

Cambridge National in Information Technologies

Year 10 revision list

LO1 Understand the tools and techniques that can be used to initiate and plan solutions

Phases of the project life cycle

Input and outputs of each phase

Constraints in a project

Planning tools

Gantt charts - benefits

Pert chart - components, advantages and disadvantages

Critical path

LO3 Understand how data and information can be collected, stored and used

Data and information - definitions of each

Methods of collecting data

Uses of sensors and QR codes - advantages and disadvantages

Data sets - advantages and disadvantages

Wearable technology

LO4 Understand the factors to be considered when collecting and processing data, and storing data/information

Types of hackers

Types of cyber security attacks

Logical prevention measures

Backing up data

Secure destruction of data - ways

IT Laws - all

Validity of data

Ethical and moral ways to handle data

LO6 Understand the different methods of processing data and presenting information

Types of software

Features of software (eg. table in Word - advantages and disadvantages)

Hardware needed to present a Powerpoint

Demographics that need to be considered when presenting information to an audience