

Basic Requirements Necessary to Gain Internet Access

An **ISP/Internet Service Provider** is needed to gain internet access. For example; Eircom, VirginMedia, Vodafone, etc.

An ISP is a company that offers connection to the internet via the company's network

- Provides Software, Hardware, Username, Password, Number
- Fee charged for access & setup

Once this is established there are two ways to gain access:

1. ***Wired/dial up broadband*** – this needs a cable to connect a router to the internet.
2. ***Wireless – wifi or 3G/4G*** – does not require a cable to establish a connection between a computer and the internet

Broadband

- A high bandwidth connection to the Internet which involves large volumes of information being carried at high speeds to your PC.
- Easier and faster to use than the traditional telephone and modem.
- Can be provided over your phone line, via cable or via satellite.
- Connection to the Internet is always on, allowing for constant Internet access.
- Normally, you pay a standard monthly fee for unlimited internet access and you are not charged for the time you spend on the Internet.

Wireless Broadband

Wi-Fi or High speed internet access using radio signal frequency without cables or wires.



Requires

- Broadband service
- Wireless transceiver (a wireless card or antenna)
- A wireless router.

Allows access to the internet from anywhere inside the coverage area, as determined by the location of your wireless router.

Devices that use the internet

- Desktop Computer
- Laptop
- Tablets – iPad or androids
- Smart Phones
- Netbook



Action	Information Technology Used? Y/N
Wake up to the alarm clock	
Make some porridge using the microwave	
Make a cup of tea	
Get dressed	
Leave the house for work, setting the alarm	
Walk down the road	
Cross at the traffic lights	
Wait for the bus	
Arrive at work	
Clock in	
Leave work	
Go to the ATM for some money	
Buy a paper and a bar of chocolate	
Do the lotto	
Get the bus home	



Look up what trains leave for Galway

**Check the weather forecast for
tomorrow**

