Wi-Fi and Network Types

What the syllabus says you need to know:

- understand the use of WiFi and Bluetooth in networks
 - describe how computers can use WiFi and Bluetooth to connect to a network
- understand how to set up and configure a small network, including: access to the internet, the use of a browser, the use of email, access to an Internet Service Provider (ISP)
- understand the characteristics and purpose of common network environments, such as intranets and the internet
 - describe the differences between an intranet and the internet
 - explain the purpose of an intranet and how that differs from the purpose of the internet
 - describe the uses of an intranet and internet
 - define the terms Local Area Network (LAN), Wireless Local Area Network (WLAN) and Wide Area Network (WAN)
 - describe the differences between a LAN, a WLAN and a WAN
- understand the advantages and disadvantages of using different types of computer to access the internet
- **Lesson Objectives:**

Describe the difference between Wi-Fi & Bluetooth

Compare why you would use Bluetooth or Wi-Fi

Identify different types of networks and their uses

Useful links (Support)

bbc.co.uk/bitesize/topics/zjvg9j6

ictlounge.com/html/networks.htm

quizlet.com/342756485

Bluetooth, Wi-Fi and Network Types

Starter – Whack a Mole

Go to the link: bitly.im/c413-starter

Starter extension:

What is the difference between a MAC and IP address?

Key Words identified in the lesson

Key Word	Description
WAP	
AP	
Hot Spot	
WPAN	



Wi-Fi	Bluetooth

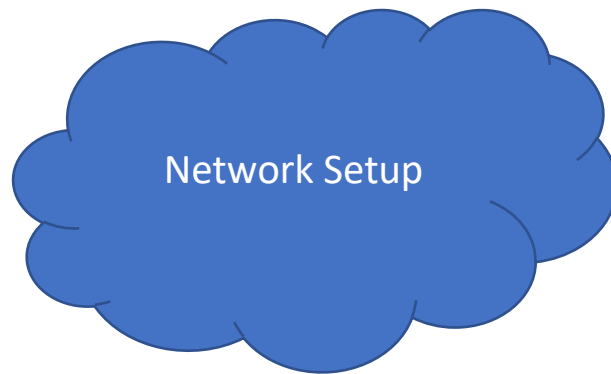
FINISHED? TEST YOUR KNOWLEDGE FURTHER WITH THE CHALLENGES ON THE LAST PAGE

NEED SUPPORT? TRY THE HELP LINKS ON THE FIRST PAGE

Using P63 of your coursebook, complete the differences between Wi-Fi and Bluetooth:

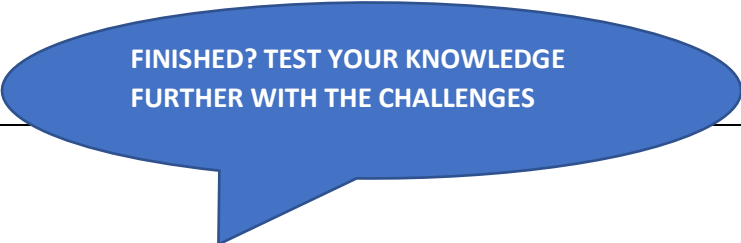
Feature	Bluetooth	Wi-Fi

If you were asked to set up and configure a small network what would you actually need? Around the outside of the bubble list all the hardware/software/expertise needed.



Completing independent research, identify the differences between LANs, WANs and WLANs. You should include a diagram below to show the layout of the network.

LAN	WAN
WLAN	



Complete Challenges (if applicable)



