

Deyes High School Remote Learning



DEYES HIGH SCHOOL
LYDIATE LEARNING TRUST

Year 12 CTEC

Engage, Enable and Empower

Work for individual students not attending school

Half Term 3: January to February

Pupils who are absent should select the activity that they are up to. Click on the link in the activity box below. This will take you to Office 365 where the work is stored. In the lesson it will tell the pupil if they need to submit the work to their teacher.

Lessons

| Date (week commencing) | Lessons | Focus/Topic/Theme | Hyper link to Activity |
|------------------------|---------|----------------------|--------------------------------------|
| 08/01/2021 | 1 | Types of Servers | Types of Servers |
| 15/01/2021 | 2 | Virtualisation | Virtualisation |
| 22/01/2021 | 3 | Networking | Networking |
| 29/01/2021 | 4 | Connectivity Methods | Connectivity Methods |
| 05/02/2021 | 5 | Business Systems | Business Systems |
| 12/02/2021 | 6 | Business Systems | Business Systems |

CTEC Year 12 - Unit 3 - Fundamentals of IT - L03 - Understand business IT systems Knowledge Organiser

3.1 Types of server

A server is a computer or system that provides services to other computers on a network. It can be a physical machine or a virtual machine. Servers are used to store data, provide web pages, and run applications. They are often used in businesses and organisations to provide services to their users.

3.2 Virtualisation

Virtualisation is the process of creating a virtual version of a computer system. This allows multiple operating systems to run on a single physical machine. Virtualisation is used to save space, reduce costs, and improve security.

3.3 Networking characteristics

Networking is the process of connecting computers and other devices to share resources. It allows users to communicate and share data. Networking is used in businesses and organisations to provide services to their users.

3.4 Connectivity methods

Connectivity methods are the ways in which devices are connected to a network. This includes wired and wireless methods. Connectivity methods are used to provide services to users.

3.5 Business Systems

Business systems are the systems used by businesses to manage their operations. This includes accounting, human resources, and customer relationship management systems. Business systems are used to improve efficiency and reduce costs.

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3.1 Types of server

LAN

Local Area Network (LAN) is a network that connects computers and other devices within a small geographical area. It is used to share resources and data. LANs are used in businesses and organisations to provide services to their users.

Satellites

Satellites are used to provide services to users in remote areas. They are used for communication, navigation, and weather forecasting. Satellites are used in businesses and organisations to provide services to their users.

WAN and MAN

Wide Area Network (WAN) and Metropolitan Area Network (MAN) are networks that connect computers and other devices over a large geographical area. They are used to share resources and data. WANs and MANs are used in businesses and organisations to provide services to their users.

Client server

Client-server architecture is a network architecture where a client computer requests services from a server computer. This is used in businesses and organisations to provide services to their users.

Cloud server

Cloud servers are servers that are hosted in a cloud environment. They are used to provide services to users over the internet. Cloud servers are used in businesses and organisations to provide services to their users.

3.2 Virtualisation

VMware

VMware is a virtualisation software that allows multiple operating systems to run on a single physical machine. It is used in businesses and organisations to save space, reduce costs, and improve security.

3.3 Networking characteristics

Peer-to-peer

Peer-to-peer networking is a network architecture where all computers are equal and can communicate with each other. It is used in businesses and organisations to provide services to their users.

3.4 Connectivity methods

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3.5 Business Systems

ERP

Enterprise Resource Planning (ERP) is a system that integrates all the core business processes of an organisation. It is used to improve efficiency and reduce costs. ERP is used in businesses and organisations to provide services to their users.

CRM

Customer Relationship Management (CRM) is a system that helps businesses manage their interactions with current and potential customers. It is used to improve customer service and increase sales. CRM is used in businesses and organisations to provide services to their users.

Knowledge Organiser



Who to contact
Who to contact. You can email your class teacher if you have any questions regarding the activities set.

CTEC - L03 - Business Systems

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