

Cambridge Technical Level 3 IT bridging unit

You will be using Thinkable.com - you will need to sign up for a free account. You can use your school email address of computerusername@longbenton.org.uk. E.g. a1smith@longbenton.org.uk.

You should be able to find a Tutorial for RANDOM ANSWERS (there are others you can look at too) down the left hand side of your screen.

Your task is to familiarise yourself with Thinkable and to produce a quiz on the following theory unit (you do not have to cover everything!). Creating an app will be one of the units you will cover and everything below is in another unit!

1.1 Computer hardware,

- input devices
- output devices
- communications devices
- benefits (e.g. integrated devices make portable devices simpler to use)
- limitations (e.g. voice recognition performs poorly in noisy environments)
- uses (e.g. membrane keyboard could be used in harsh physical environment)

1.2 Computer components,

- processors
- motherboards
- storage (i.e. hard drive, solid state, flash, internal, removable, SAS, SCSI, portable, Cloud)
- ports (i.e. USB, Firewire, SATA, Network, Fibre Channel)
- memory (i.e. RAM, ROM, cache)
- expansion cards (i.e. sound, network, graphics, storage controller, fibre channel)
- power supplies
- characteristics
- purpose