

Digital Devices, Their Functions and Use

Task 1

Produce a Google Slides presentation which is designed to teach other students about the features and uses of each of the following digital devices, using the Internet to do your research:

- Multifunctional devices
- Personal computers
- Mobile devices
- Servers
- Entertainment systems
- Digital cameras – still, video
- Navigation systems
- Data capture and collection systems
- Communication devices and systems.

Your presentation should:

- Include a slide about each device.
- Describe what the device is used for and how it helps us as individuals and organisations.
- Talk about the different features/specification of the devices and compare some, as part of this you should compare Laptops, Personal Computers and Tablets in terms of their:
 - Performance
 - Repair and Upgrade Ability
 - Average Cost
 - Portability
 - Health & Safety Considerations when using this Display Screen Equipment (DSE)
 - Compare their range of Uses for Individuals and Organisation

When talking about their function and use. Consider the following sectors and their different needs.

- Education and training
- Personal
- Social
- Retail
- Organisational use – business operations, internal and external dissemination of information
- Creative tasks.

Task 2

Answer the following Questions?

Q1)

Describe some of the hardware and software making up the IT system at our school. List the different categories of users; for example, teaching staff and students. Do some departments have specialised IT equipment and software?

Q2)

What features would you look for in a PC that was going to be used for playing games software?

Q3)

Why have sales of digital cameras fallen since 2010?

Q4)

Research the follow Data capture devices are used for and suggest applications for there use: magnetic card readers, RFID readers, biometric devices and sensors.

Task 3

Watch an episode of BBC click (the full version)

What were the main points of the episode?

Taking ONE of the stories and DISCUSS the positives and negatives of that story in relation to modern society. (this should be about half a side of A4)

