Foxford Learning

FOXFORD Plan

YEAR 12

Topic Unit 1: Learning Aim A

Digital devices in IT systems

Autumn 1

Key Vocabulary

Multifunction devices	A device that is capable of performing more than one specific function
Smartphone/ Tablets	It can be used for watching videos, gaming, video calling, internet browsing, and more.
Server	A server is a computer program or device that provides a service to another computer
Entertainment systems	A system of entertainment usually of electronic components that handle audio and video, video gaming, computers, etc.
Still digital cameras	A digital still camera uses a digital medium instead of film, storing photos on a memory card so you can access them for editing immediately.
Navigation systems	A navigation system is a computing system that aids in navigation
Communication devices/systems	Hardware capable of transmitting data, instructions, and information between a sending device and a receiving device.
Data capture systems	Applications that facilitate this process of data capture,
Multi-User OS	An operating system that allows multiple users to connect and operate a single operating system
Utility Software	Software designed to help analyse, configure, optimize or maintain a computer
Proprietor Software	Proprietary software is primarily commercial software that can be bought, leased or licensed from its vendor/developer.
Data processing	When data is collected and translated into usable information.
Real time system	A certain capability within a specified deadline.

Key Skills

Over the course of the topic, I will be able to: –

- Explain digital devices, their functions and use
- Know what peripheral devices and media
- Explain the computer software in an IT System
- Provide various emerging technologies and their effects
- Explain the factors to be considered when choosing IT systems
- Factors affecting the choice of operating system
- Known the principles and implications of open-source and proprietary operating systems.





I will Understand

- Digital devices,
- Computer software
- The emerging technologies
- Factors to be considered when Choosing IT Systems
- What open-source and proprietary operating systems are