***NOTE: Create a logbook in which you will save the results of all your research activities for this unit***

Activity 1:

In today’s lesson we have covered:

* LAN’s
* Devices:

Student’s task:

You are required to add to your knowledge on the above lesson by researching, using books, magazines or the internet.

Some advice: Give the advantages and disadvantages of networking

Give the characteristics of Switches:

i.e. What advantages do switches give to networking

What type of devices are they?

Which layer do they operate at in the OSI model

Switching Algorithms

Give the characteristics of Routing:

What type of devices are they?

Which layer do they operate at in the OSI model

Describe the process of routing packets

Routing algorithms

Routing protocols (NAT)

Routing tables

Design Goals