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

Activity 7:

In today’s lesson we have covered:

* Basic Overview of WAN technologies
* Circuit Switched WAN connections

Student’s tasks:

Find out more about the dial-up connection technology:

* What is the BW required to transmit human speech?
* What frequencies are used for the representation of the Binary code?
* What different types of Modem are available?
* What is the best BW of a bare local loop. (Bare meaning no additional parts to limit the BW)

Find out more details regarding ISDN BRI and PRI connections:

* What is a Bearer channel and how many are there?
* What is a Delta channel and what is its purpose?.
* What is TDM and how does it work?

Find out two companies in the UK where we can lease a high speed data line and at what cost?