

## NETWORKING COMPUTERS

### Setup Broadband with router:

1. Install DSL or Cable Modem
2. Install Router
3. Plug Ethernet CAT cable (blue with LinkSys router) from modem to the router. (Follow router directions for setup) Note: the blue cable that comes with the LinkSys router is not a "crossover" cable and therefore will not allow you to connect directly from the modem to the computer. The red cable that comes with Sprint DSL is a crossover cable and will allow you to connect computer directly to the modem and connect to the internet when troubleshooting a problem later
4. Plug other Ethernet CAT cables from other computers to the router.  
Restart computer.
5. On each computer click big E and attempt to get online. IF cannot get online, Reset Router as below
  - a. Shut down computer
  - b. Unplug router's power cord.
  - c. Turn modem off, all in the order listed.
  - d. Wait 30 sec.
  - e. Turn on modem, wait for lights.
  - f. Connect power cord to router, wait for lights
  - g. Turn on Computer. Now you should be able to get online with each computer that's connected to the router.

### Network Setup with XP

1. On your computer (Main ), Go to Control Panel. Click Network to bring up the Network Wizard.
2. Select Connect through Other Gateway.
3. Give Description of the computer, e.g. Toshiba Laptop (different for each computer)
4. Give a Name to the computer, e.g. Marc Laptop(different for each computer)
5. Give a Name to the Workgroup, e.g. Whitedog (name of workgroup should be written as one word with no spaces, and same workgroup MUST be used for all computers on this network)
6. Click Share Printer & Files, Rightclick the particular printer and/or files and folders that you wish to share. Select Share this.....
7. Put in a floppy disk and copy the Network.exe file to it. This will be used to setup the other computers as part of the network.  
**NOTE: IF your computer does not have a Floppy A drive, you can use a CD or flash drive or you can just use the Network Wizard to setup each computer separately, being very careful to give the very same Workgroup to each computer but different computer name and computer description to each individual computer.** I prefer to use the Network Wizard for each computer.
8. Insert Network Floppy disk into other computer to be added to the network (Justin's)
  - a. Insert Network Floppy into the A: drive of (Justin's) computer
  - b. Doubleclick MY Computer, doubleclick the Floppy A: drive.
  - c. Doubleclick the Netsetup.exe file
9. Restart computer

10. DoubleClick My Network Places

11. DoubleClick Entire Network. All computers connected to the router should be listed.

Doubleclick a computer to view it's folders and files.

Note: See below Network setup with graphics from Microsoft.

<http://www.microsoft.com/windowsxp/using/networking/setup/homenet.msp>

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