

Chrisla

ONLINE

Digital

Keep Safe . Keep Healthy.

LISTEN. PRACTICE. UNDERSTAND then WRITE DOWN THE KEY POINTS.



TABLE OF CONTENT 3rd TERM

WEEK 1: Communication System 1

WEEK 3: Application Areas of ICT

WEEK 5: More on Presentation Skills

WEEK 7: Communicate with other ICT users using email

WEEK 9: Computer Ethics

WEEK 2: Communication System 1

WEEK 4: Presentation Package

WEEK 6: Mid Term Break

WEEK 8: Use of Internet as a Source of Information

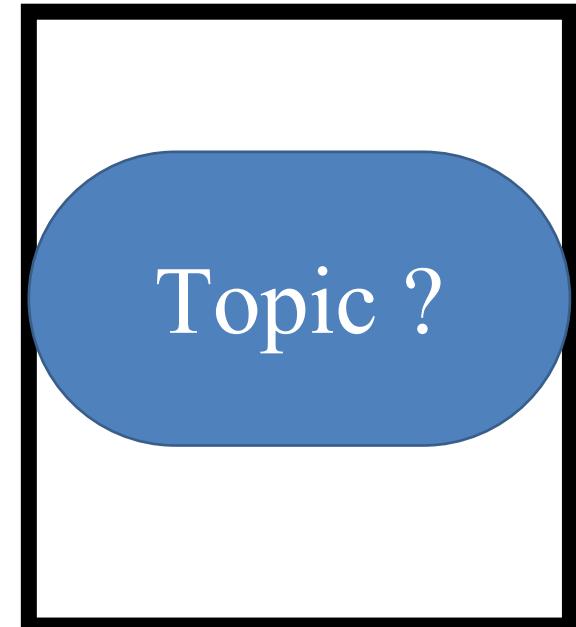
WEEK 10: Examination

Chrisla
ONLINE
Digital Class

Keep Safe . Keep Healthy.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.





What do the images above represent in the field of science?

ICT

Subject

YEAR 10

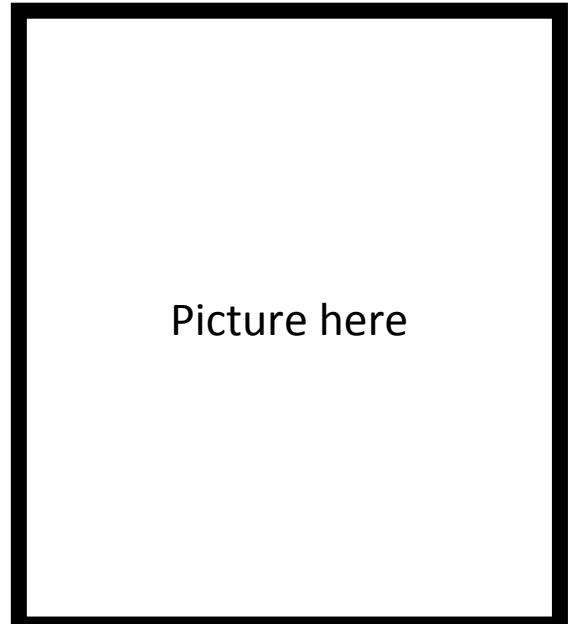
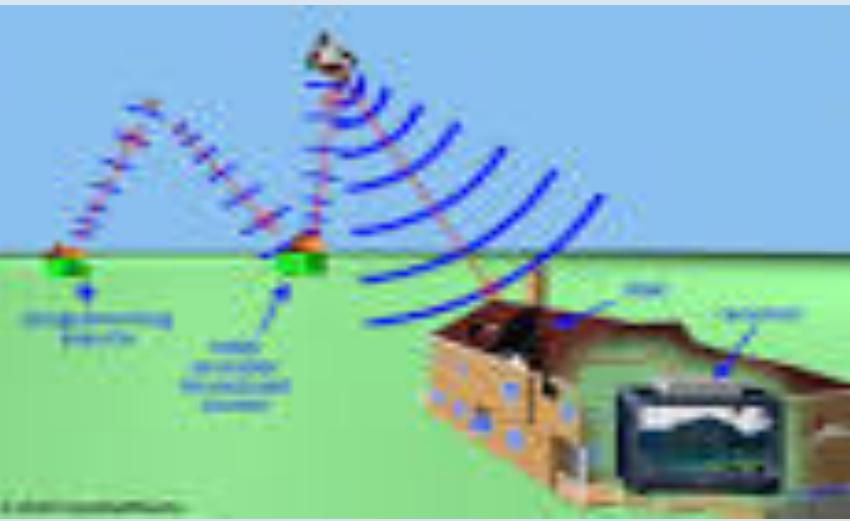
Class

Week 1 Term 3, 2021

Week, Term & Year

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.





Picture here

Topic: Communication System

1

ICT
SUBJECT

Year 10
CLASS

Week 1 Term 3, 2021

Week 1, 3rd Term & Year 2021



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Learning Objectives

By the end of the lesson; the students should be able to;

1. State the full meaning of ‘ICT’
2. Highlight the types of ICT
3. List the types of broadcasting

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: The Definition of ICT

Guiding Learning Questions

What the full meaning of 'ICT' ?



Answers to Guiding Learning Question.

ICT is an acronym that stands for Information and Communications Technology

Topic: The Definition of ICT

Guiding Learning Questions

What the full meaning of 'ICT' ?



Answers to Guiding Learning Question.

However, apart from explaining an acronym, there is not a universally accepted definition of ICT?



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: The Definition of ICT

Guiding Learning Questions

What the full meaning of 'ICT' ?



Answers to Guiding Learning Question.

Why? Because the concepts, methods and applications involved in ICT are constantly evolving on an almost daily basis



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: The Definition of ICT

Guiding Learning Questions

What the full meaning of 'ICT' ?



Answers to Guiding Learning Question.

It's difficult to keep up with the changes - they happen so fast.
ICT can be defined as a "diverse set of technological tools."



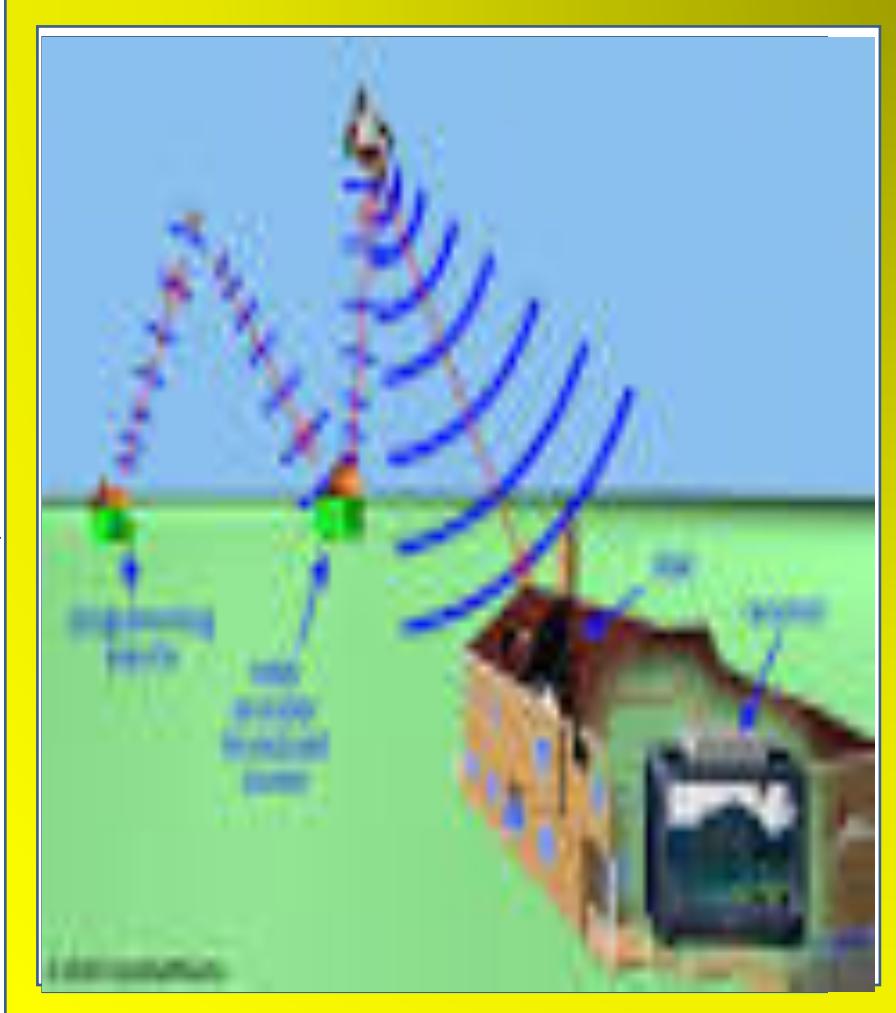
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: The Definition of ICT

Guiding Learning Questions

What the full meaning of 'ICT' ?



Answers to Guiding Learning Question.

and resources used to communicate, and to create, disseminate, store, and manage information

Topic: The Definition of ICT

Guiding Learning Questions

What the full meaning of 'ICT' ?



Answers to Guiding Learning Question.

These technologies include computers, the Internet, broadcasting technologies (radio and television), and telephony

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Types of ICT

Guiding Learning Questions

State any five (5) types of 'ICT'



Answers to Guiding Learning Question.

- Broadcasting
- Telecommunication
- Data Network
- Information System
- Satellite Communication

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Communication System

Guiding Learning Questions

What is a communication system?



Answers to Guiding Learning Question.

- The **communication system** is a **system** which describes the information exchange between two points.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Communication System

Guiding Learning Questions

What is a communication system?



Answers to Guiding Learning Question.

The process of transmission and reception of information is called communication.

Topic: Communication System

Guiding Learning Questions

State features of communication system



Answers to Guiding Learning Question.

A communication system is made up of devices that employ one of two communication methods

Topic: Communication System

Guiding Learning Questions

State features of communication system



Answers to Guiding Learning Question.

(wireless or wired), different types of equipment (portable radios, mobile radios, base/fixed station radios, and repeaters),



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Communication System

Guiding Learning Questions

State features
of
communication
system



Answers to Guiding Learning Question.

and various
accessories
(examples include
speaker
microphones,
battery eliminators,
and carrying cases)

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Communication System

Guiding Learning Questions

State meaning of **communication system** as related to telecommunication



Answers to Guiding Learning Question.

In telecommunication, a **communications system** is a collection of individual communications networks,

Topic: Communication System

Guiding Learning Questions

State meaning of **communication system** as related to telecommunication



Answers to Guiding Learning Question.

transmission systems, relay stations, tributary stations, and data terminal equipment (DTE) usually capable of interconnection

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: What is Broadcasting?

Guiding Learning Questions

State the meaning of **Broadcasting**?



Answers to Guiding Learning Question.

Broadcasting is the distribution of audio and video content to a dispersed audience via any audio or visual mass communications medium,

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: What is Broadcasting?

Guiding Learning Questions

State the meaning of **Broadcasting**?



Answers to Guiding Learning Question.

but usually one using electromagnetic radiation (radio waves).
The receiving parties may include the general public or a relatively large subset thereof.

Topic: Types Broadcasting

Guiding Learning Questions

List types of
Broadcasting?



Answers to Guiding Learning Question.

Types of Broadcasting

1. Radio
2. Television
3. Satellite

Sub point



Caption

Guiding learning
Questions

- **Explain briefly
the term
Communication
system**



Answers to the Guiding Questions

A communication system is made up of devices that employ one of two communication methods, and various accessories and/or enhancements to meet the user needs.

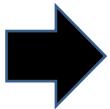
Sub point

Picture/Video or
Diagram to introduce a
sub point

Caption

Guiding learning
Questions

- **What is ICT?**



Answers to the Guiding Questions

ICT is an acronym that stands for **Information and Communications Technology**. ICT can be defined as a “diverse set of technological tools and resources used to communicate, and to create, disseminate, store, and manage information.

**LISSEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.**



Sub point



Caption

Guiding learning
Questions

- **Highlight types of ICT**



Answers to the Guiding Questions

TYPES OF ICT

Types of ICT include:

- Broadcasting
- Telecommunication
- Data Network
- Information System
- Satellite Communication

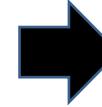
Sub point



Caption

Guiding learning
Questions

- **What broadcasting?**



Answers to the Guiding Questions

Broadcasting: is the distribution of audio and video content to a dispersed audience via any audio or visual mass communications medium, but usually one using electromagnetic radiation (radio waves). The receiving parties.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.

Sub point



Caption

Guiding learning
Questions

- Highlight types of broadcasting.



Answers to the Guiding Questions

TYPES OF BROADCASTING

Broadcasting can take the form of Radio, Television, Satellite.

Sub point



Caption

Guiding learning
Questions

Answers to the Guiding Questions

LISEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.

Topic:

Class

Digital Platforms/Sources	Website ... url address below	Description of target concept to search for.
YouTube	Copy the website address here	https://www.youtube.com/watch?v=5PDQKu2-bAc
Google	Copy the website address here	https://www.techopedia.com/definition/18430/communications-system
Google Classroom	Copy the website address here	
Zoom	Copy the website address here	
School Britannica	Copy the website address here	

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Key Points and Picture/Diagram

A communication system is made up of devices that employ one of two communication methods, and various accessories and/or enhancements to meet the user needs

Point 1

Types of ICT include:

- Broadcasting
- Telecommunication
- Data Network
- Information System

Point 4

ICT is an acronym that stands for **Information and Communications Technology**.

Point 2

Satellite Communication

Point 5

ICT can be defined as a “diverse set of technological tools and resources used to communicate, and to create, disseminate, store, and manage information.

Point 3

Broadcasting can take the form of Radio, Television, Satellite.

Point 6

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Class Works/Questions

1. State the full meaning of 'ICT'

ICT is an acronym that stands for Information and Communications Technology

2. State the types of ICT

- Broadcasting ,Data Network, Satellite communication
- Telecommunication, Information system

3 List the types of broadcasting

- Radio , Satellite
- Television

A4.

Q5.

A5.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Learning Follow-up Assignment

With the aid of related diagrams/images; research and write in details the following questions;-

1. Highlight the types of telecommunication systems
2. List the types of data network

**LISSEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.**



Chrisla

ONLINE

Digital

Keep Safe . Keep Healthy.

LISTEN. PRACTICE. UNDERSTAND then WRITE DOWN THE KEY POINTS.





Topic ?

What can you deduce from the image above?

ICT

Subject

YEAR 10

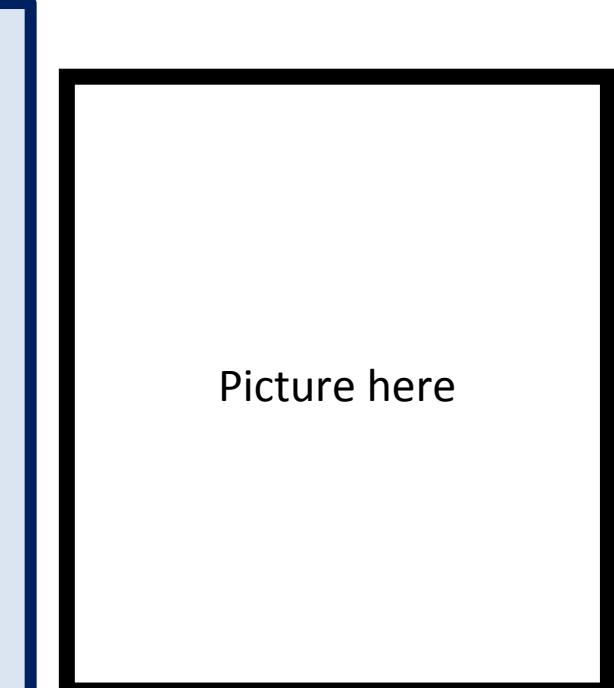
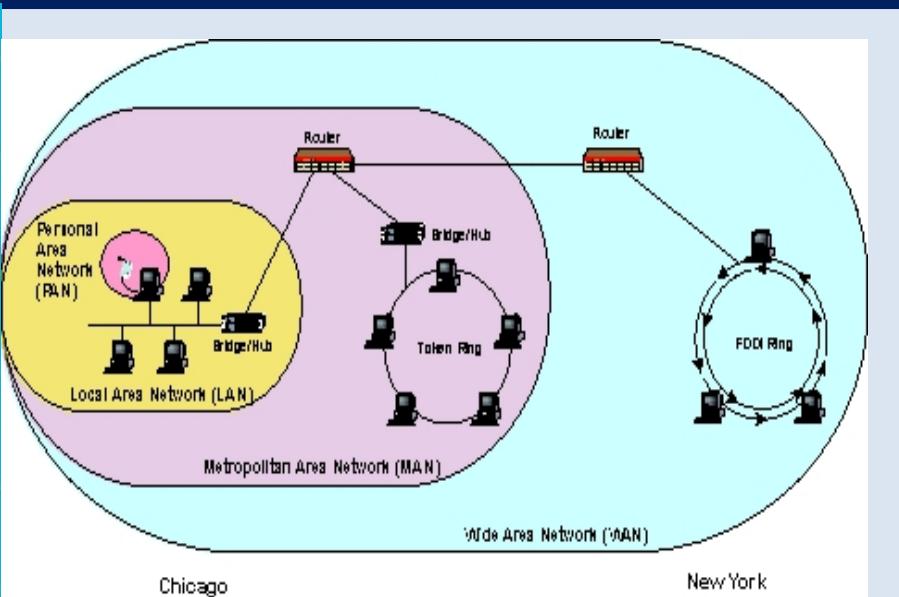
Class

Week 2 Term 3, 2021

Week, Term & Year

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.





Picture here

Topic: Communication System

2

Mr.

**ICT
SUBJECT**

**Year 10
CLASS**

Week 2 Term 3, 2021

Week 1, 3rd Term & Year 2021



**LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.**



Learning Objectives

By the end of the lesson; the students should be able to;

1. List the types of telecommunication systems.
2. List the types of data network.
3. List the types of information systems



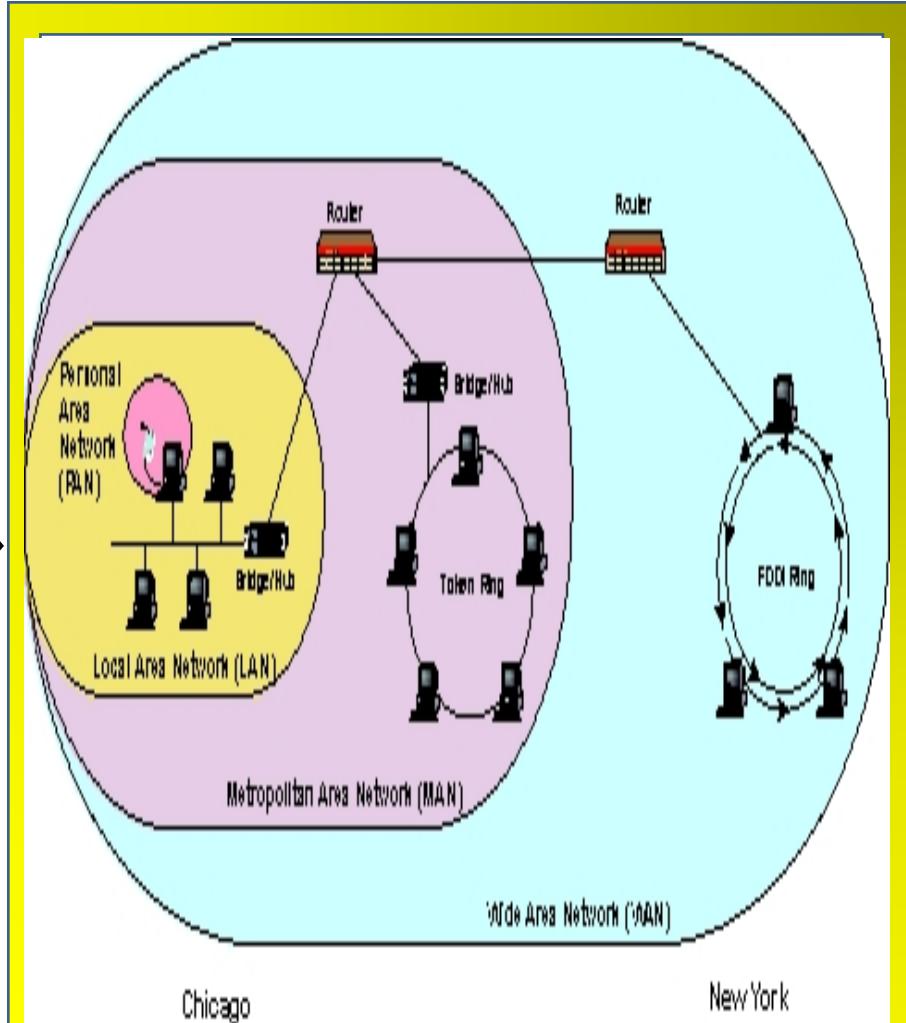
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Communication System 2

Guiding Learning Questions

In simple terms, what is telecommunication?



Answers to Guiding Learning Question.

Telecommunication refers to a mode of communication where transmission of messages occurs over significant distances.



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Types of Communication System

Guiding Learning Questions

List the types of telecommunication systems



Answers to Guiding Learning Question.

1. Public switched telephone network (PSTN)-Land line
2. Mobile phone system (GSM)



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Types of Communication System

Guiding Learning Questions

List the types of telecommunication systems



Answers to Guiding Learning Question.

3. Circuit switched packet telephone System(CSPT)
4. Satellite telephone system
5. Fixed Wireless telephone system



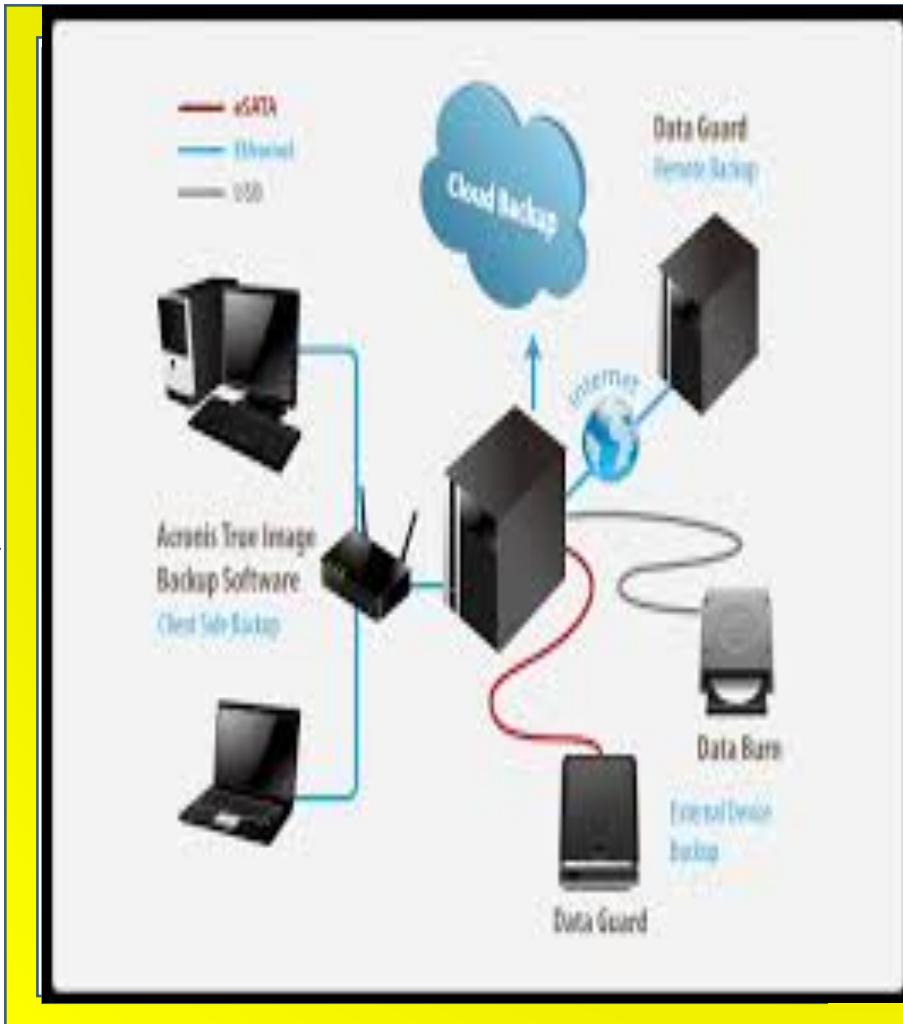
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



What is Data Network ?

Guiding Learning Questions

What is Data Network?



Answers to Guiding Learning Question.

A data network is a system that **transfers data** between network access points (nodes)



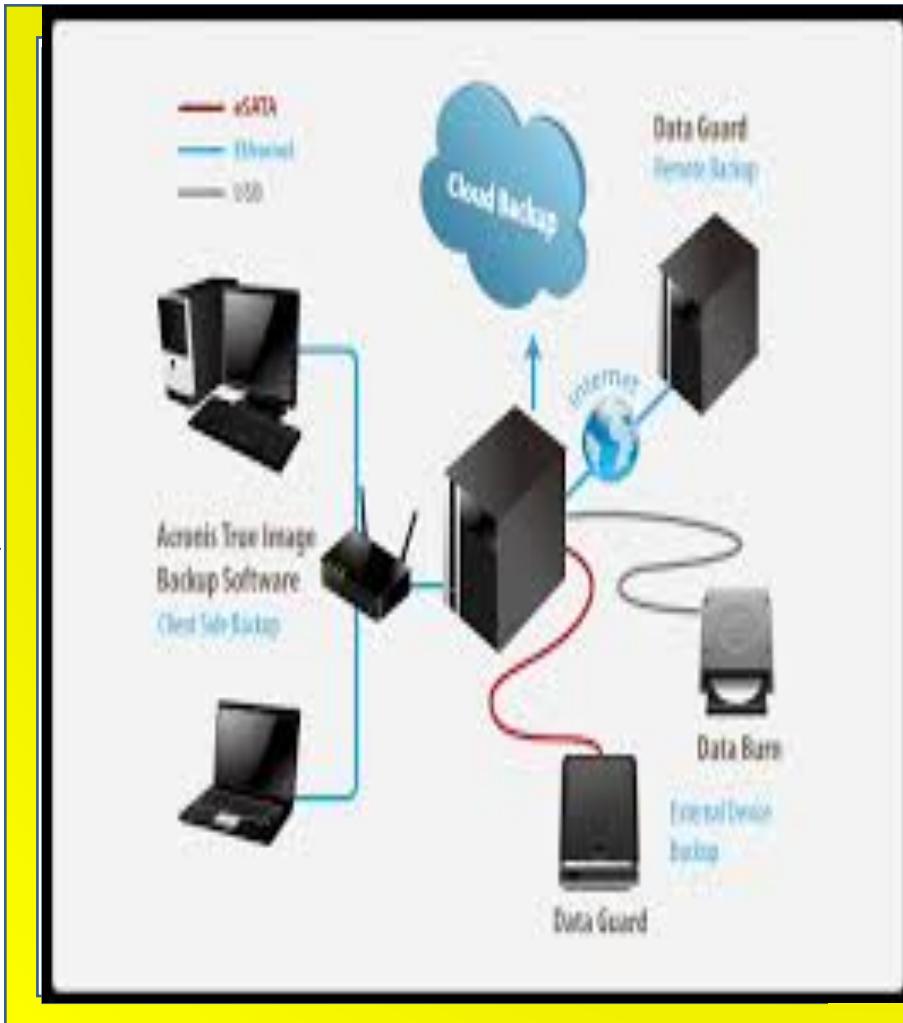
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



What is Data Network?

Guiding Learning Questions

What is Data Network?



Answers to Guiding Learning Question.

through data switching, system control and interconnection transmission lines.



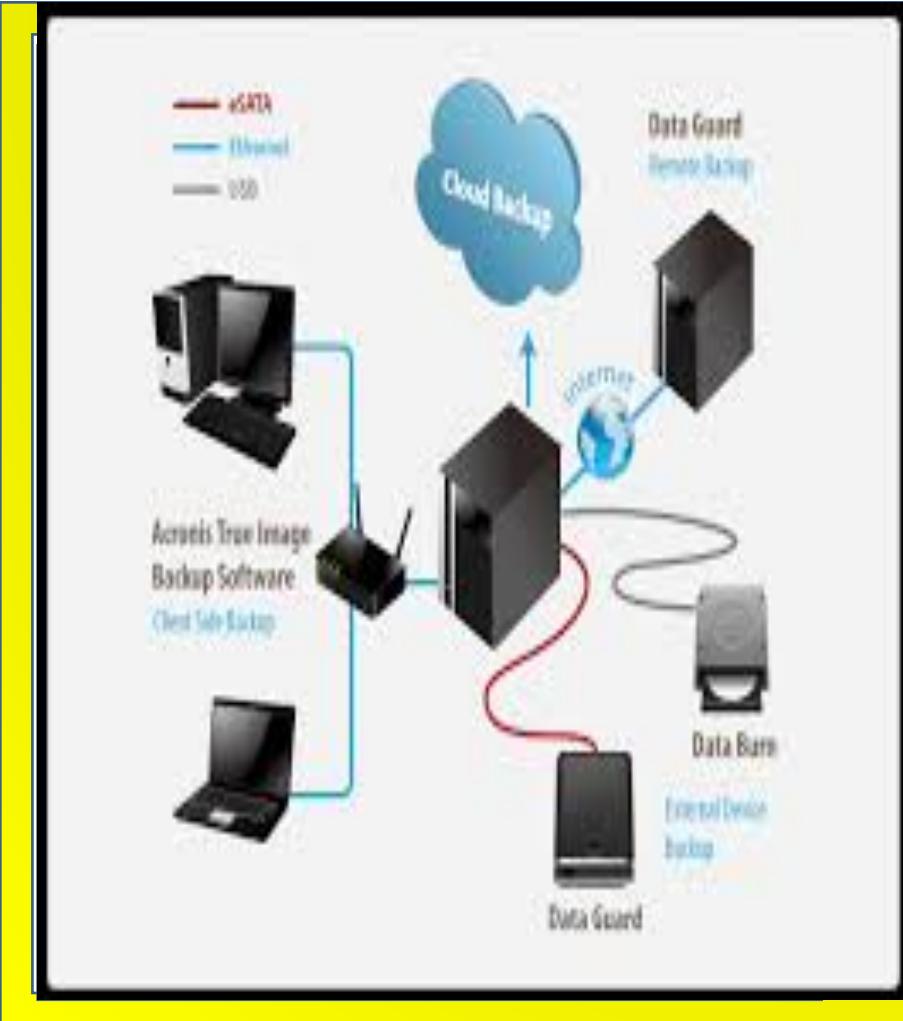
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Types of Data Network

Guiding Learning Questions

List the types of data network



Answers to Guiding Learning Question.

- Personal Area Network (PAN)
- Local Area Network (LAN)
- Metropolitan Area Network (MAN)
- Wide Area Network (WAN)
- Internet

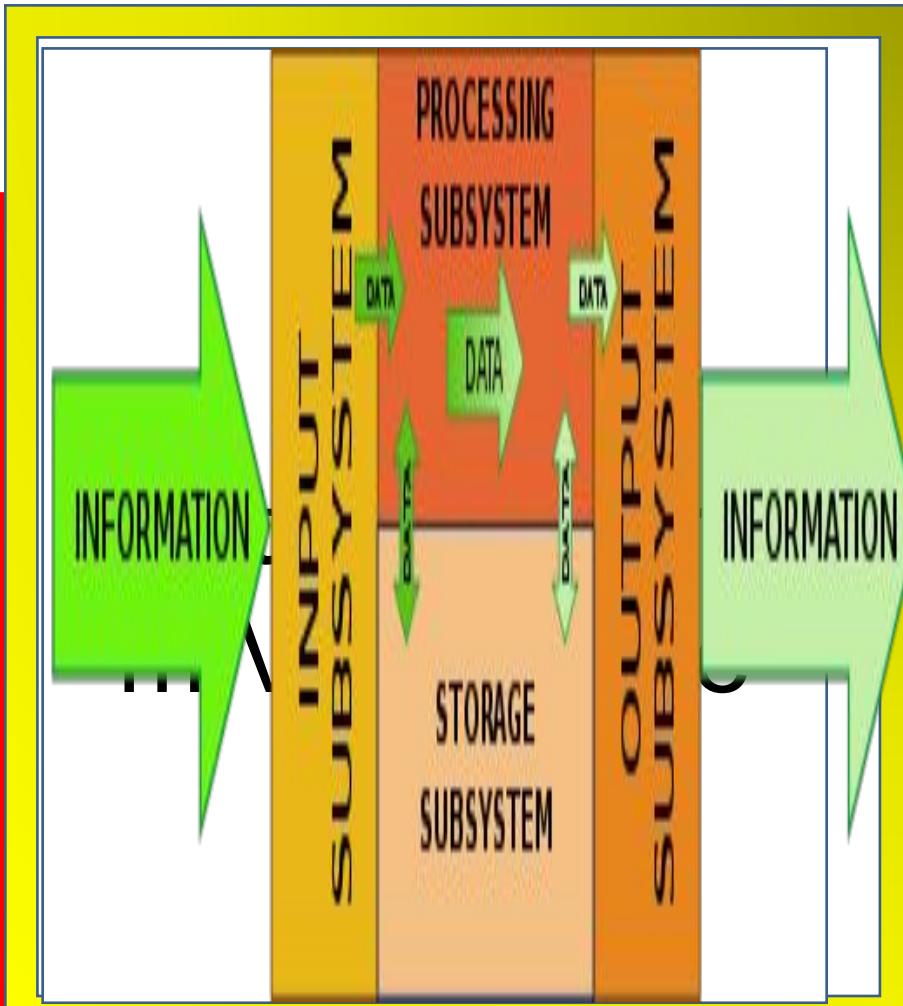
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Types of Information System

Guiding Learning Questions

What is information systems?



Answers to Guiding Learning Question.

Information system (IS) is the study of complementary networks of hardware and software that people

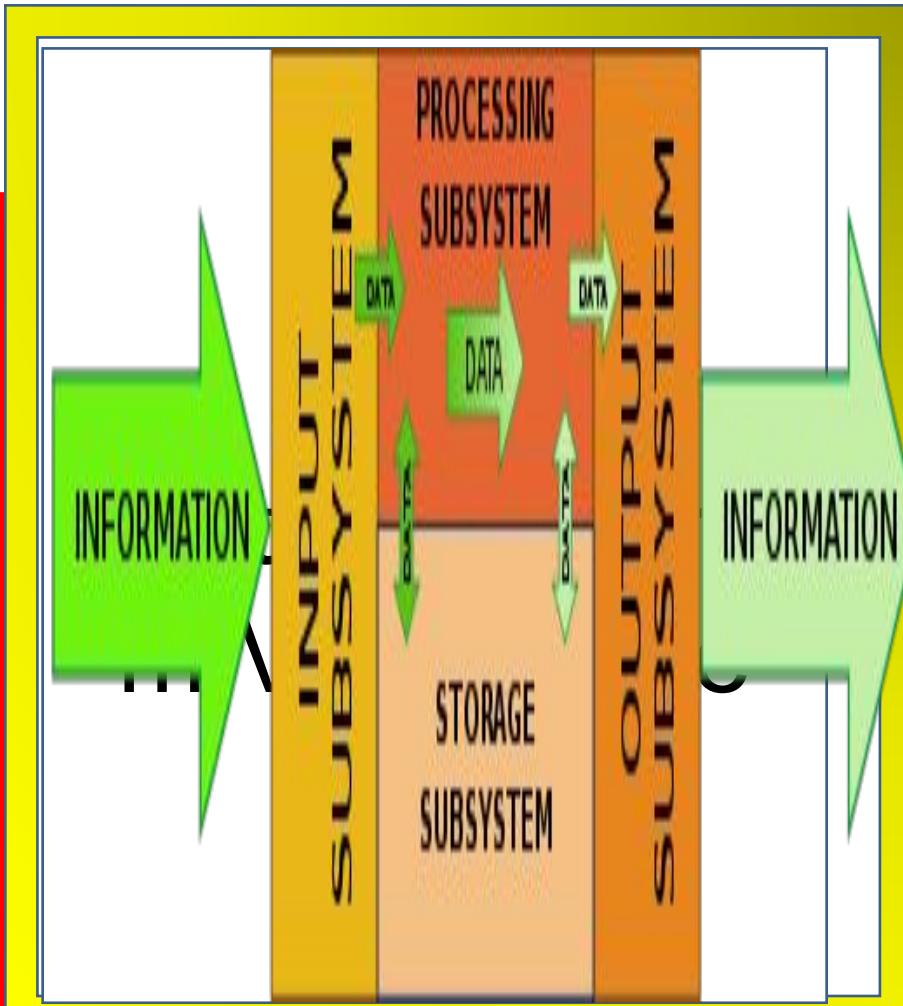
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Types of Information System

Guiding Learning Questions

What is information systems?



Answers to Guiding Learning Question.

and organizations use to collect, filter, process, create and distribute data.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Types of Information System

Guiding Learning Questions

List the types of information systems



Answers to Guiding Learning Question.

types of information systems

1. Data Processing System
2. Global Positioning System (GPS)

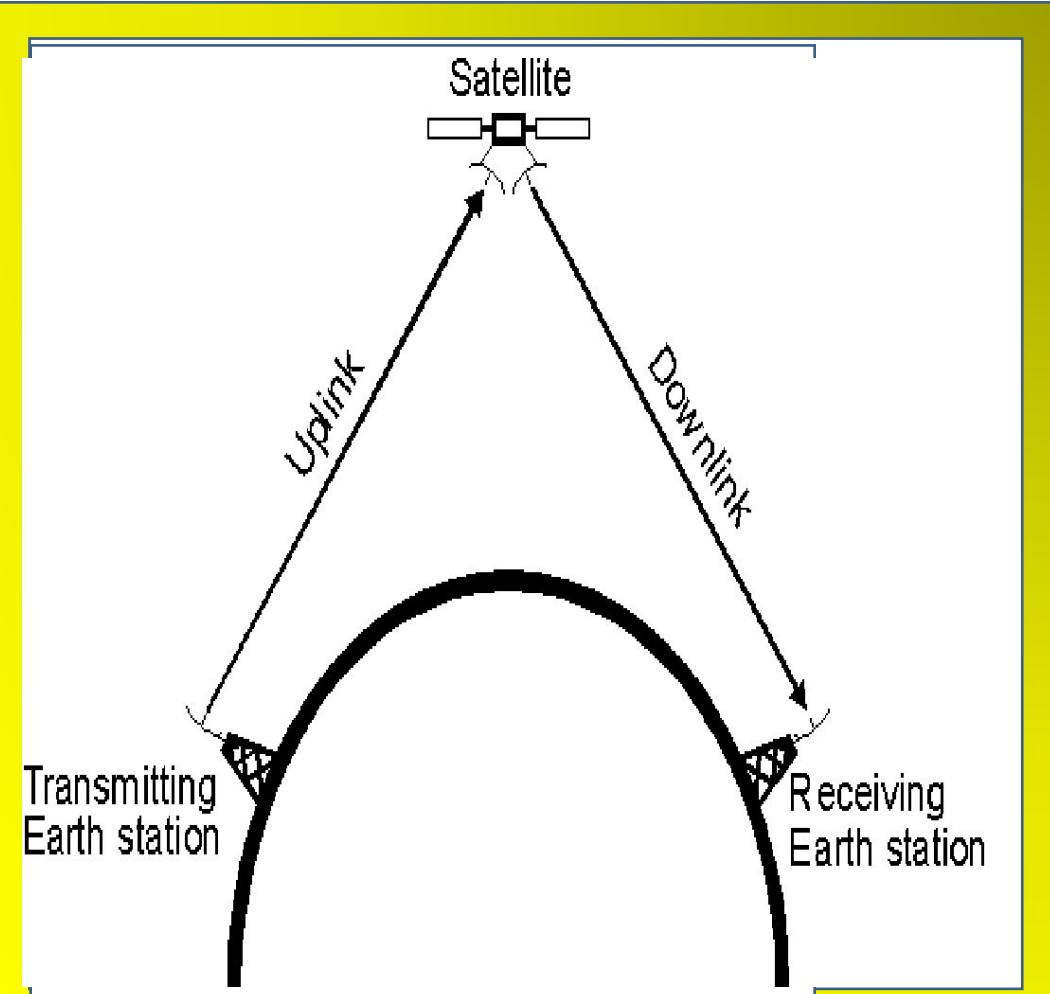
LISTEN. PRACTICE. UNDERSTAND then WRITE DOWN THE KEY POINTS.



Diagram & label of satellite communication

Guiding Learning Questions

Draw and label satellite communication



Answers to Guiding Learning Question.

1. Satellite
2. Uplink
3. Downlink
4. Transmitting Earth station
5. Receiving Earth station

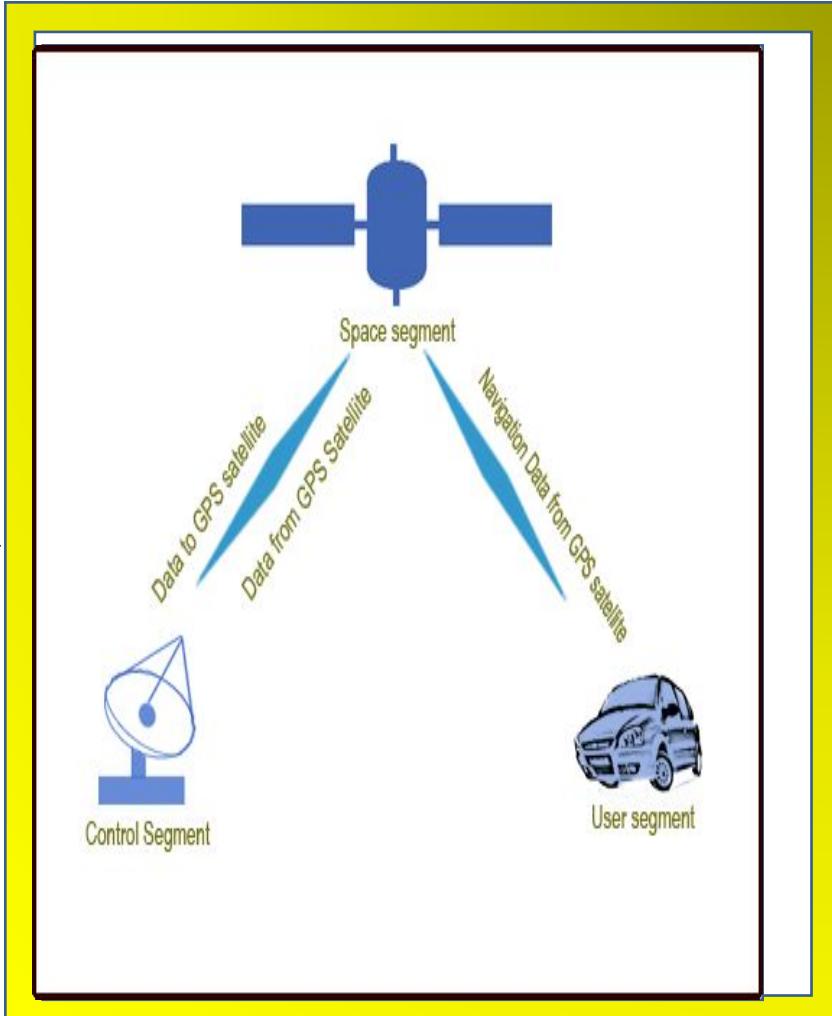
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



What is Telecommunication?

Guiding Learning Questions

Define the term **Telecommunication**.



Answers to Guiding Learning Question.

Telecommunication refers to a mode of communication where transmission of messages occurs over significant distances.



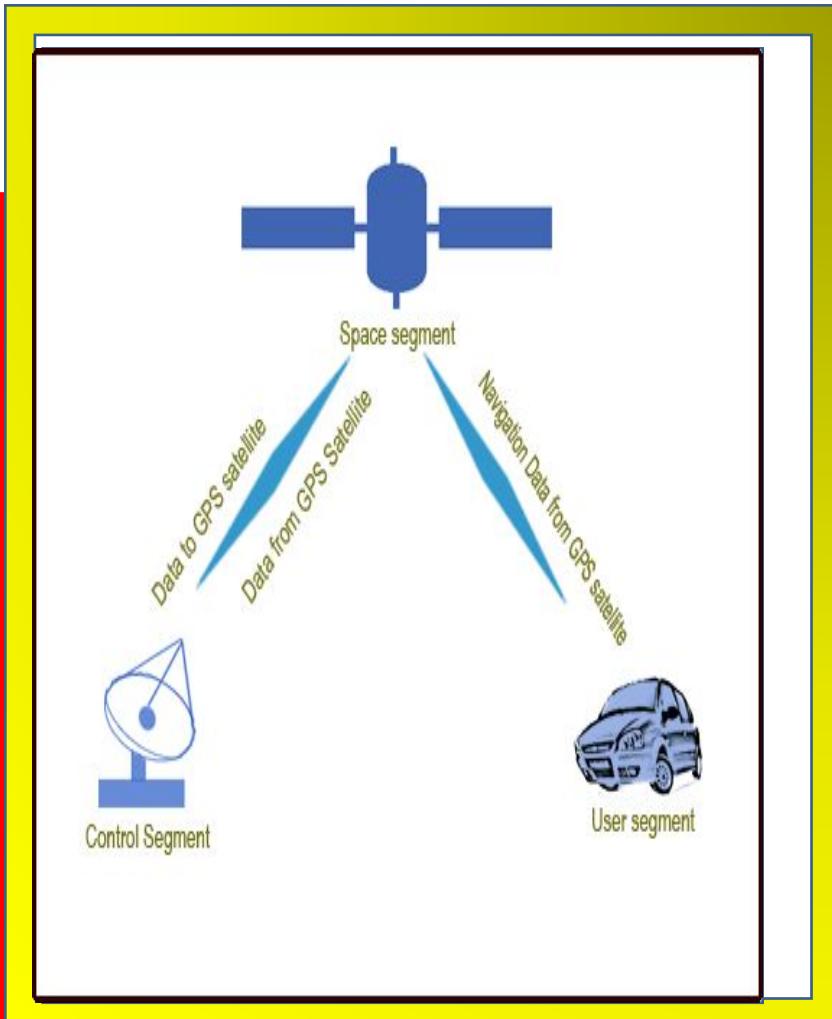
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



What is Telecommunication?

Guiding Learning Questions

List examples of modern **Telecommunication**.



Answers to Guiding Learning Question.

Modern telecommunications includes the use of electrical devices such as telegraphs, teletypes, telephones, radio and microwave

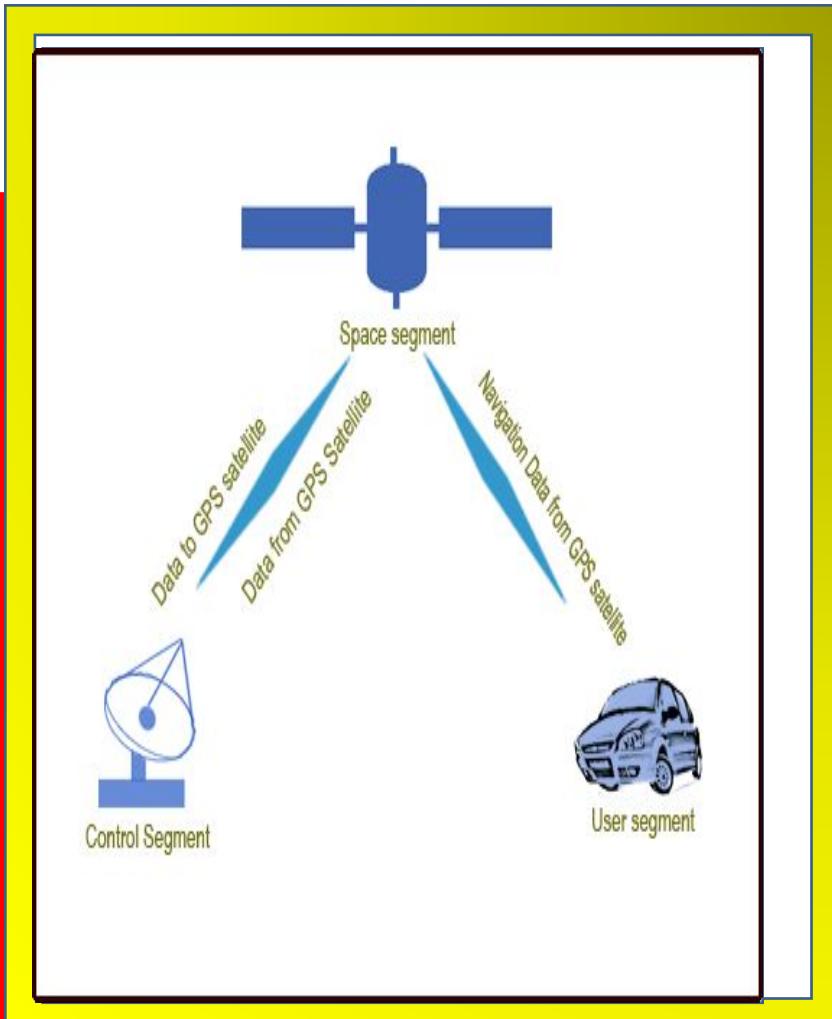
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



What is Telecommunication?

Guiding Learning Questions

List examples of modern **Telecommunication**.



Answers to Guiding Learning Question.

communications, fibre optics, earth orbiting satellites and the Internet.

**LISSEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.**



Types of Telecommunication

Guiding Learning Questions

Highlight types of telecommunication



Answers to Guiding Learning Question.

- Public switched telephone network (PSTN)-Land line
- Mobile phone system (GSM)
- Circuit switched packet telephone System(CSPT)

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Types of Telecommunication

Guiding Learning Questions

Highlight types of telecommunication



Answers to Guiding Learning Question.

- Satellite telephone system
- Fixed Wireless telephone system



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Public switched telephone network (PSTN)-Line

Guiding Learning Questions

What is Public switched telephone network (PSTN)-Land line?



Answers to Guiding Learning Question.

The Public Switched Telephone Network (PSTN), also known as Plain Old Telephone Service (POTS), is the wired phone system over which landline telephone calls are made

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Public switched telephone network (PSTN)-Line

Guiding Learning Questions

What is Public switched telephone network (PSTN)-Land line?



Answers to Guiding Learning Question.

The PSTN relies on **circuit switching**. To connect one phone to another, the phone call is routed through numerous switches operating on a local, regional, national or international level

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Public switched telephone network (PSTN)-Line

Guiding Learning Questions

What is
Public
switched
telephone
network
(PSTN)-Land
line?



Answers to Guiding Learning Question.

The connection established between the two phones is called a circuit.

Tourists often rely on pay phones to make calls when traveling, and calling codes allow those calls to be made.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Public switched telephone network (PSTN)-Line

Guiding Learning Questions

What is Public switched telephone network (PSTN)-Land line?



Answers to Guiding Learning Question.

The old telephone system (PSTN) uses circuit switching to transmit voice data whereas VoIP uses packet-switching to do so.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Public switched telephone network (PSTN)-Line

Guiding Learning Questions

What is Public switched telephone network (PSTN)-Land line?



Answers to Guiding Learning Question.

The difference in the way these two types of switching work is the thing that made VoIP so different and successful



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Public switched telephone network (PSTN)-Line

Guiding Learning Questions

What is Public switched telephone network (PSTN)-Land line?



Answers to Guiding Learning Question.

To understand switching, you need to realize that the network in place between two communicating persons is a complex field of devices and machines,

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Public switched telephone network (PSTN)-Line

Guiding Learning Questions

What is
Public
switched
telephone
network
(PSTN)-Land
line?



Answers to Guiding Learning Question.

especially if the network is the Internet. Consider a person in Mauritius having a phone conversation with another person on the other side of the globe, say in the US.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Public switched telephone network (PSTN)-Line

Guiding Learning Questions

What is
Public
switched
telephone
network
(PSTN)-Land
line?



Answers to Guiding Learning Question.

There are a large number of routers, switches and other kinds of devices that take the data transmitted during the communication from one end to the other.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Switching and routing

Guiding Learning Questions

What is
**Switching and
routing?**



Answers to Guiding Learning Question.

Switching and routing are technically two different things, but for the sake of simplicity, let us take switches and routers (which are devices that make switching and routing respectively)

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Switching and routing

Guiding Learning Questions

What is
**Switching and
routing?**



Answers to Guiding Learning Question.

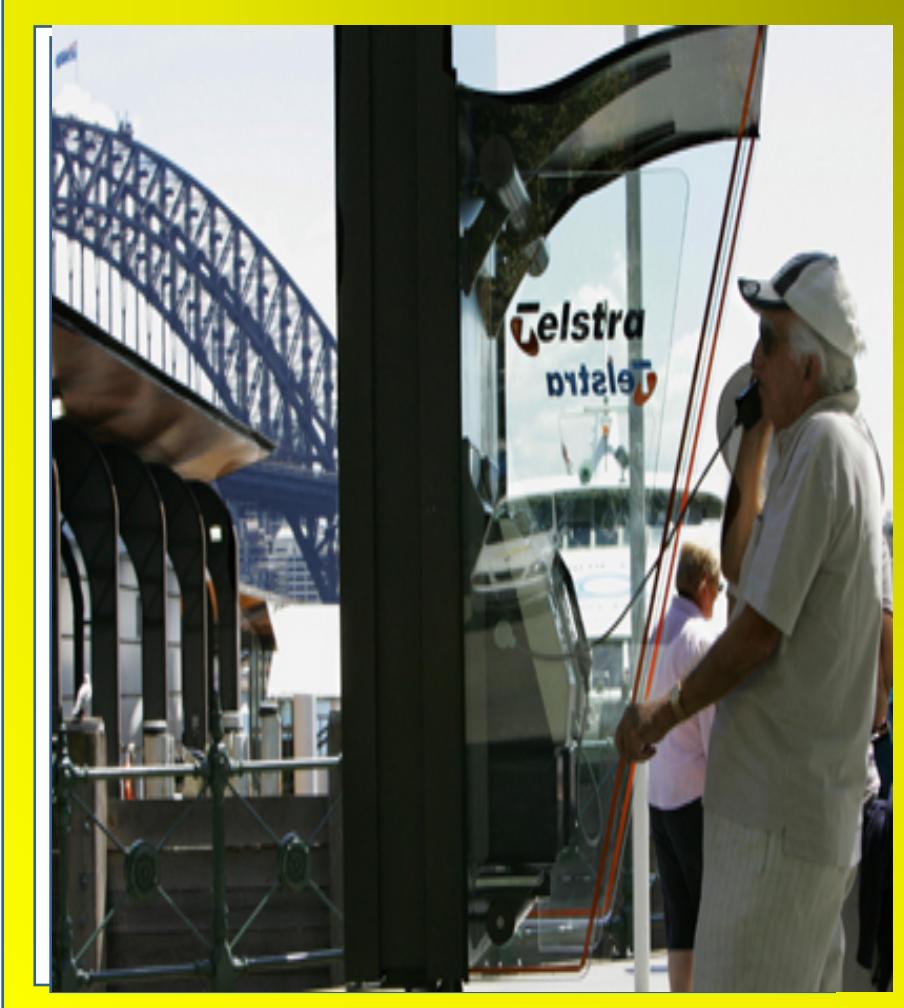
as devices doing one job: make a link in the connection and forward data from the source to the destination.

LISEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.

Switching and routing

Guiding Learning Questions

What is Paths or circuits?



Answers to Guiding Learning Question.

The important thing to look for in transmitting information over such a complex network is the **path** or circuit. The devices making up the path are called nodes

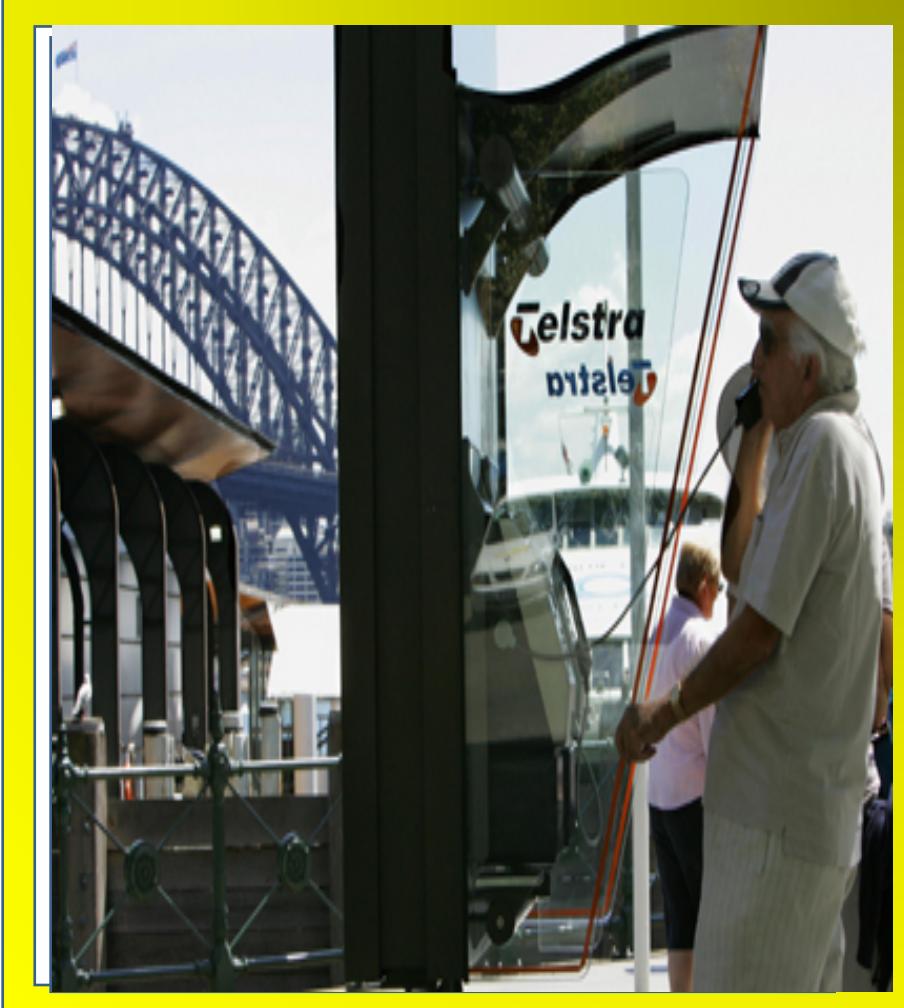
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Switching and routing

Guiding Learning Questions

What is Paths or circuits?



Answers to Guiding Learning Question.

For instance, switches, routers and some other network devices, are nodes. In **circuit-switching**, this path is decided upon before the data transmission starts

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.

Switching and routing

Guiding Learning Questions

What is Paths or circuits?



Answers to Guiding Learning Question.

The system decides on which route to follow, based on a resource-optimizing algorithm, and transmission goes according to the path. For the whole length of the communication session between the two communicating bodies

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Switching and routing

Guiding Learning Questions

What is Paths or circuits?



Answers to Guiding Learning Question.

the route is dedicated and exclusive, and released only when the session terminates.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.

Circuit and Packet Switching

Guiding Learning Questions

State the meaning of **Circuit and Packet Switching**



Answers to Guiding Learning Question.

Circuit -switched
A physical path is obtained for and dedicated to a single connection between two end-points in the network for the duration of the connection.
Ordinary voice phone service is circuit-switched.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Circuit and Packet Switching

Guiding Learning Questions

State the meaning of **Circuit and Packet Switching**



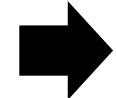
Answers to Guiding Learning Question.

The phone company reserves a specific physical path to the number being called for the duration of the call. During that time, no one else can use the physical lines involved.

Circuit and Packet Switching

Guiding Learning Questions

State the meaning of **Circuit and Packet Switching**



Answers to Guiding Learning Question.

Packet-switched .
Small units of data called packets are routed through a network based on the destination address contained within each packet. The same data path can be used by many users in the network

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Circuit and Packet Switching

Guiding Learning Questions

State the meaning of **Circuit and Packet Switching**



Answers to Guiding Learning Question.

This type of communication between sender and receiver is known as *connectionless* (rather than *dedicated*). Most traffic over the Internet uses packet switching. The Internet is basically a connectionless network.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Satellite telephone, satellite phone

Guiding Learning Questions

What is
**satellite
telephone,
satellite
phone?**



Answers to Guiding Learning Question.

A **satellite telephone, satellite phone**, or **sat phone** is a type of mobile phone that connects to orbiting satellites instead of terrestrial cell sites

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.

Satellite telephone, satellite phone

Guiding Learning Questions

State the functions of **satellite telephone, satellite phone**



Answers to Guiding Learning Question.

They provide similar functionality to terrestrial mobile telephones; voice, short messaging service and low-bandwidth internet access are supported through most systems.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.

Satellite telephone, satellite phone

Guiding Learning Questions

State the functions of **satellite telephone, satellite phone**



Answers to Guiding Learning Question.

Depending on the architecture of a particular system, coverage may include the entire Earth, or only specific regions

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.

Satellite telephone, satellite phone

Guiding Learning Questions

State the functions of **satellite telephone, satellite phone**



Answers to Guiding Learning Question.

The mobile equipment, also known as a terminal, varies widely. Early satellite phone handsets had a size and weight comparable to that of a late-1980s or early-1990s mobile phone,

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.

Satellite telephone, satellite phone

Guiding Learning Questions

State the functions of **satellite telephone, satellite phone**



Answers to Guiding Learning Question.

but usually with a large retractable antenna. More recent satellite phones are similar in size to a regular mobile phone while some prototype satellite phones have no distinguishable difference from an ordinary smartphone.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Satellite telephone, satellite phone

Guiding Learning Questions

State the functions of **satellite telephone, satellite phone**



Answers to Guiding Learning Question.

Satphones are popular on expeditions into remote areas where terrestrial cellular service is unavailable.

Circuit switching

Guiding Learning Questions

Highlight the term **circuit switching**



Answers to Guiding Learning Question.

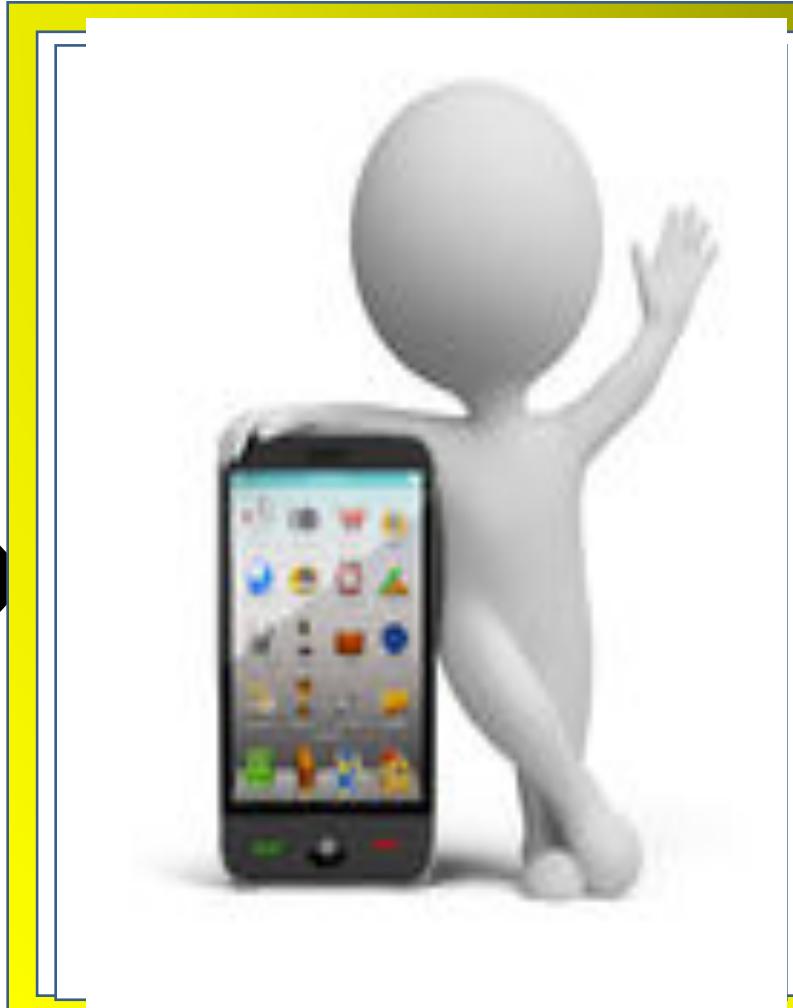
Circuit switching is a methodology of implementing a telecommunications network in which two network nodes establish a dedicated communications channel (circuit)

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.

Circuit switching

Guiding Learning Questions

Highlight the term **circuit switching**



Answers to Guiding Learning Question.

through the network before the nodes may communicate. The circuit guarantees the full bandwidth of the channel and remains connected for the duration of the communication session.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.

Circuit switching

Guiding Learning Questions

Highlight the term **circuit switching**



Answers to Guiding Learning Question.

The circuit functions as if the nodes were physically connected as with an electrical circuit.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Circuit switching

Guiding Learning Questions

Highlight the term **circuit switching**



Answers to Guiding Learning Question.

The defining example of a circuit-switched network is the early analog telephone network. When a call is made from one telephone to another

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Circuit switching

Guiding Learning Questions

Highlight the term **circuit switching**



Answers to Guiding Learning Question.

switches within the telephone exchanges create a continuous wire circuit between the two telephones, for as long as the call lasts.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Circuit switching

Guiding Learning Questions

Highlight the term **circuit switching**



Answers to Guiding Learning Question.

switches within the telephone exchanges create a continuous wire circuit between the two telephones, for as long as the call lasts.

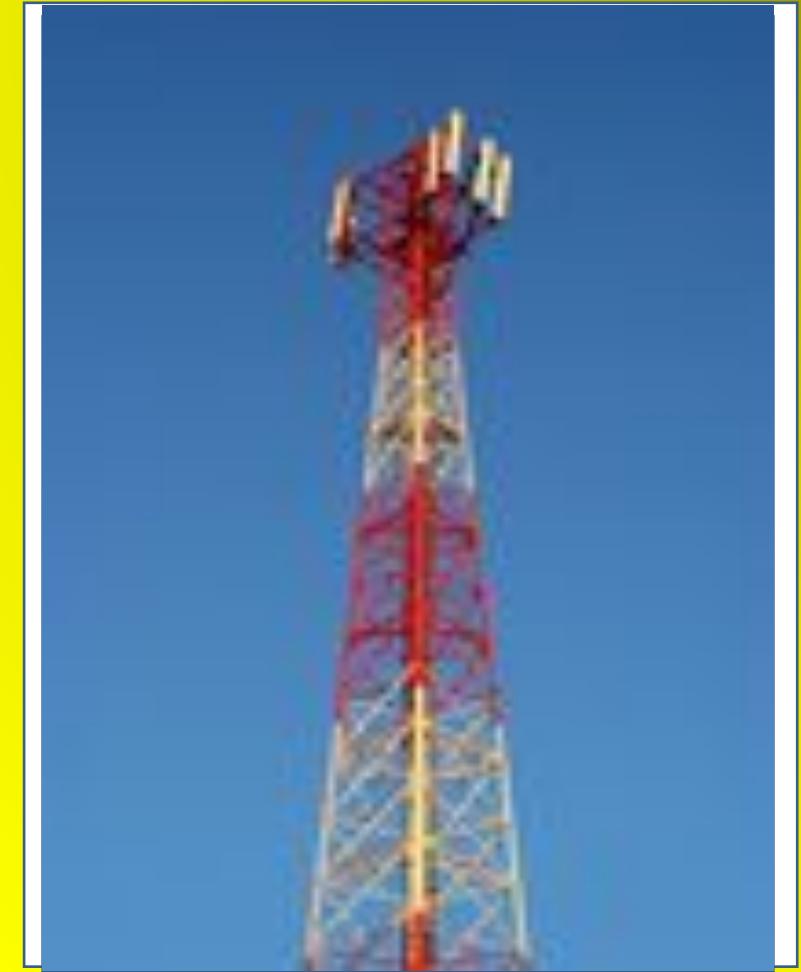
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Data Network

Guiding Learning Questions

Highlight the
**types of data
network**



Answers to Guiding Learning Question.

- Personal Area Network (PAN)
- Local Area Network (LAN)
- Metropolitan Area Network (MAN)
- Wide Area Network (WAN)
- Internet

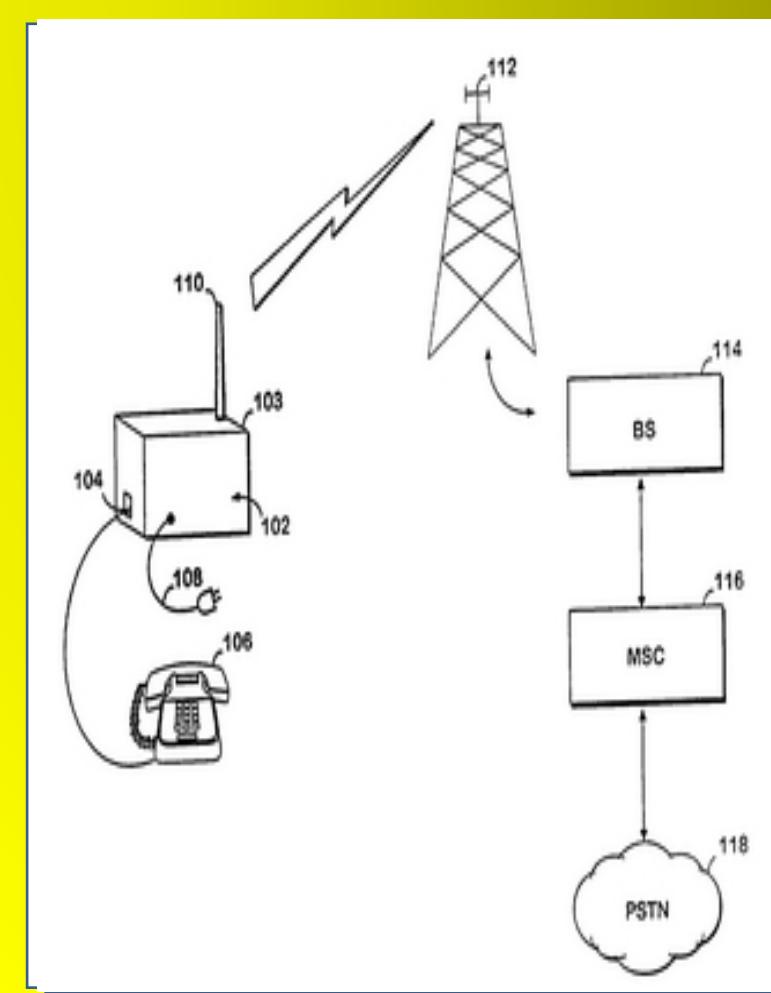
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Data Network

Guiding Learning Questions

Define the term **Data network**



Answers to Guiding Learning Question.

A data network is a system that **transfers data** between network access points (nodes) through **data switching**, system control and interconnection transmission lines.

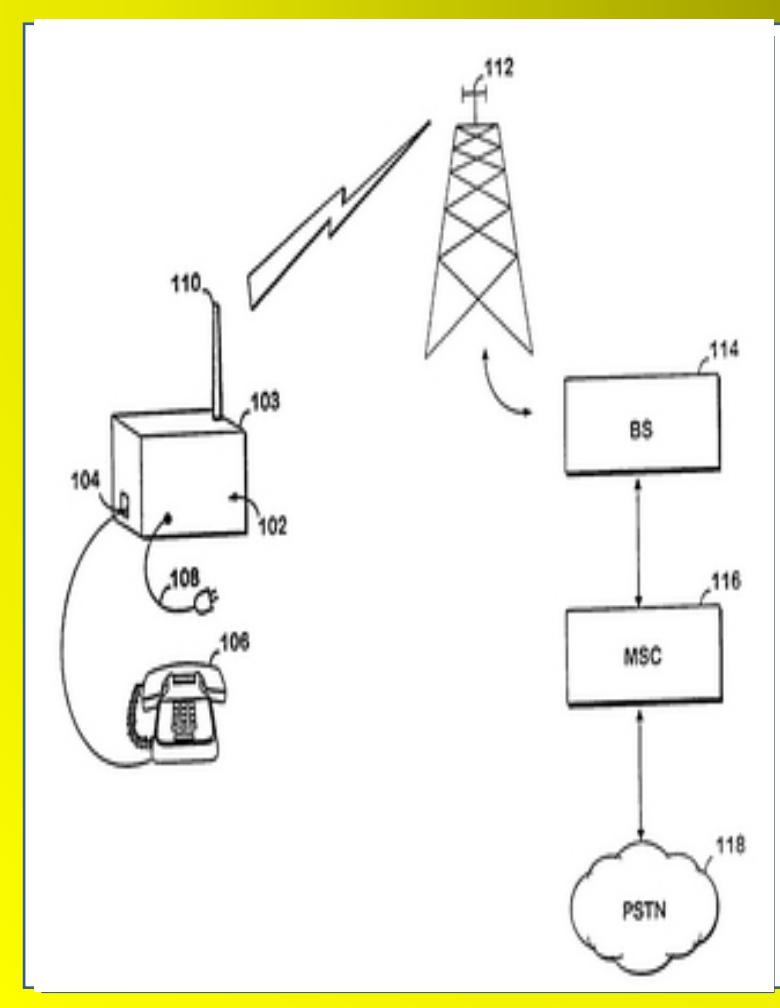
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Data Network

Guiding Learning Questions

Define the term **Data network**



Answers to Guiding Learning Question.

Data networks are primarily designed to transfer data from one point to one or more points (multipoint).

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Data Network

Guiding Learning Questions

Define the term **Data network**



Answers to Guiding Learning Question.

Data networks may be composed of a variety of communication systems including circuit switches, leased lines and packet switching networks.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Data Network

Guiding Learning Questions

Define the term **Data network**



Answers to Guiding Learning Question.

Data networks may be composed of a variety of communication systems including circuit switches, leased lines and packet switching networks.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Data Network

Guiding Learning Questions

Define the term **Data network**



Answers to Guiding Learning Question.

There are predominately two types of data networks, broadcast and point-to-point.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.

Images of Data Network

Guiding Learning Questions

List type of data network with respect to the diagram?



Answers to Guiding Learning Question.

Personal Area Network.



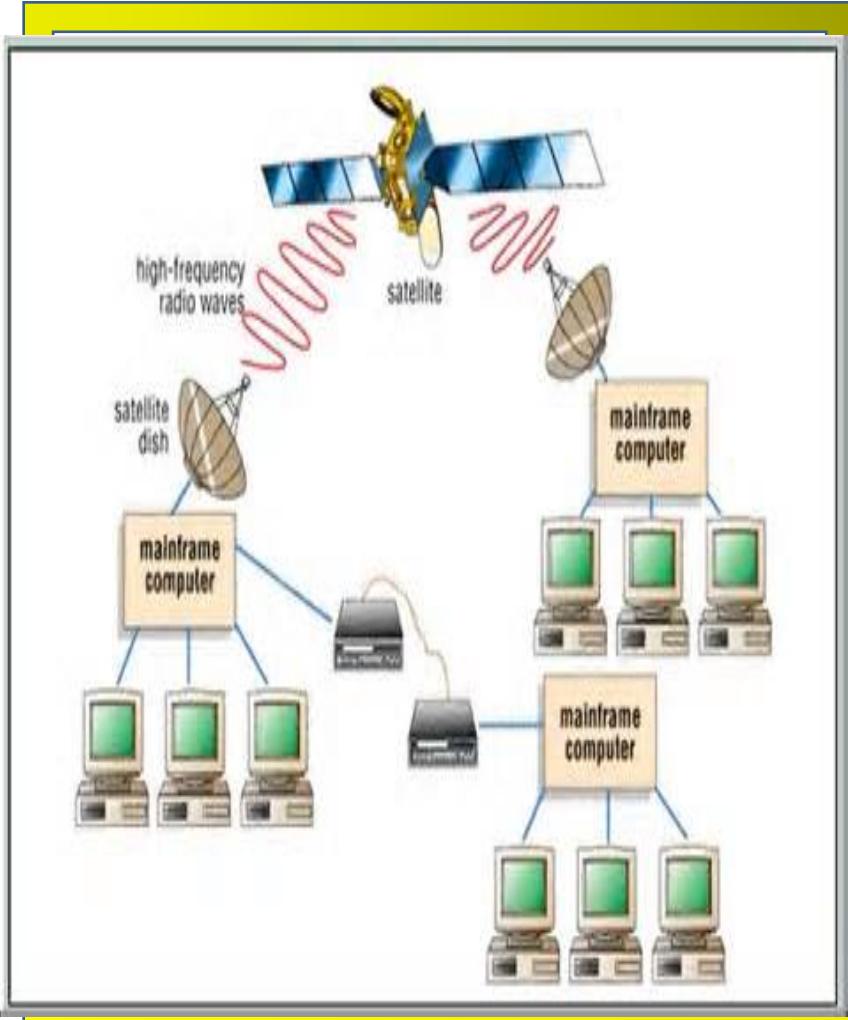
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Images of Data Network

Guiding Learning Questions

List type of data network with respect to the diagram?



Answers to Guiding Learning Question.

Wide Area Network.



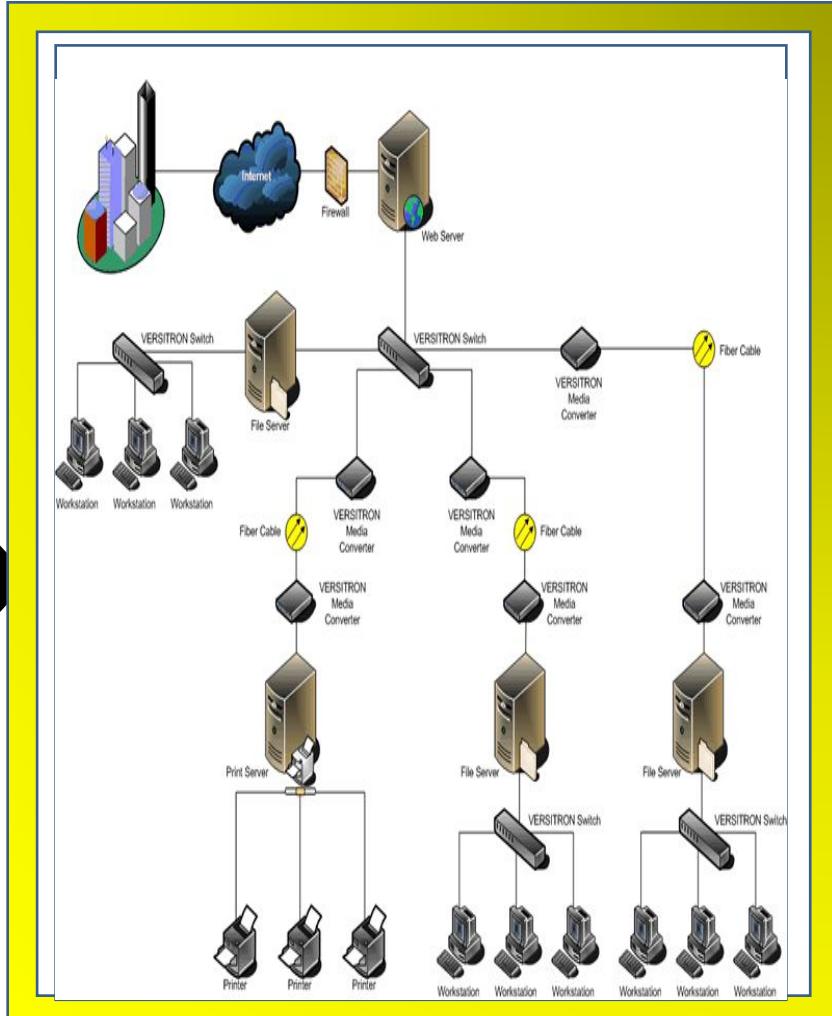
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Images of Data Network

Guiding Learning Questions

List type of data network with respect to the diagram?



Answers to Guiding Learning Question.

Local Area Network.



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



What is Internet?

Guiding Learning Questions

Define the term
Internet



Answers to Guiding Learning Question.

Internet is connecting a computer to any other computer anywhere in the world via dedicated routers and servers. When two computers are connected over the Internet,

What is Internet?

Guiding Learning Questions

Define the term
Internet



Answers to Guiding Learning Question.

they can send and receive all kinds of information such as text, graphics, voice, video, and computer programs. The full meaning of INTERNET is **INTERNATIONAL NETWORK**.

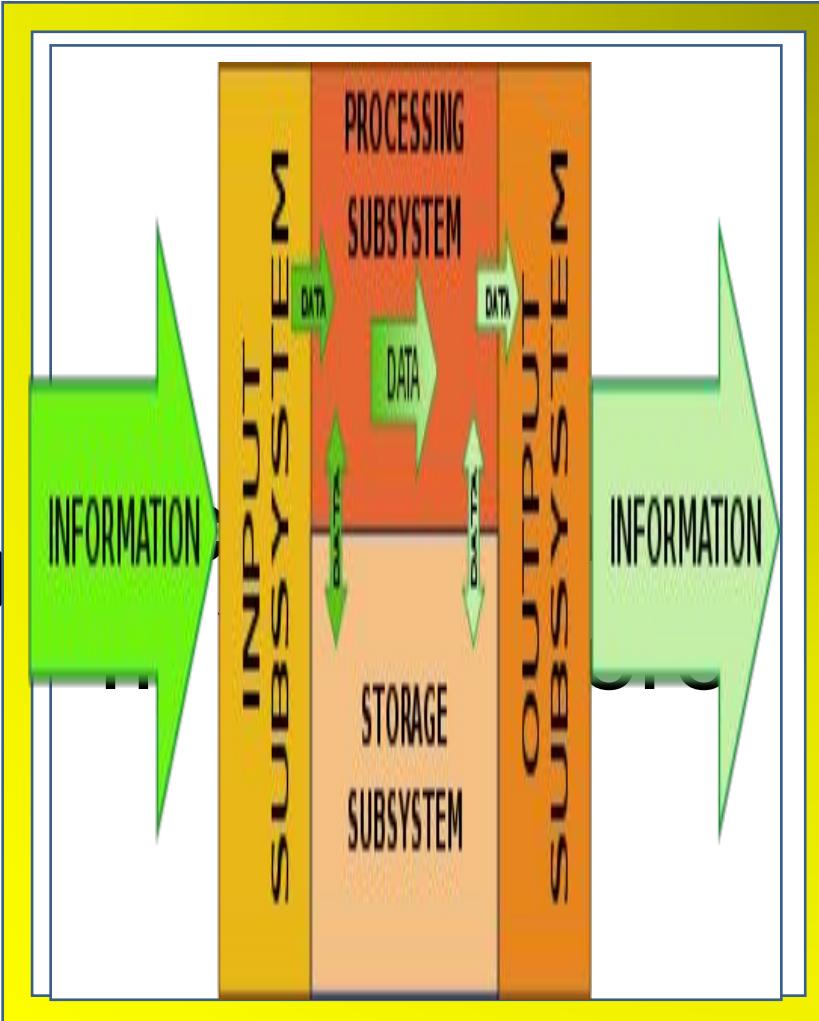
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Information System

Guiding Learning Questions

What is information system?



Answers to Guiding Learning Question.

Information system (IS) is the study of complementary networks of hardware and software that people and organizations use to collect, filter, process, create and distribute data.

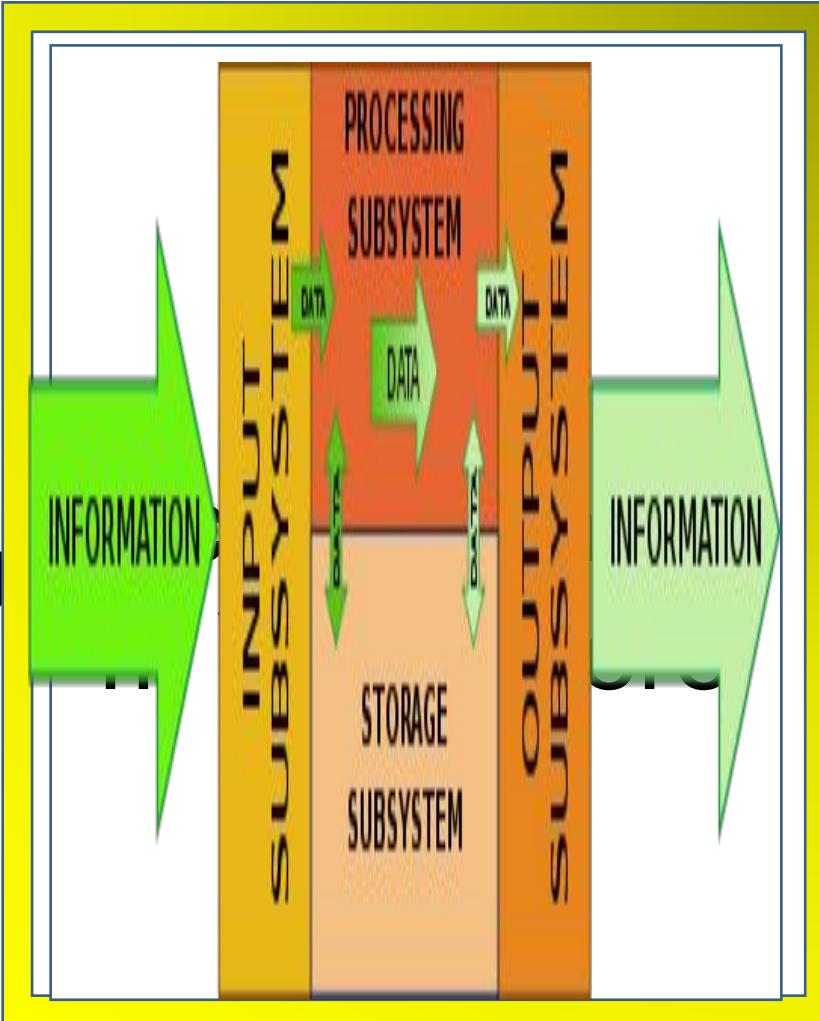
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Information System

Guiding Learning Questions

What is information system?



Answers to Guiding Learning Question.

Information system technology is important for businesses because it allows for the companies to keep track of their files easily while reducing data redundancy within the databases as well.

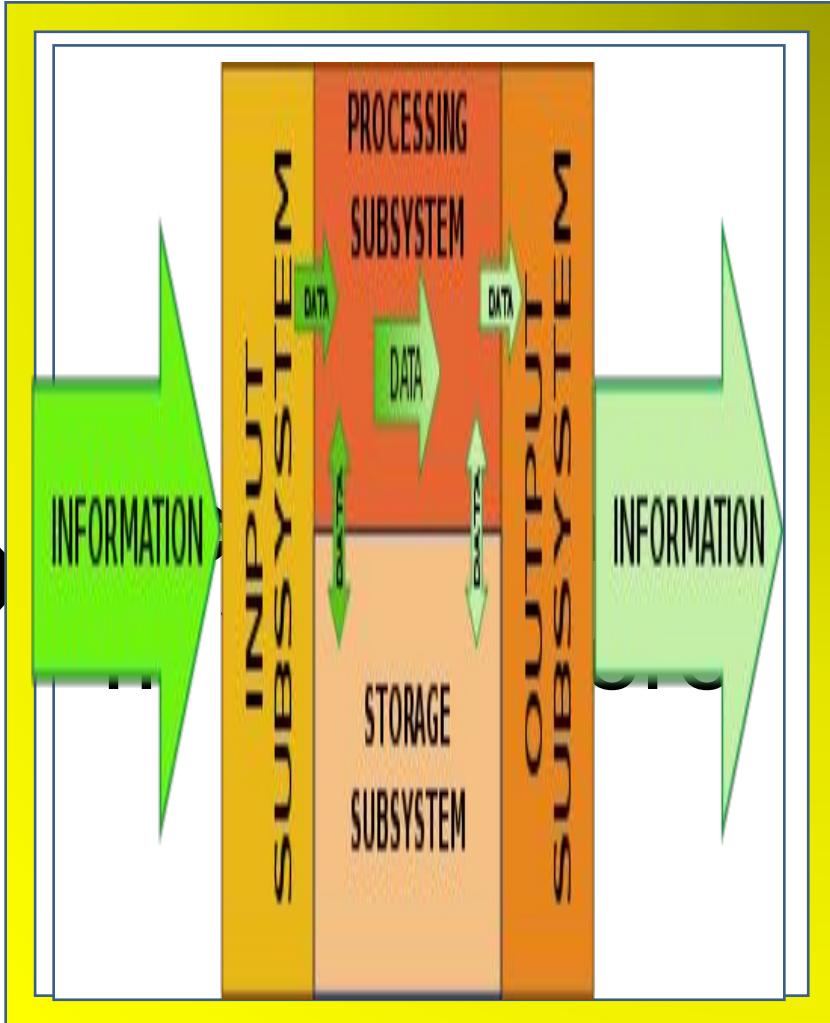
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Information System

Guiding Learning Questions

List the features of information system



Answers to Guiding Learning Question.

It includes

1. Data Processing System
2. Global Positioning System (GPS)



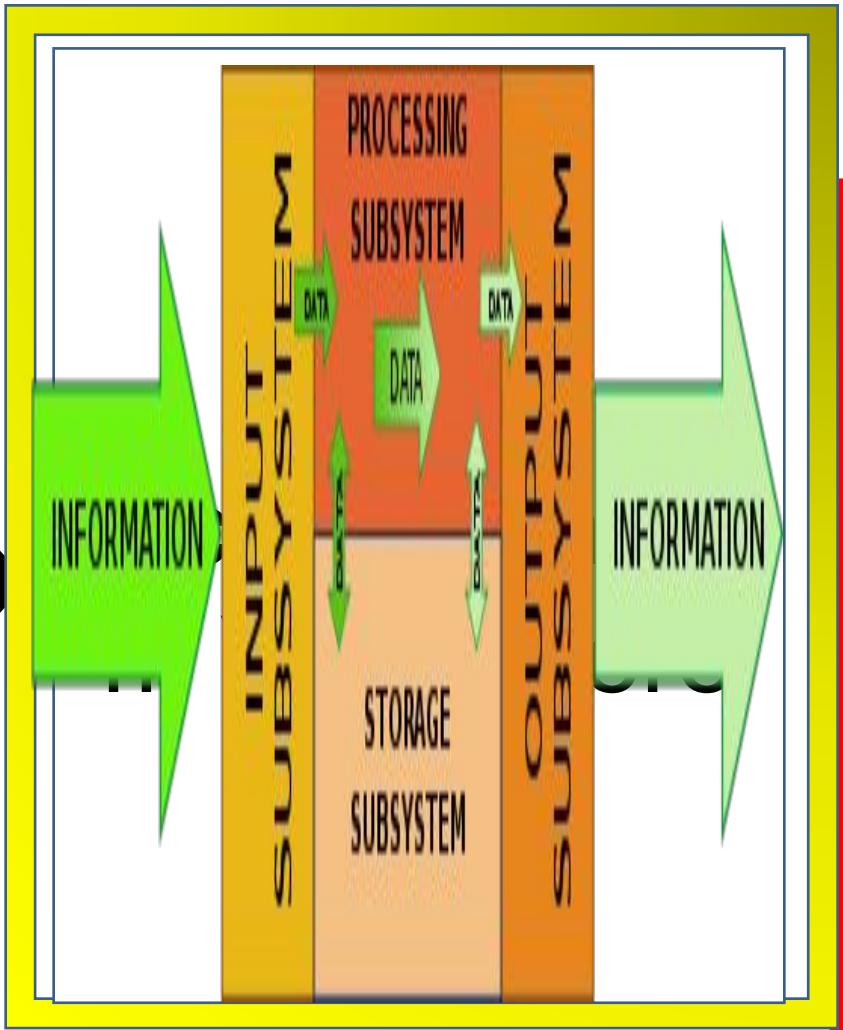
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Data Processing System

Guiding Learning Questions

Highlight
data
processing
system



Answers to Guiding Learning Question.

A **data processing system** is a combination of machines and people that for a set of inputs produces a defined set of outputs.



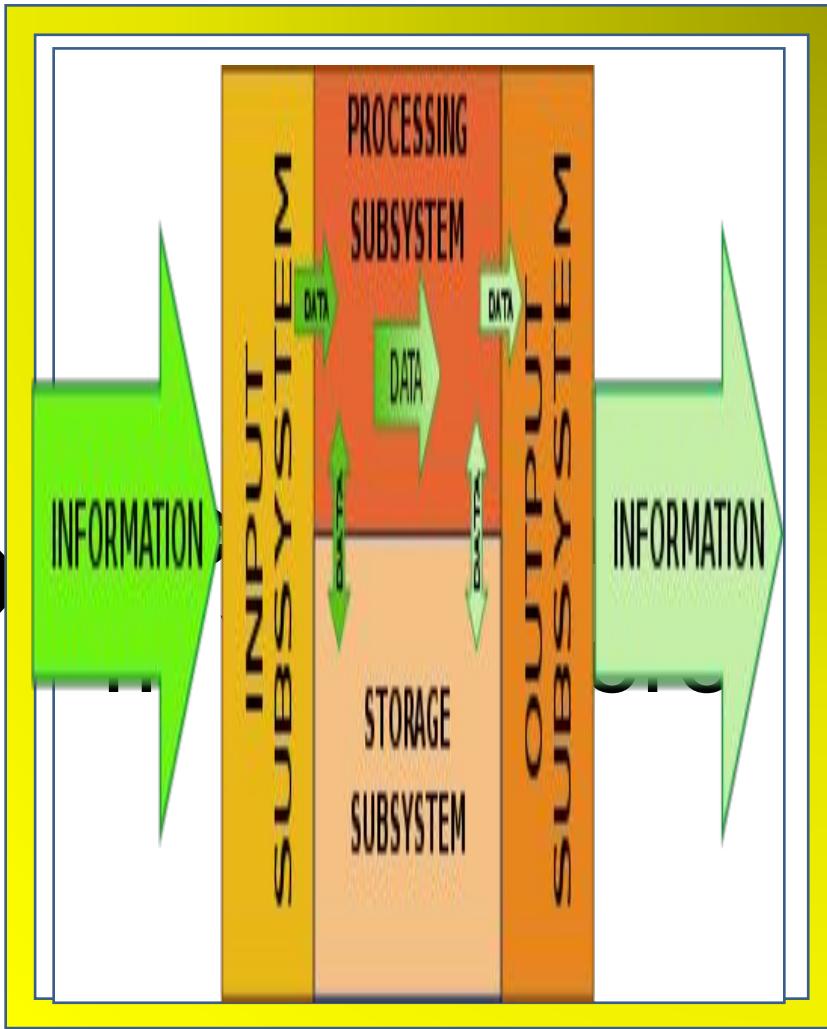
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Data Processing System

Guiding Learning Questions

Highlight
data
processing
system



Answers to Guiding Learning Question.

The inputs and outputs are interpreted as data, facts, information, ... depending on the interpreter's relation to the system. A common synonymous term is "information system".

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Global Positioning System (GPS)

Guiding Learning Questions

What is global positioning system?



Answers to Guiding Learning Question.

The **Global Positioning System (GPS)** is a space-based satellite navigation system that provides location and time information in all weather conditions,

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Global Positioning System (GPS)

Guiding Learning Questions

What is global positioning system?



Answers to Guiding Learning Question.

anywhere on or near the Earth where there is an unobstructed line of sight to four or more GPS satellites. The system provides critical capabilities to military, civil and commercial users around the world.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Global Positioning System (GPS)

Guiding Learning Questions

What is global positioning system?



Answers to Guiding Learning Question.

It is maintained by the United States government and is freely accessible to anyone with a GPS receiver.



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Global Positioning System (GPS)

Guiding Learning Questions

What is global positioning system?



Answers to Guiding Learning Question.

GPS is a network of 24 well-spaced satellites that orbit the earth and make it possible for people with ground receivers to pinpoint their geographic location.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Global Positioning System (GPS)

Guiding Learning Questions

What is global positioning system?



Answers to Guiding Learning Question.

People with GPS receiver devices can use it to locate them exactly where they are on the earth. Some mobile phones come with GPS application.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



What is packet Switching?

Guiding Learning Questions

Highlight the term **packet switching**



Answers to Guiding Learning Question.

To be able to understand packet-switching, you need to know what a packet is. The Internet Protocol(IP), just like many other protocols, breaks data into chunks and wraps the chunks into structures called packets. Each packet contains,

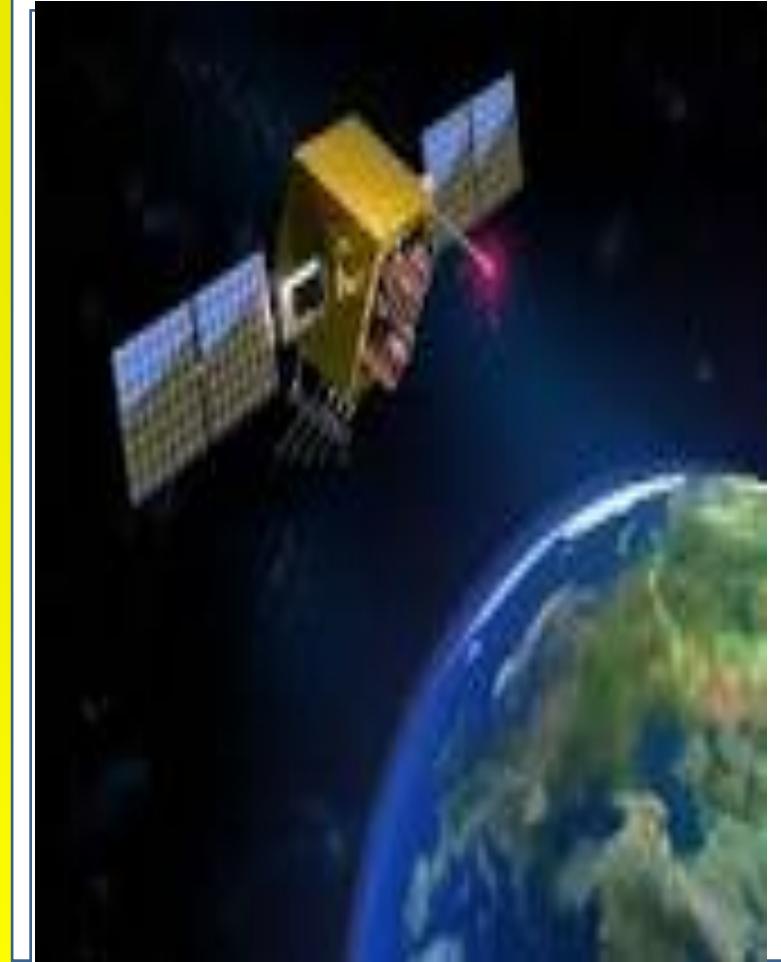
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



What is packet Switching?

Guiding Learning Questions

Highlight the term **packet switching**



Answers to Guiding Learning Question.

along with the data load, information about the IP address of the source and the destination nodes, sequence numbers and some other control information.

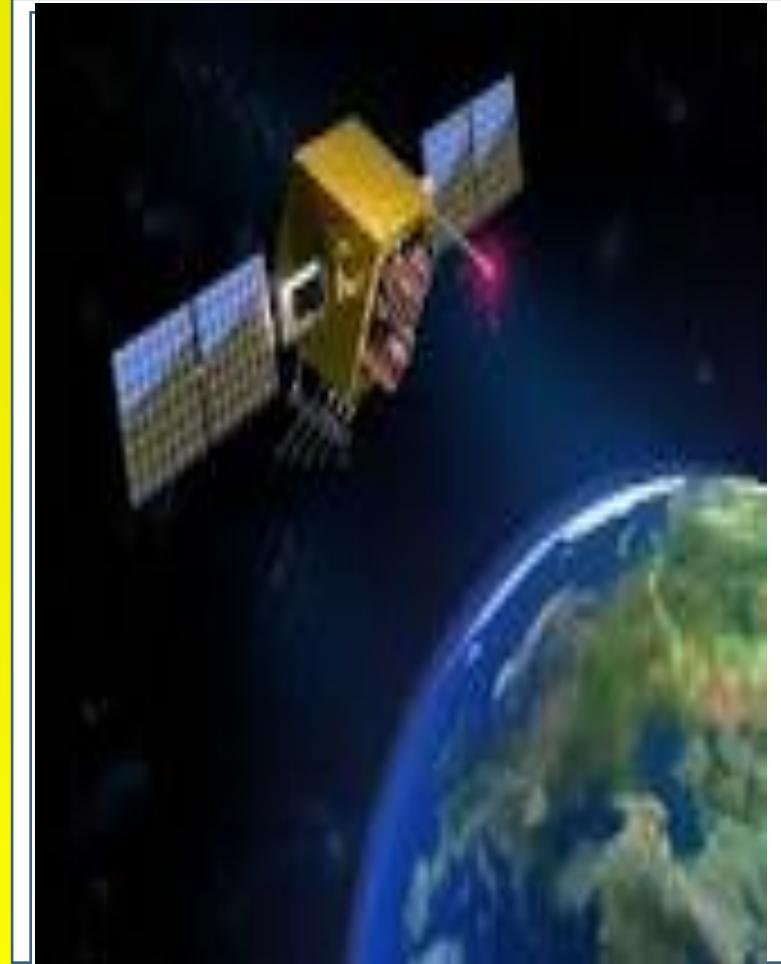
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



What is packet Switching?

Guiding Learning Questions

Highlight the term **packet switching**



Answers to Guiding Learning Question.

A packet can also be called a segment or datagram. Once they reach their destination, the packets are reassembled to make up the original data again. It is therefore obvious that, to transmit data in packets, it has to be digital data.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



What is packet Switching?

Guiding Learning Questions

Highlight the term **packet switching**



Answers to Guiding Learning Question.

In **packet-switching**, the packets are sent towards the destination irrespective of each other. Each packet has to find its own route to the destination. There is no predetermined path; the decision as to which node to hop to in the next step is taken only when a node is reached

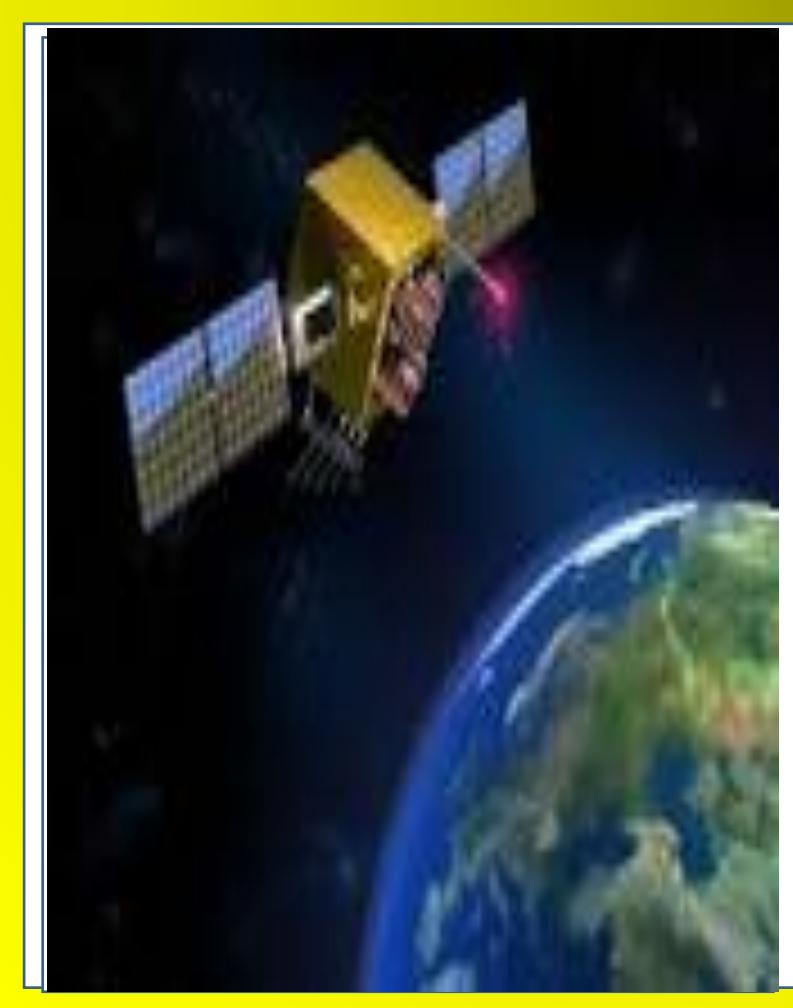
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



What is packet Switching?

Guiding Learning Questions

Highlight the term **packet switching**



Answers to Guiding Learning Question.

Each packet finds its way using the information it carries, such as the source and destination IP addresses.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



What is packet Switching?

Guiding Learning Questions

Briefly compare between circuit switching and Packet switching



Answers to Guiding Learning Question.

1. Circuit switching is old and expensive, and it is what PSTN uses. Packet switching is more modern.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



What is packet Switching?

Guiding Learning Questions

Briefly compare between circuit switching and Packet switching



Answers to Guiding Learning Question.

2. When you are making a PSTN call, you are actually renting the lines, with all it implies. See why international calls are expensive? So if you speak for, say 10 minutes, you pay for ten minutes of dedicated line

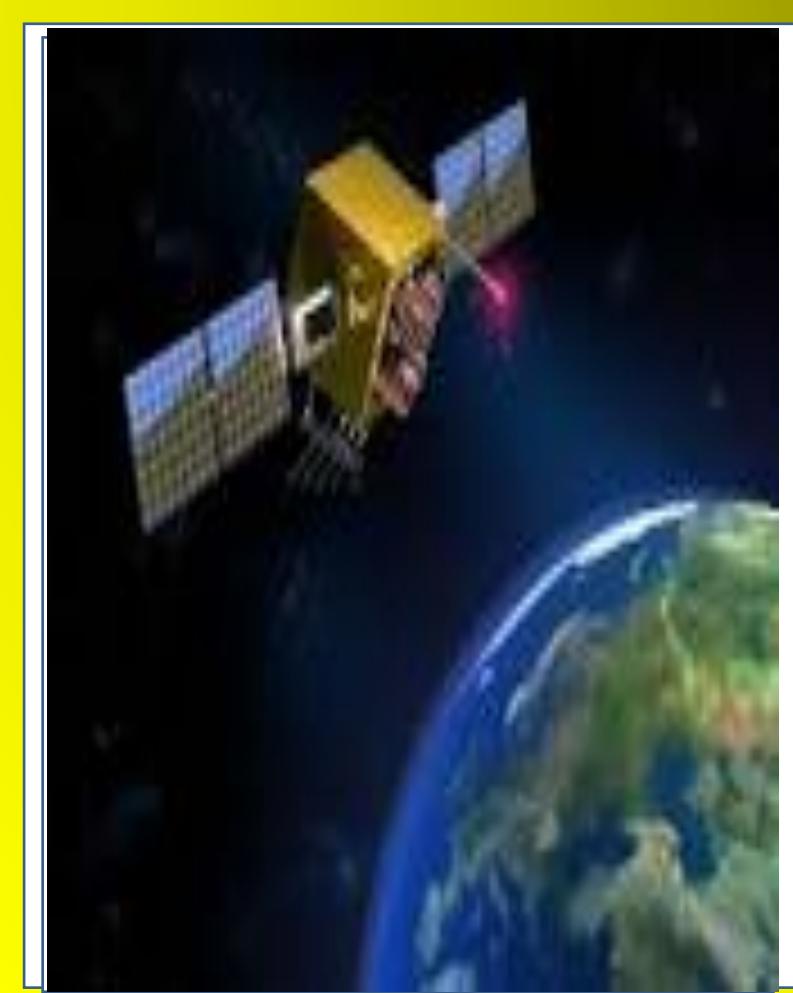
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



What is packet Switching?

Guiding Learning Questions

Briefly compare between circuit switching and Packet switching



Answers to Guiding Learning Question.

You normally speak only when your correspondent is silent, and vice versa. Taking also into consideration the amount of time no one speaks, you finally use much less than half of what you are paying for.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



What is packet Switching?

Guiding Learning Questions

Briefly compare between circuit switching and Packet switching



Answers to Guiding Learning Question.

With VoIP, you actually can use a network or circuit even if there are other people using it at the same time. There is no circuit dedication. The cost is shared.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



What is packet Switching?

Guiding Learning Questions

Briefly compare between circuit switching and Packet switching



Answers to Guiding Learning Question.

3. Circuit-switching is more reliable than packet-switching. When you have a circuit dedicated for a session, you are sure to get all information across. When you use a circuit which is open for other services.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



What is packet Switching?

Guiding Learning Questions

Briefly compare between circuit switching and Packet switching



Answers to Guiding Learning Question.

then there is a big possibility of congestion (which is for a network what a traffic jam is for the road), and hence the delays or even packet loss. This explains the relatively lower quality of VoIP voice compared to PSTN.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



What is packet Switching?

Guiding Learning Questions

Briefly compare between circuit switching and Packet switching



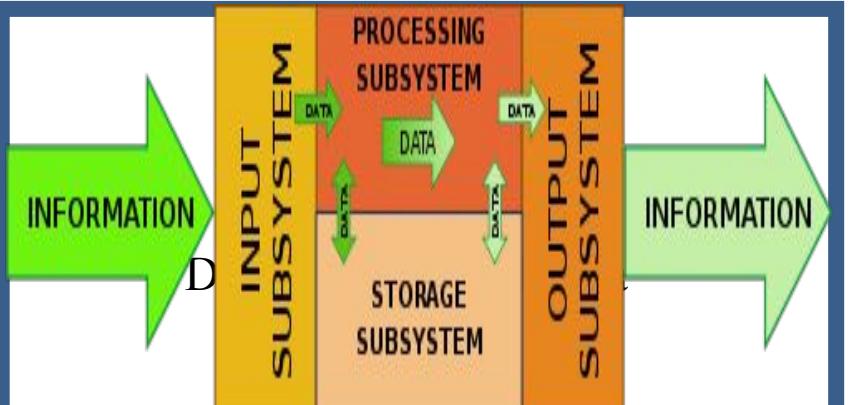
Answers to Guiding Learning Question.

But you actually have other protocols giving a helping hand in making packet-switching techniques to make connections more reliable. An example is the TCP protocol.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Sub point



Caption

Guiding learning Questions

- List types of Telecommunication

Answers to the Guiding Questions

- Public switched telephone network (PSTN)-Land line
- Mobile phone system (GSM)
- Circuit switched packet telephone System(CSPT)
- Satellite telephone system
- Fixed Wireless telephone system



Guiding learning Questions

- Highlight types of Data Network?

Answers to the Guiding Questions

- Personal Area Network (PAN)
- Local Area Network (LAN)
- Metropolitan Area Network (MAN)
- Wide Area Network (WAN)
- Internet

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.

Sub point



Caption

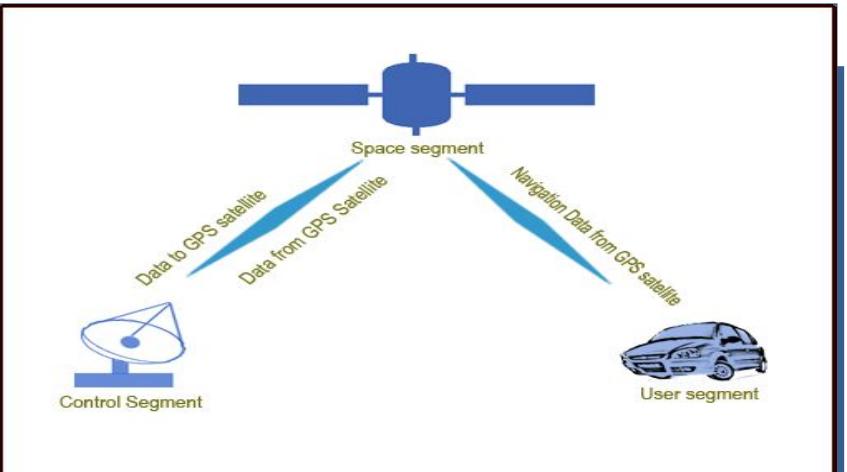
Guiding learning
Questions

- Highlight types of Information system

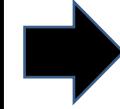


Answers to the Guiding Questions

- Data Processing System
- Global Positioning System (GPS)



Caption

Guiding learning
Questions

Answers to the Guiding Questions

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.

Topic:

Class

Digital Platforms/Sources	Website ... url address below	Description of target concept to search for.
YouTube	Copy the website address here	
Google	Copy the website address here	
Google Classroom	Copy the website address here	
Zoom	Copy the website address here	
School Britannica	Copy the website address here	

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Key Points and Picture/Diagram

Telecommunication refers to a mode of communication where transmission of messages occurs over significant distances.

Point 1

A data network is a system that transfers data between network access points (nodes) through data switching, system control and interconnection transmission lines.

Point 4

Types of Telecommunication

- Public switched telephone network (PSTN)-Land line
- Mobile phone system (GSM)

Point 2

Types of data network

- Personal Area Network (PAN)
- Local Area Network (LAN)

Point 5

- Circuit switched packet telephone System(CSPT)
- Satellite telephone system
- Fixed Wireless telephone system

Point 3

- Types od data network
- Metropolitan Area Network (MAN)
- Wide Area Network (WAN)
- Internet

Point 6

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Class Works/Questions

1. What is Telecommunication?

- **Telecommunication refers to a mode of communication where transmission of messages occurs over significant distances.**

2. List the types of telecommunication systems

- Public switched telephone network (PSTN)-Land line
- Mobile phone system (GSM) , Circuit switch packet, switched packet telephone System(CSPT)

3. What is data network?

A data network is a system that **transfers data** between network access points (nodes) through **data switching**, system control and interconnection transmission lines.

4. What is Information system?

Information system (IS) is the study of complementary networks of hardware and software that people and organizations use to collect, filter, process, create and distribute data.

What is Internet?

Internet is connecting a computer to any other computer anywhere in the world via dedicated routers and servers. When two computers are connected over the Internet,

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Learning Follow-up Assignment

1. Highlight any five application areas of ICT
2. Write briefly on the term **Video conferencing**

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Chrisla

ONLINE

Digital

Keep Safe . Keep Healthy.

LISTEN. PRACTICE. UNDERSTAND then WRITE DOWN THE KEY POINTS.





Topic ?

Study this image carefully and suggest the topic!

ICT

Subject

YEAR 10

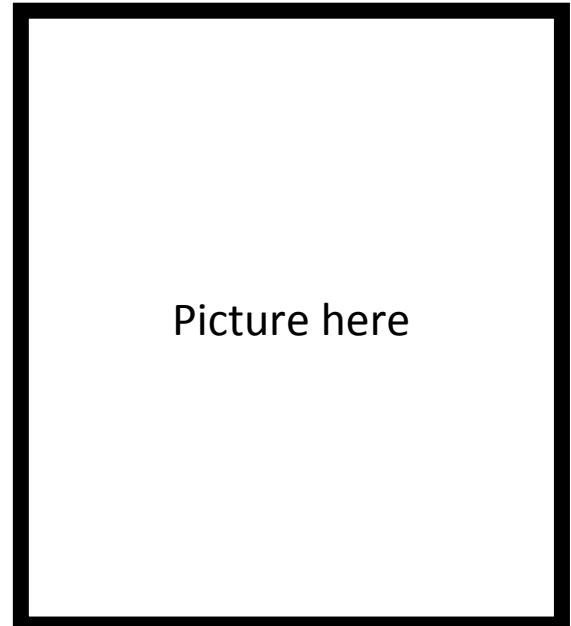
Class

Week 3 Term 3, 2021

Week, Term & Year

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.





Topic: Application Areas of ICT

ICT
SUBJECT

Year 10

CLASS

Week 3 Term 3, 2021

Week 3rd Term & Year 2021



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Learning Objectives

By the end of the lesson; the students should be able to;

1. State the application of ‘ICT’
2. Highlight ICT – based gadgets
3. List and operate ICT – based gadgets

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Application Areas of ICT

Guiding Learning Questions

State the application of ICT



Answers to Guiding Learning Question.

1. Teleconferencing
2. Video Conferencing
3. Tele-presence
4. Telecommunication and Networking



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Application Areas of ICT

Guiding Learning Questions

List ICT – based gadgets



Answers to Guiding Learning Question.

1. Mobile Phones
2. Computer
3. Fax Machine
4. Automated Teller Machine (ATM)
5. Dispensing Machines

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Application Areas of ICT

Guiding Learning Questions

List ICT – based gadgets



Answers to Guiding Learning Question.

6. Point of Sale Machine – Automated Cash Register (ACR)
7. Radio Sets
8. Television Sets etc.



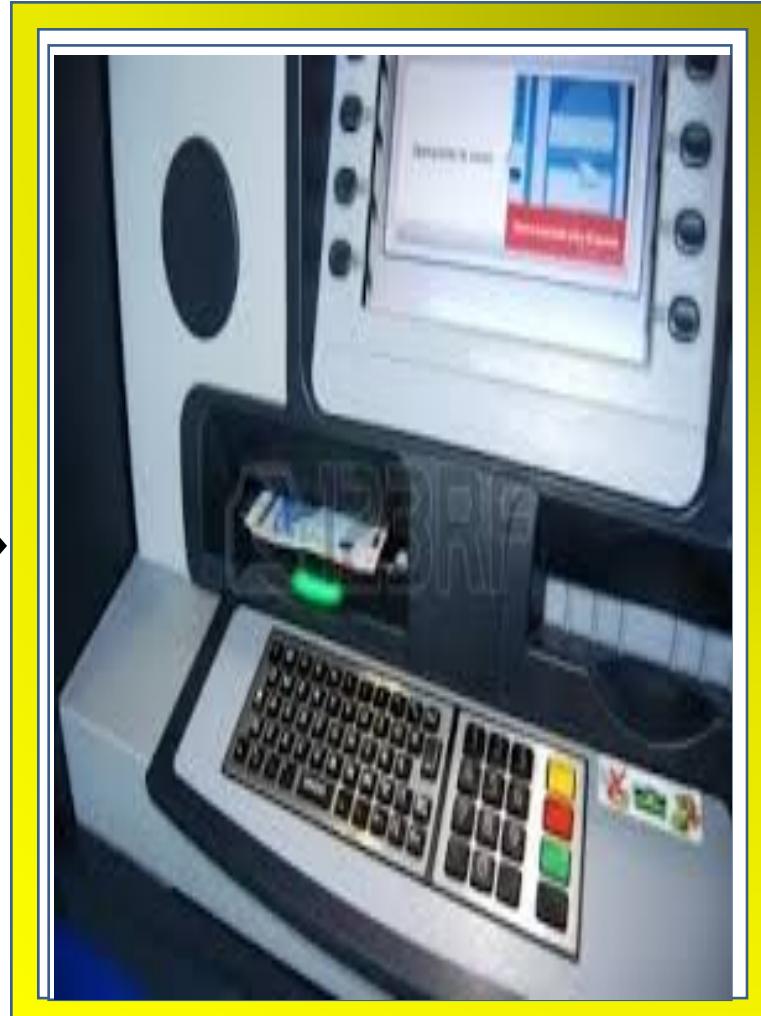
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Application Areas of ICT

Guiding Learning Questions

List ICT – based gadgets



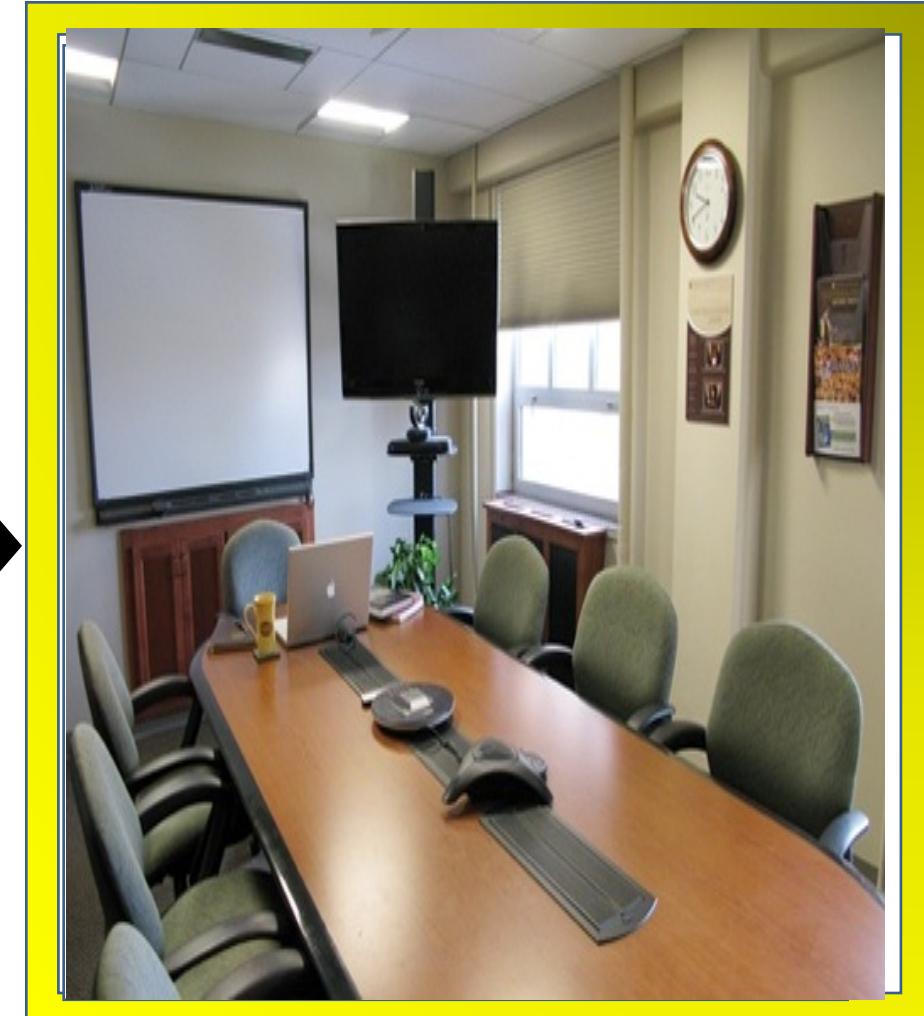
Answers to Guiding Learning Question.

6. Point of Sale Machine – Automated Cash Register (ACR)
7. Radio Sets
8. Television Sets etc.

Topic: Application Areas of ICT

Guiding Learning Questions

State the application of ICT



Answers to Guiding Learning Question.

- 5. Telecomputing
- 6. Messaging
- 7. Information search, retrieval and archival

Sub point



Caption

Guiding learning Questions

- List application areas of ICT



Answers to the Guiding Questions

Teleconferencing

- Video Conferencing
- Tele-presence
- Telecommunication and Networking
- Telecomputing
- Messaging
- Information search, retrieval and archival

Sub point



Caption

Guiding learning Questions

- List application of ICT based on gadgets



Answers to the Guiding Questions

- Mobile Phones . Radio sets
- Computer . Television sets
- Fax Machine
- Automated Teller Machine (ATM)
- Dispensing Machines
- Point of Sale Machine – Automated Cash Register (ACR) etc.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.

WebCam based video conference

Guiding Learning Questions

Highlight briefly on webcam based video conferencing



Answers to Guiding Learning Question.

A web cam based video call can no way be classed as telepresence. The resolutions of the images are too small and therefore cannot be blown up to life-size.

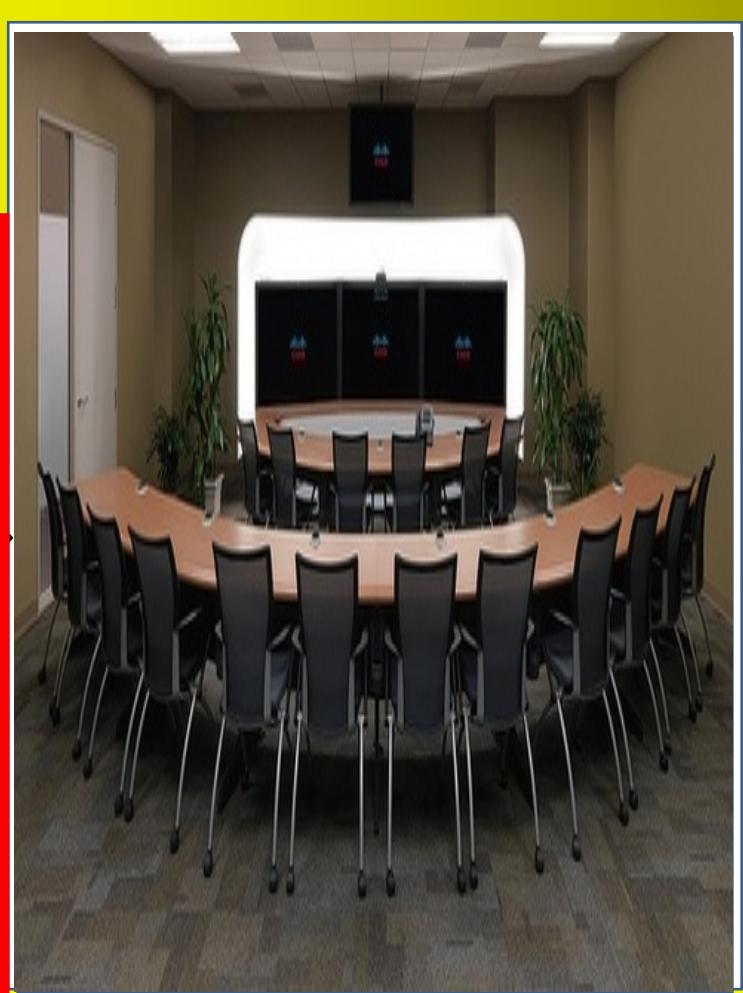
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Optimized Teleconference room

Guiding Learning Questions

Highlight the features of telepresence



Answers to Guiding Learning Question.

1. People appear life-size. Images on the TelePresence screen appear in the exact proportions that they would in real life.



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Optimized Teleconference room

Guiding Learning Questions

Explain briefly the process of telepresence



Answers to Guiding Learning Question.

In a nutshell telepresence is a rules-based video experience designed to deliver the illusion that meeting participants in two or more sites at completely different locations are in the same room.

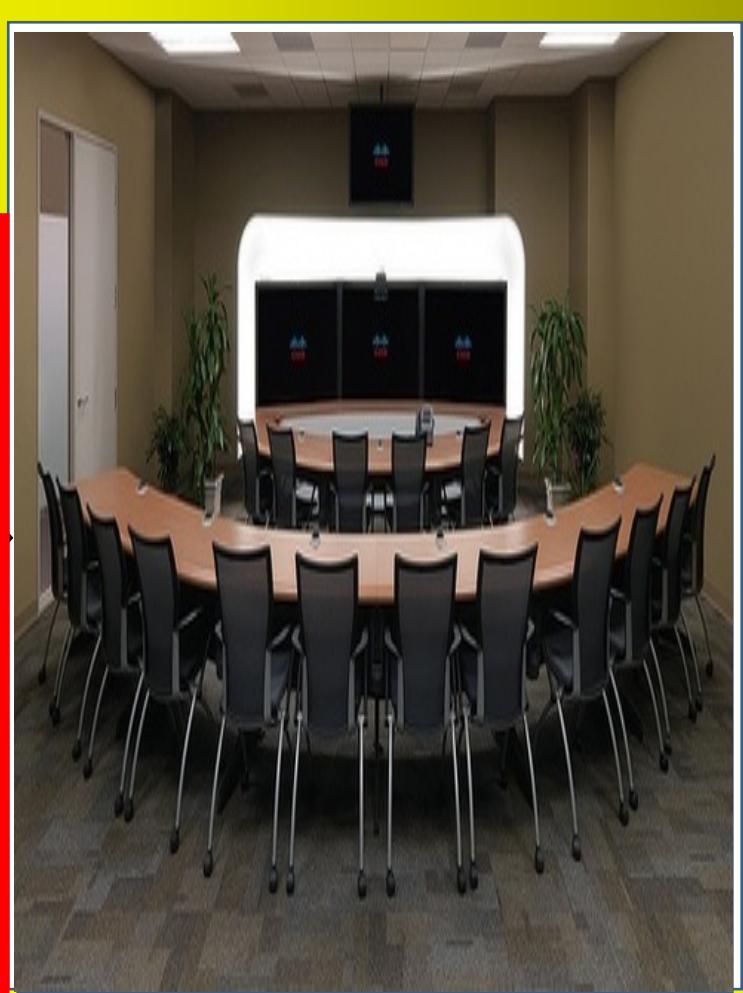
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



(Optimized Teleconference room

Guiding Learning Questions

Explain briefly the process of telepresence



Answers to Guiding Learning Question.

A videoconference doesn't apply any rules and most of the time people receive a poor quality, UN-reliable experience when using traditional videoconferencing.

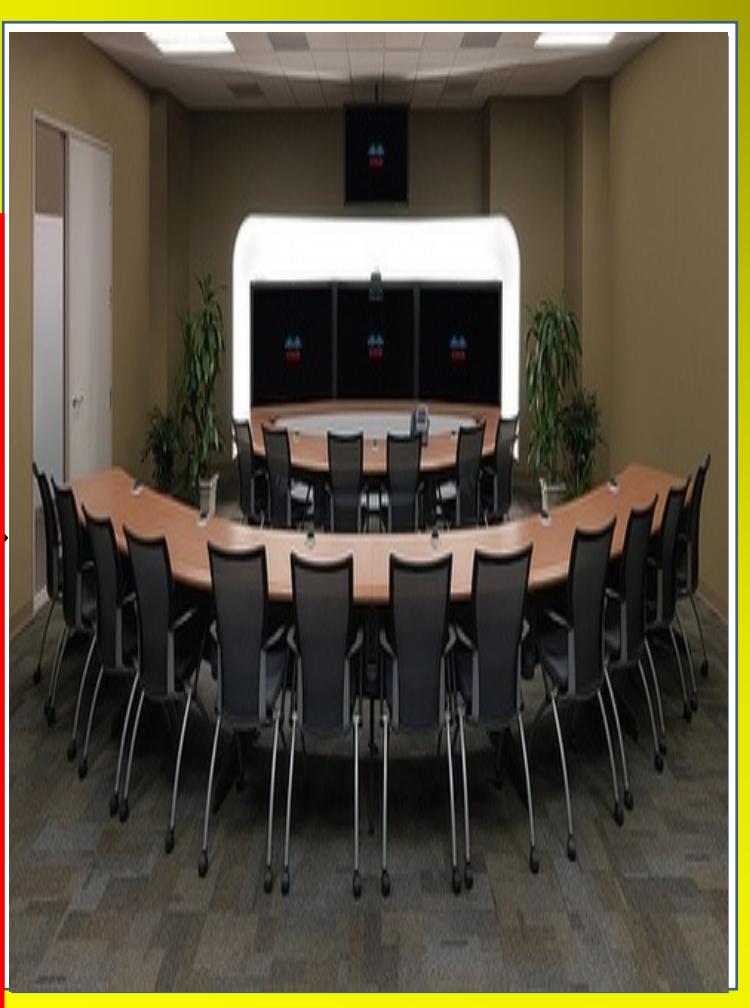
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



(Optimized Teleconference room

Guiding Learning Questions

Explain briefly the process of telepresence



Answers to Guiding Learning Question.

As in the above picture, telepresence room with tuned lighting, all meeting participants are face forward with tailored lighting whilst incorporating the telepresence maxim of quality simplicity and reliability.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



WebCam-based video conference

Guiding Learning Questions

Explain briefly the process of traditional telepresence



Answers to Guiding Learning Question.

(due to sub optimal seating configurations) In addition to this the lighting and audio are not optimized. Videoconferencing implementations such as the above also suffer from very low utilization

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



WebCam-based video conference

Guiding Learning Questions

Explain briefly the process of **WebCam-based** video conference



Answers to Guiding Learning Question.

A web cam based video call can no way be classed as telepresence. The resolutions of the images are too small and therefore cannot be blown up to life-size



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Tele-conference

Guiding Learning Questions

Highlight the term
tele-conference



Answers to Guiding Learning Question.

A teleconference is a telephone meeting among two or more participants involving technology more sophisticated than a simple two-way phone connection.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Tele-conference

Guiding Learning Questions

Highlight the term
tele-conference



Answers to Guiding Learning Question.

At its simplest, a teleconference can be an audio conference with one or both ends of the conference sharing a speaker phone. With considerably more equipment and special arrangements.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Tele-conference

Guiding Learning Questions

State the features of tele-conference



Answers to Guiding Learning Question.

Due to high bandwidth of video and the opportunity for larger and multiple display screens, a videoconference requires special telecommunication arrangements and a special room at each end

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.

Tele-conference

Guiding Learning Questions

State the features of tele-conference



Answers to Guiding Learning Question.

Teleconference enables people to have a meeting together on a subject from remote locations.

Teleconference can increase productivity by removing waste of travel time

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.

Tele-conference

Guiding Learning Questions

State the features of tele-conference



Answers to Guiding Learning Question.

and delay of decision-making, which could occur when insisting on a face-to-face meeting.

ICT – Based Gadgets

Guiding Learning Questions

List ICT – based gadgets



Answers to Guiding Learning Question.

1. Mobile Phones
2. Computer
3. Fax Machine
4. Automated Teller Machine (ATM)
5. Dispensing Machines



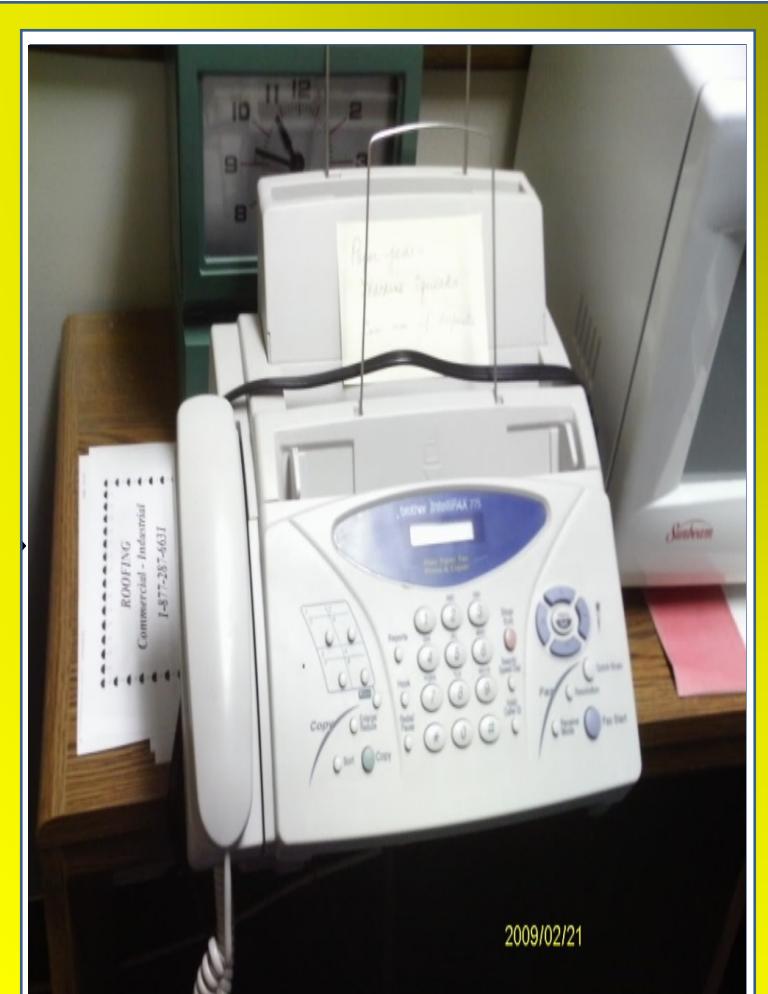
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



ICT – Based Gadgets

Guiding Learning Questions

List ICT – based gadgets



Answers to Guiding Learning Question.

6. Point of Sale Machine – Automated Cash Register (ACR)
7. Radio Sets
8. Television Sets etc.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Subject :.....

Images of ICT -Based Gadgets

Class :... Term: ...W: ... Yr: ...

Point of sale Machine (POS)



Dispensing Machine



Automated Teller Machine



Automated cash Register



Automated Kiosk



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.

Subject :.....

Topic : ...

Class :... Term: ...W: ... Yr: ...

Sub point



Guiding learning
Questions

- **Highlight application areas of ICT**



Answers to the Guiding Questions

- Teleconferencing
- Video Conferencing
- Tele-presence
- Telecommunication and Networking
- Telecomputing
- Messaging
- Information search, retrieval and archival

Sub point



Guiding learning
Questions

- **Highlight application areas of ICT based on Gadgets**



Answers to the Guiding Questions

- Mobile Phones . Television sets
- Computer
- Fax Machine
- Automated Teller Machine (ATM)
- Dispensing Machines
- Point of Sale Machine – Automated Cash Register (ACR) . Radio sets

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic:

Class

Digital Platforms/Sources	Website ... url address below	Description of target concept to search for.
YouTube	Copy the website address here	https://www.youtube.com/watch?v=5PDQKu2-bAc
Google	Copy the website address here	https://www.techopedia.com/definition/18430/communications-system
Google Classroom	Copy the website address here	
Zoom	Copy the website address here	
School Britannica	Copy the website address here	

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Class Works/Questions

1. State the application of ICT

1. Teleconferencing
2. Video Conferencing
3. Tele-presence
4. Telecommunication
5. Networking

2. List ICT – based gadgets

Mobile Phones , ATM, Point of Sale , Radio sets
Computer, Television sets Fax Machine tec.
• Fax Machine

3 What is Teleconferencing?

A teleconference is a telephone meeting among two or more participants involving technology more sophisticated than a simple two-way phone connection

A4.

Q5.

A5.

LISSEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Learning Follow-up Assignment

With the aid of related diagrams/images; research and write in details the following questions;-

1. State four application of ICT.
2. List five ICT – based gadgets.
3. Explain how to use an ATM.

**LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.**



Chrisla

ONLINE

Digital

Keep Safe . Keep Healthy.

LISTEN. PRACTICE. UNDERSTAND then WRITE DOWN THE KEY POINTS.



As a public speaker, what application should you install on your computer and why?

Topic ?

ICT

Subject

YEAR 10

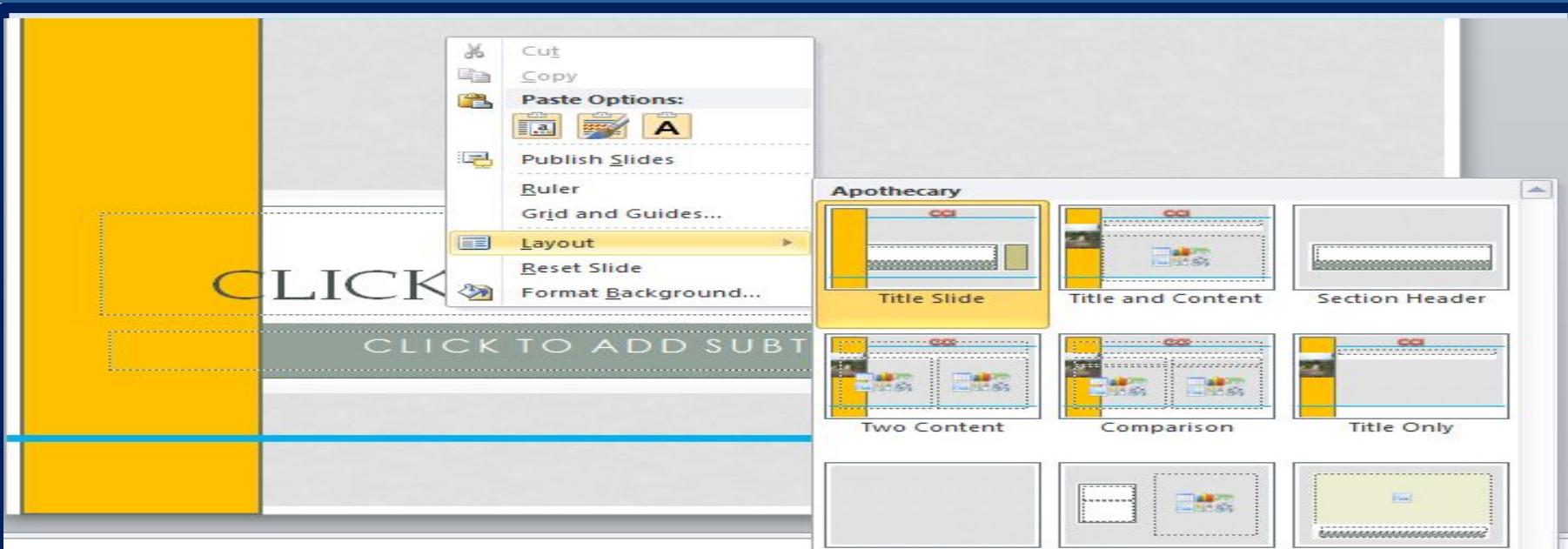
Class

Week 4 & 5 Term 3, 2021

Week, Term & Year

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.





Picture here

Topic: Presentation package

ICT

SUBJECT

Year 10

CLASS

Week 4 Term 3, 2021

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Learning Objectives

By the end of the lesson; the students should be able to;

1. Define presentation package
2. Highlight examples of a presentation package
3. List the features of a presentation package



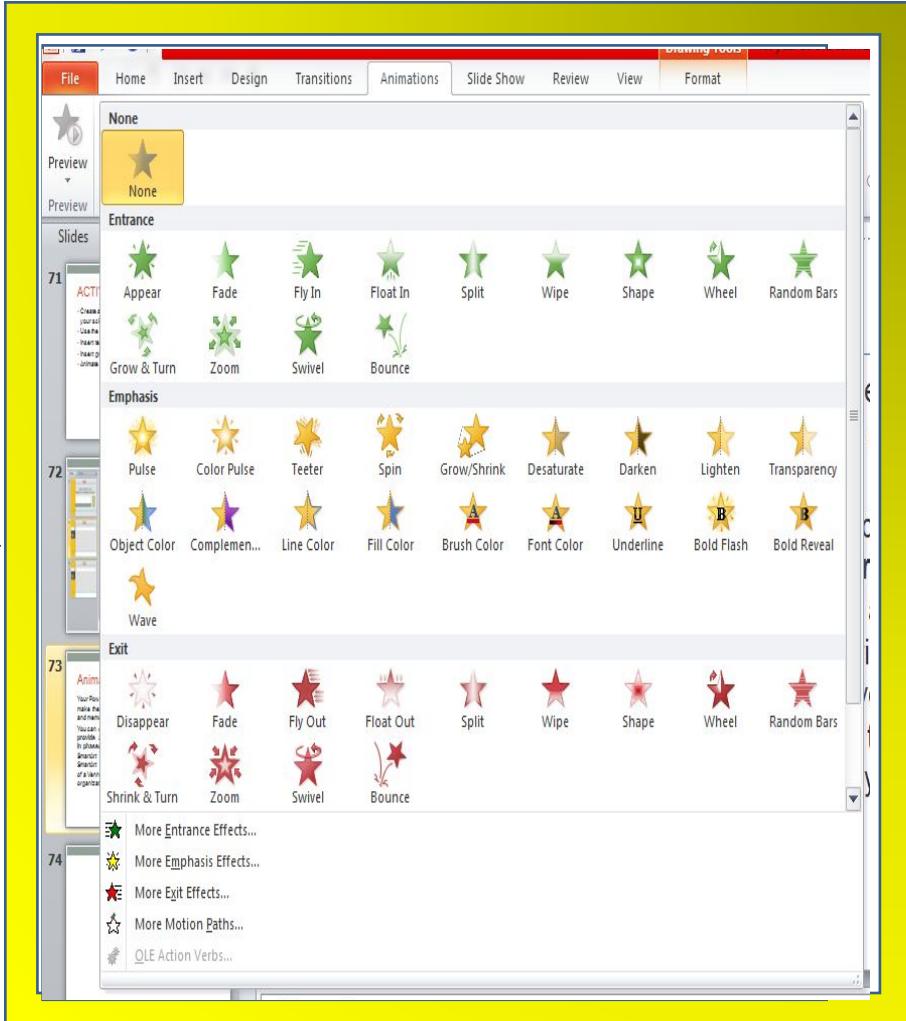
**LISSEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.**



Topic: Presentation Package

Guiding Learning Questions

What is presentation package?



Answers to Guiding Learning Question.

A Presentation package is a software program that contains a text editor and the ability to add charts, and graphic images,

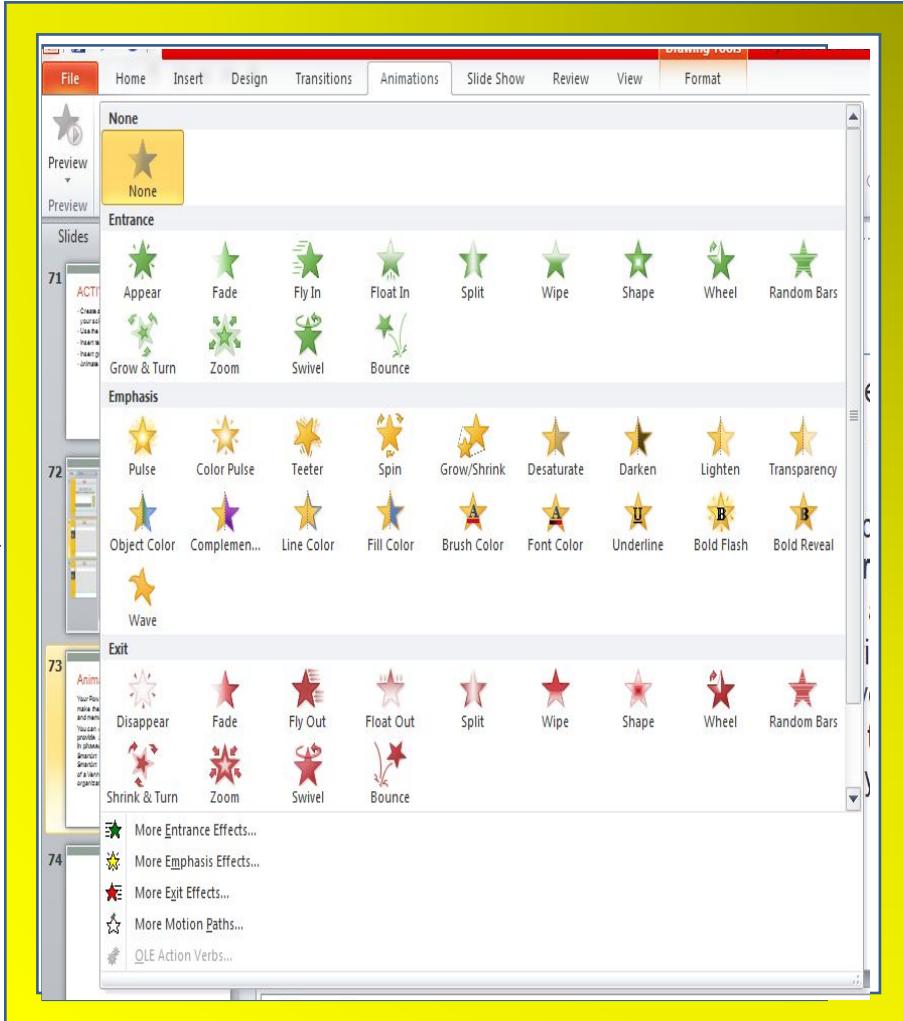
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Presentation Package

Guiding Learning Questions

What is presentation package?



Answers to Guiding Learning Question.

such as photographs, clip art, or other objects so as to make a slideshow for the purpose of communicating visually to an audience.



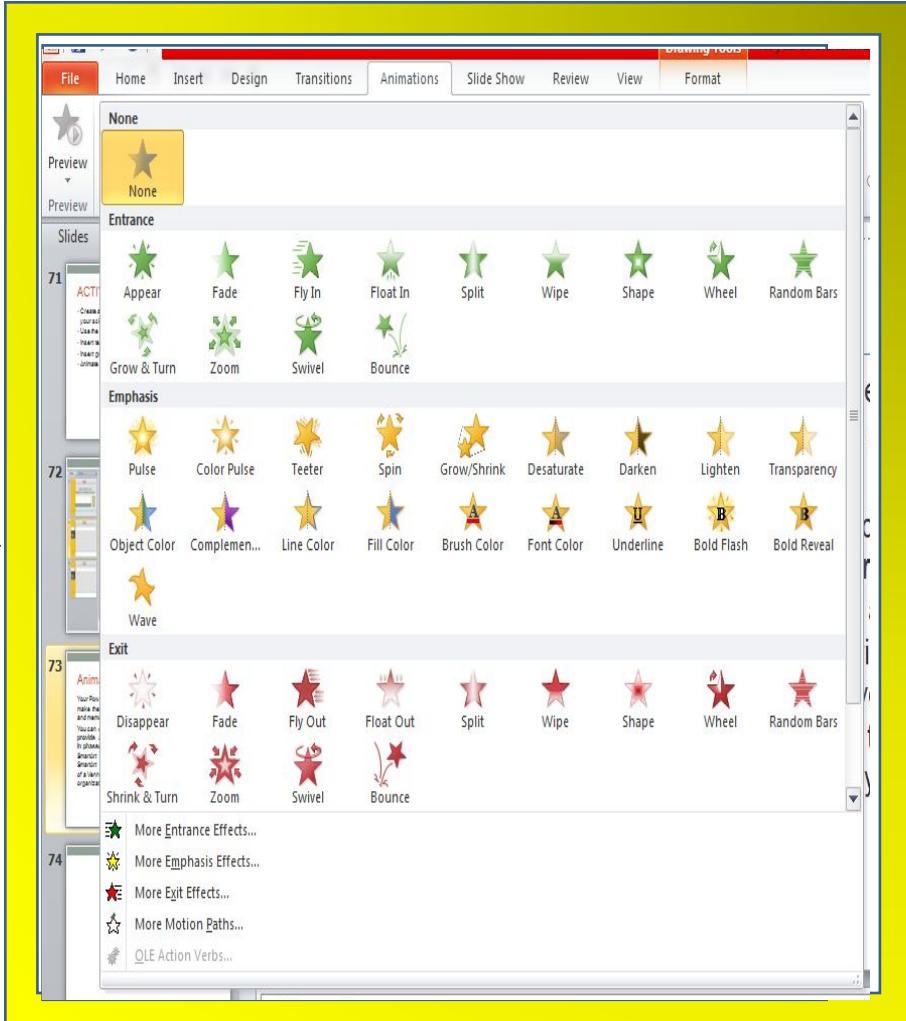
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Presentation Package

Guiding Learning Questions

List examples of presentation package



Answers to Guiding Learning Question.

Examples of presentation packages include:

1. MS PowerPoint
2. OpenOffice.org Impress
3. Windows Movie Maker



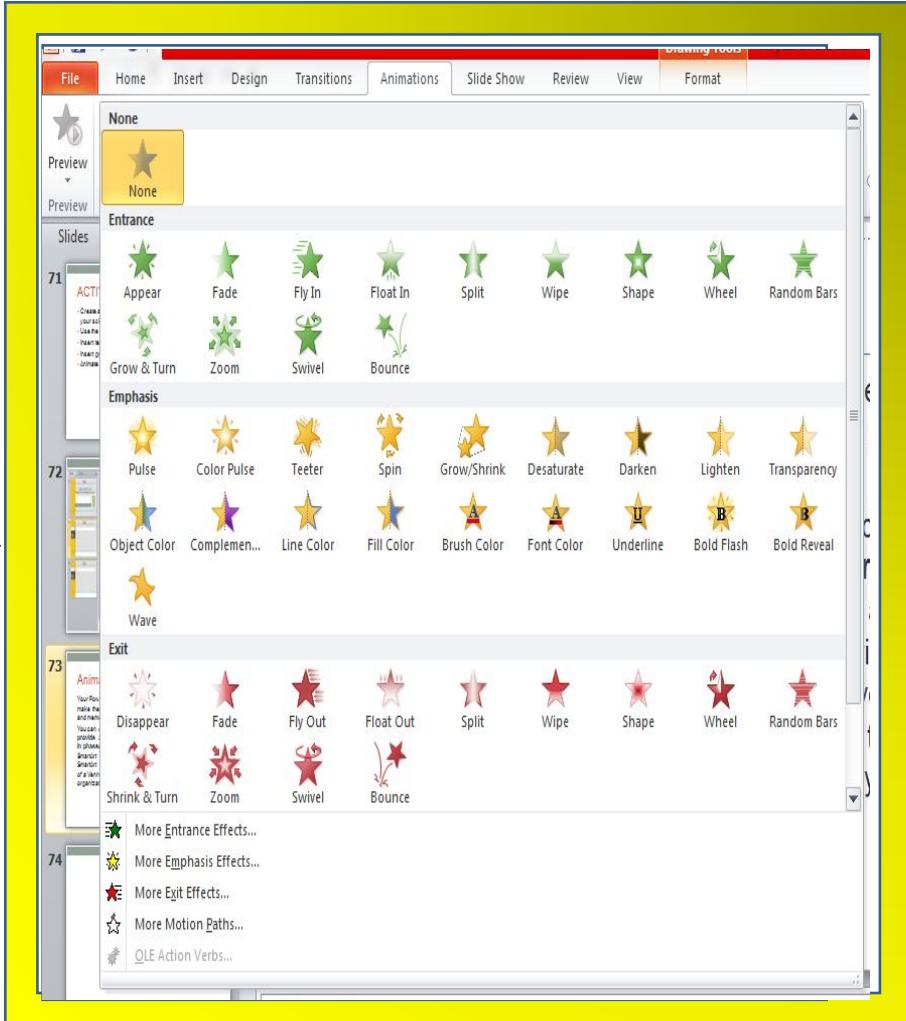
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Presentation Package

Guiding Learning Questions

List examples of presentation package



Answers to Guiding Learning Question.

Examples of presentation packages include:

1. Easy worship
2. Zoho Show
3. SlideShare
4. Prezi
5. ClickMeeting

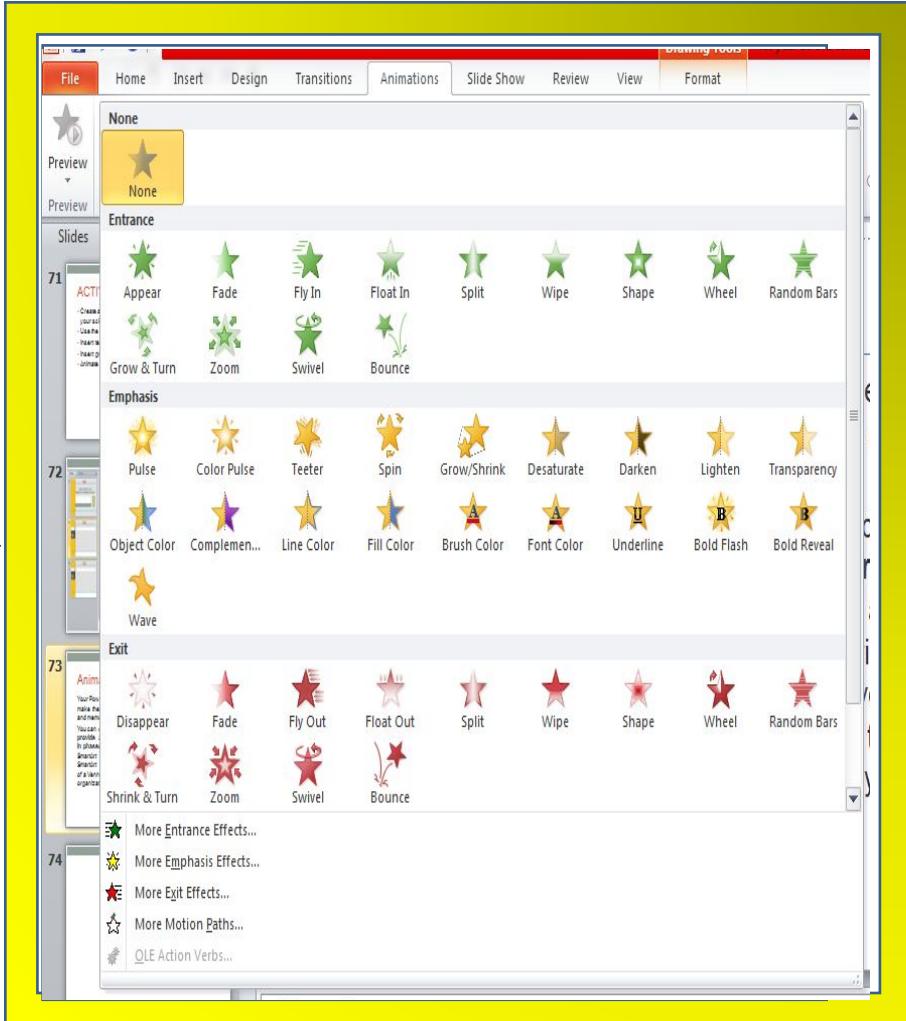
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Presentation Package

Guiding Learning Questions

List examples of presentation package



Answers to Guiding Learning Question.

Examples of presentation packages include:

6. SlideShare
7. Prezi
8. ClickMeeting
9. Knovio
- 10 iPresent

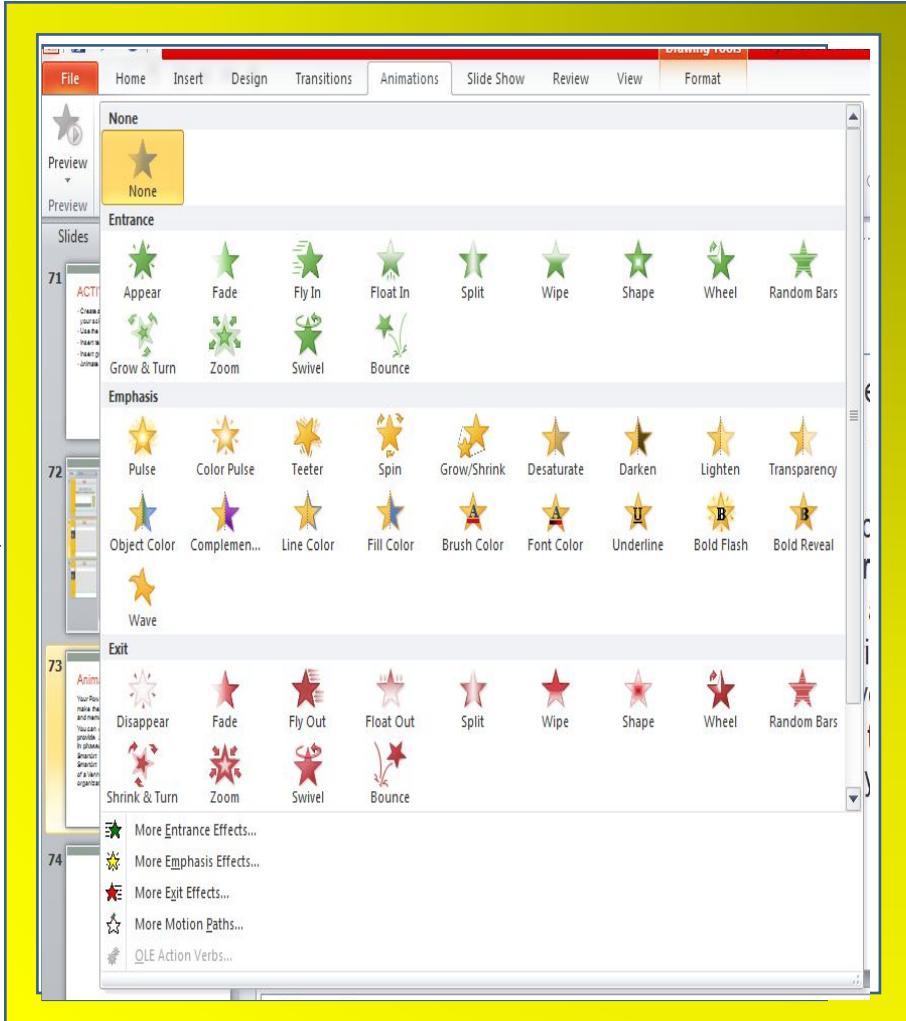
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Presentation Package

Guiding Learning Questions

Highlight the features of a presentation package



Answers to Guiding Learning Question.

1. Creation of slides
2. Insertion of pictures
3. Insertion of video and audio
4. Animation
5. Transition
6. Slideshows



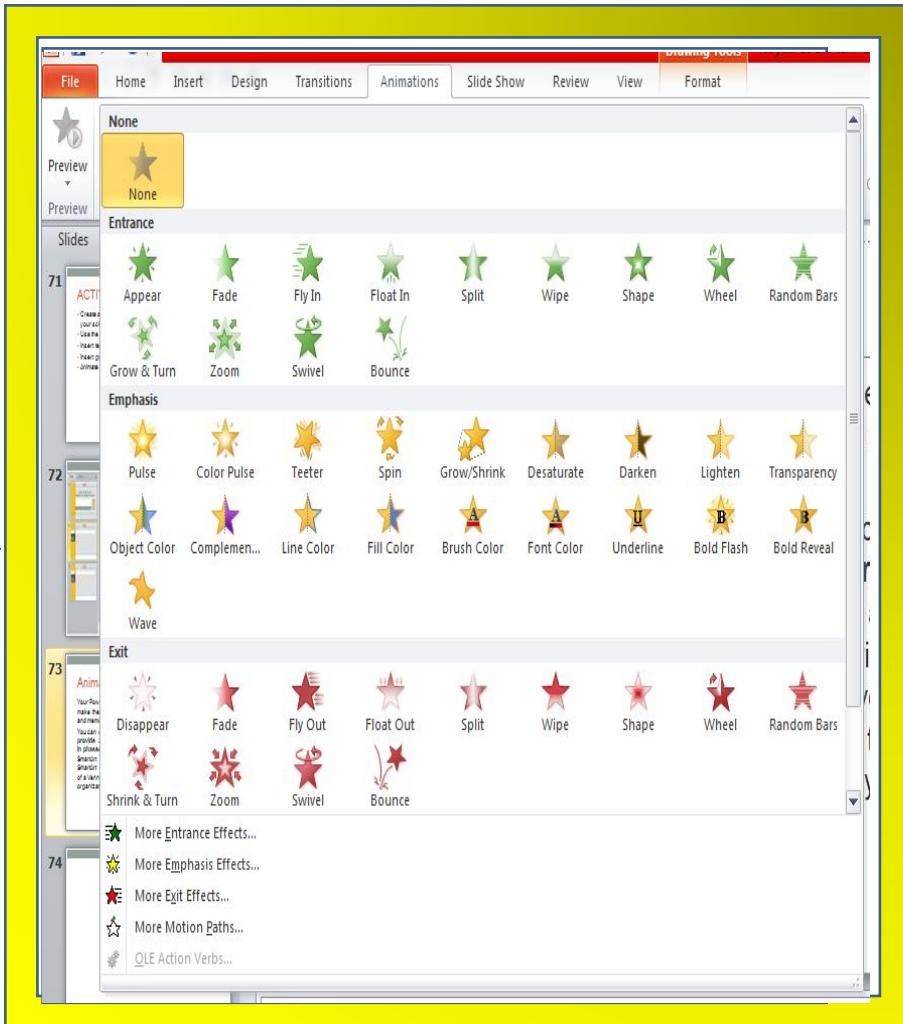
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: presentation package

Guiding Learning Questions

Highlight the features of a presentation package



Answers to Guiding Learning Question.

8. Creation of graphics
9. Creation of organizational and other charts



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Class Works/Questions

1. Define presentation package.

2. Highlight five examples of presentation package.

**LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.**



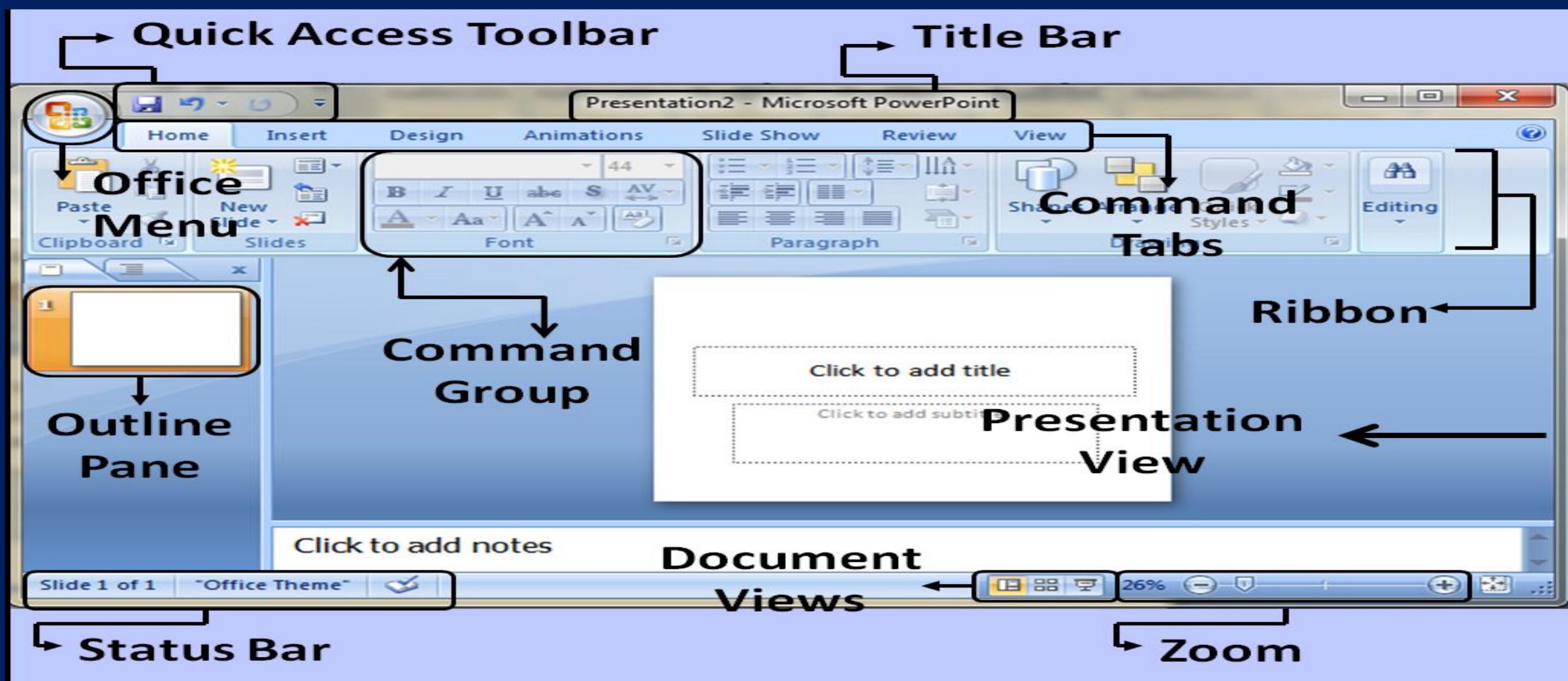
Learning Follow-up Assignment

1. State five features of presentation packages
2. Compare and contrast animation and transition.

**LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.**



Microsoft PowerPoint Environment



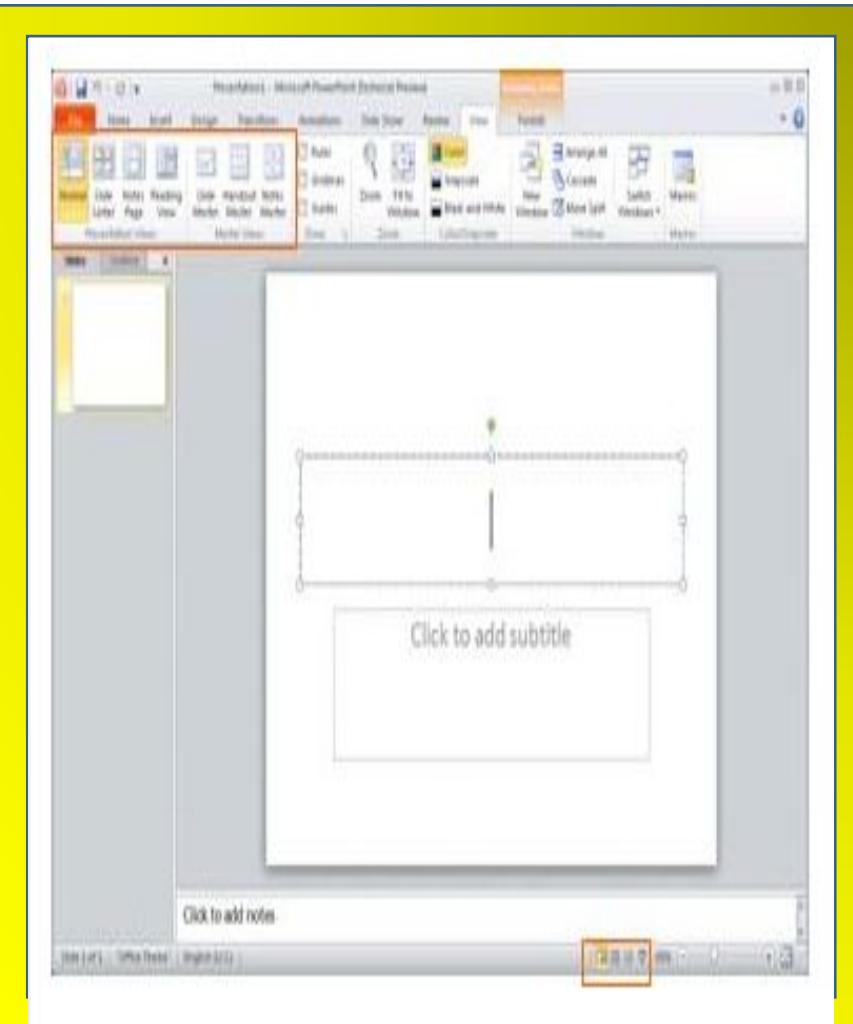
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



PowerPoint Views

Guiding Learning Questions

Practical class
Highlight
PowerPoint
Views



Answers to Guiding Learning Question.

The views in Microsoft PowerPoint 2010 are as follows

1. Normal view
2. Slide Sorter view
3. Notes Page view
4. Slide Show view (which includes Presenter view)



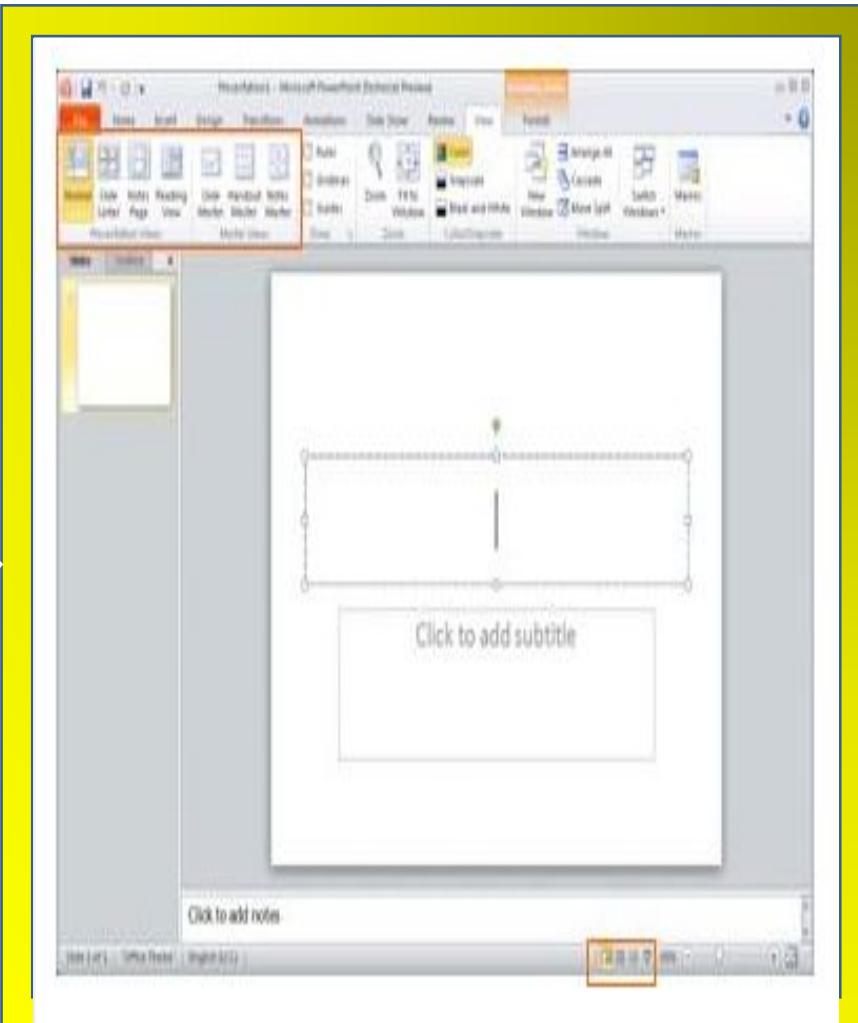
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



PowerPoint Views

Guiding Learning Questions

Practical class
Highlight
PowerPoint
Views



Answers to Guiding Learning Question.

5. Reading view
6. Master views: .
Slide, Handout, and Notes
As the screen capture below shows,.



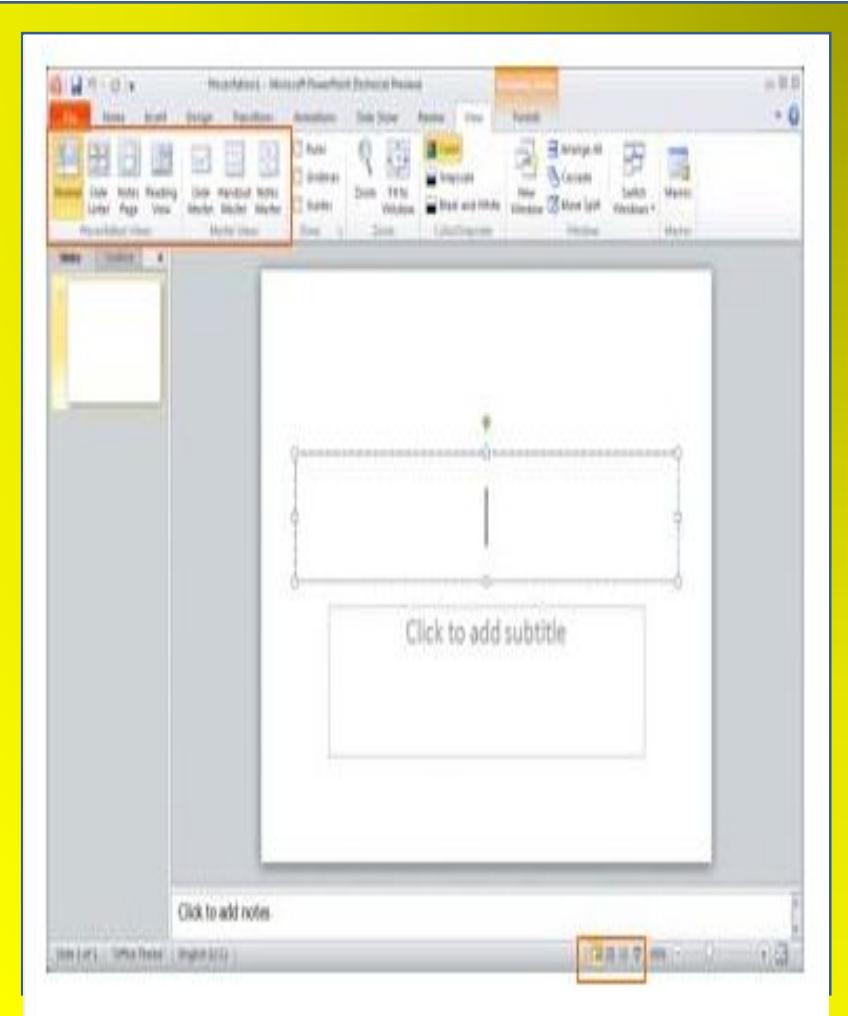
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



PowerPoint Views

Guiding Learning
Questions

Practical class
Highlight
PowerPoint
Views



Answers to Guiding Learning
Question.

PowerPoint views
in two places:
On the **View** tab,
in the
Presentations
Views and **Master**
Views groups.

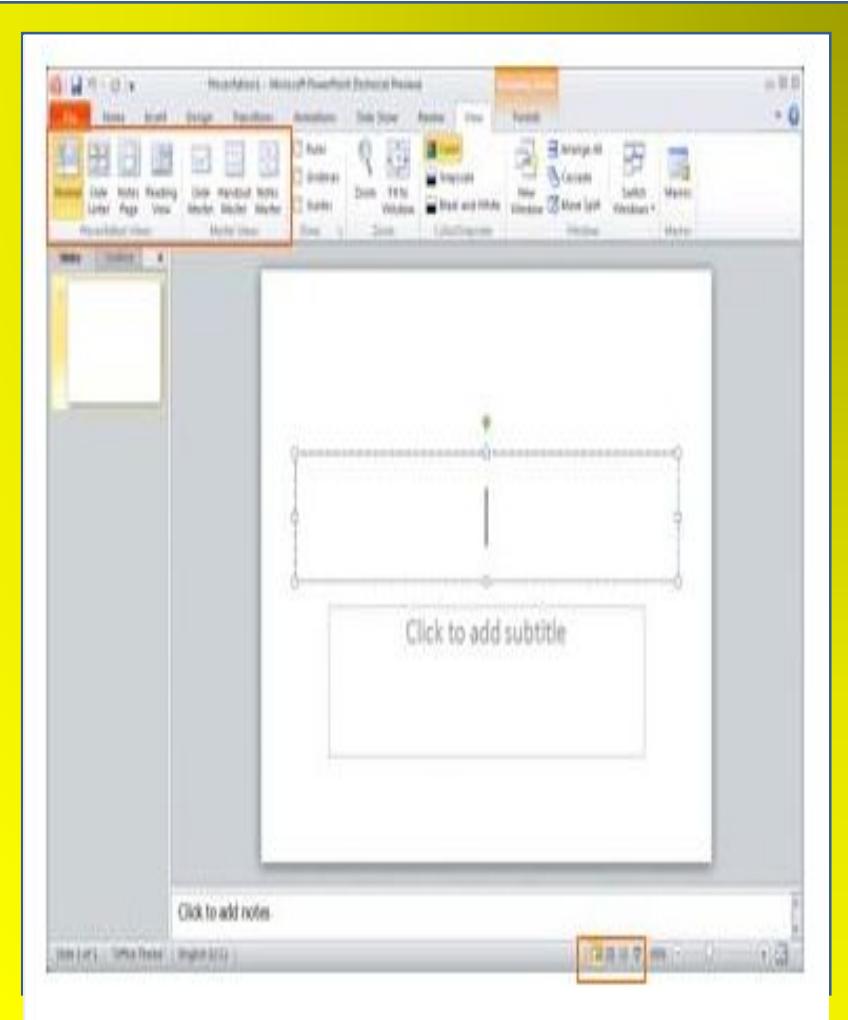
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



PowerPoint Views

Guiding Learning Questions

Practical class
Highlight
PowerPoint
Views



Answers to Guiding Learning Question.

On an easy to use bar at the bottom of the PowerPoint Window where the main views (Normal, Slide Sorter, Reading, and Slide Show) are available



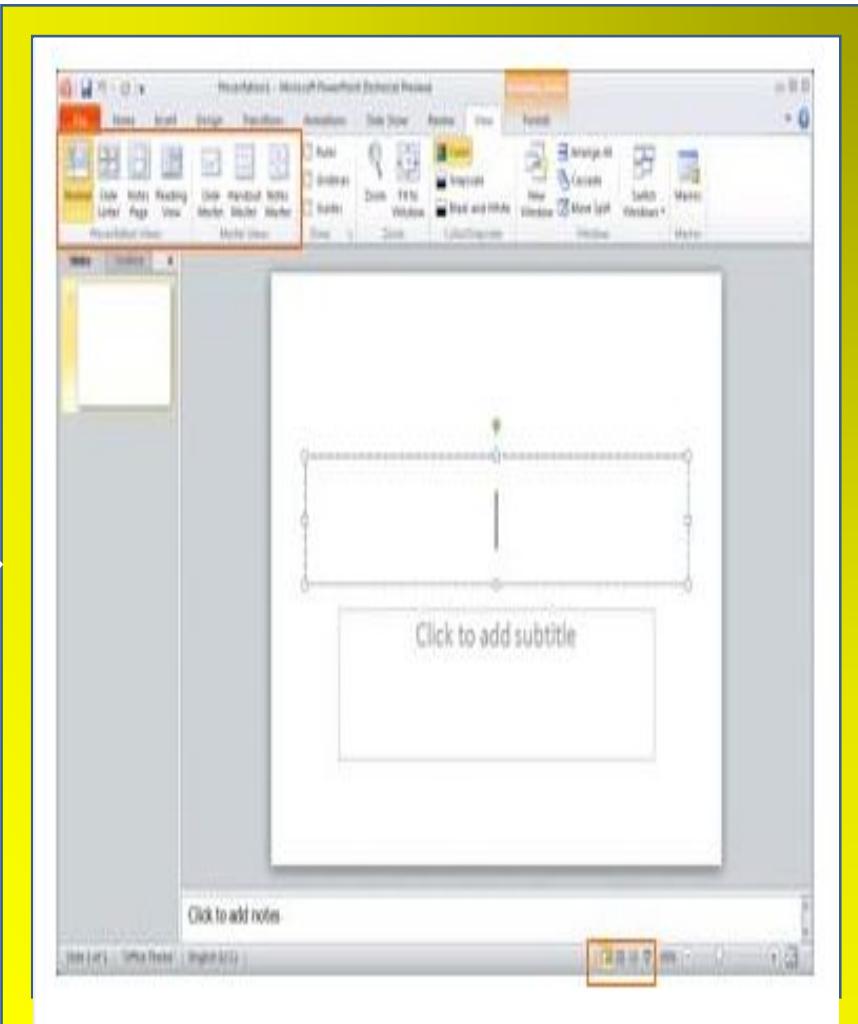
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



PowerPoint Window

Guiding Learning Questions

Highlight parts of PowerPoint window



Answers to Guiding Learning Question.

Title bar - displays the document name
Menu bar - click on a menu option to see a list of commands
Standard toolbar - frequently used menu options



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



PowerPoint Window

Guiding Learning Questions

Highlight parts of PowerPoint window



Answers to Guiding Learning Question.

Formatting toolbar - displays formatting commands



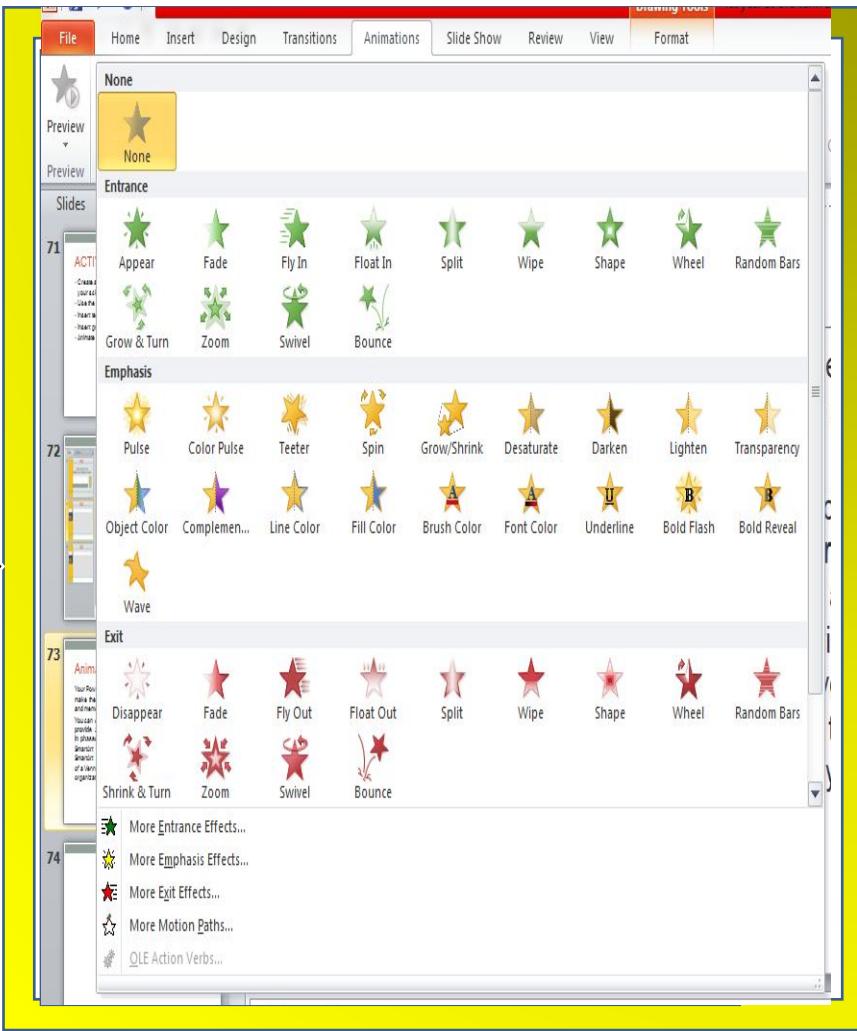
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Animate content (ACTIVITY:)

Guiding Learning Questions

PRACTICAL
Use the slide master for a global design.
Insert text.
Insert graphics/images
Animate content



Answers to Guiding Learning Question.

You can create moving, animated SmartArt graphics to provide additional emphasis or show your information in phases (animation).



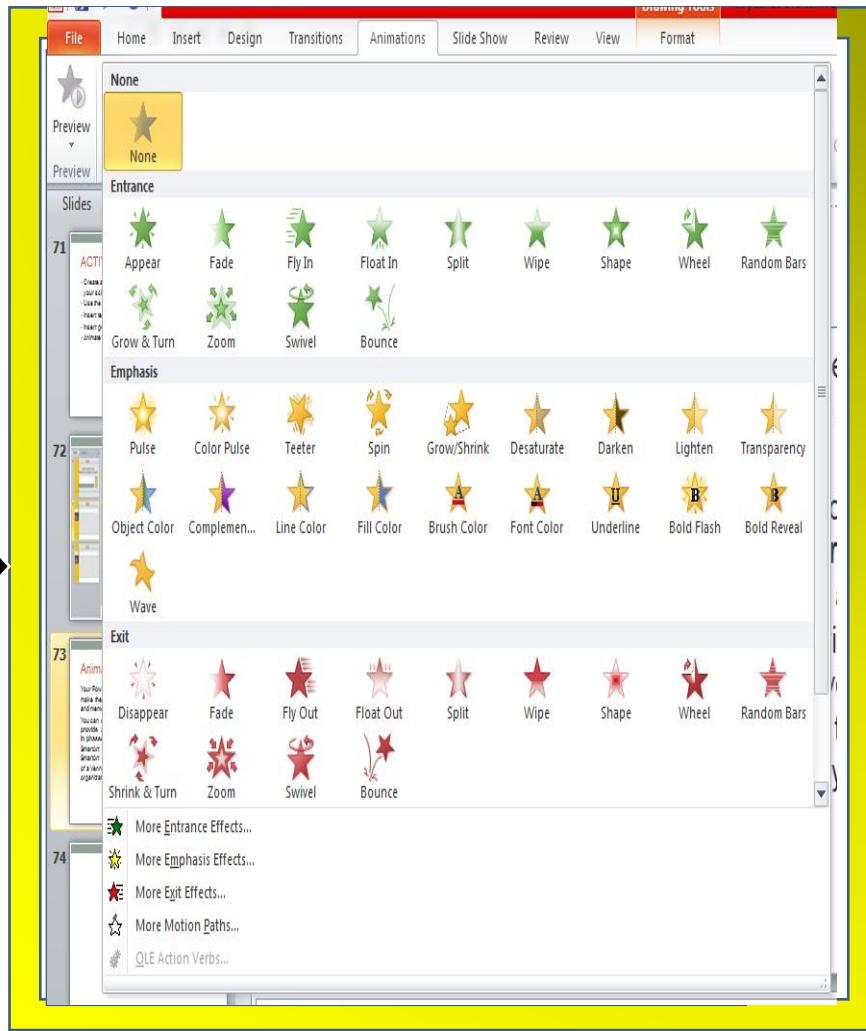
LISTEN. PRACTICE. UNDERSTAND then WRITE DOWN THE KEY POINTS.



Animate content (ACTIVITY:)

Guiding Learning Questions

PRACTICAL
Use the slide master for a global design.
Insert text.
Insert graphics/images
Animate content



Answers to Guiding Learning Question.

You can animate your entire SmartArt graphic or only an individual shape in your SmartArt graphic.



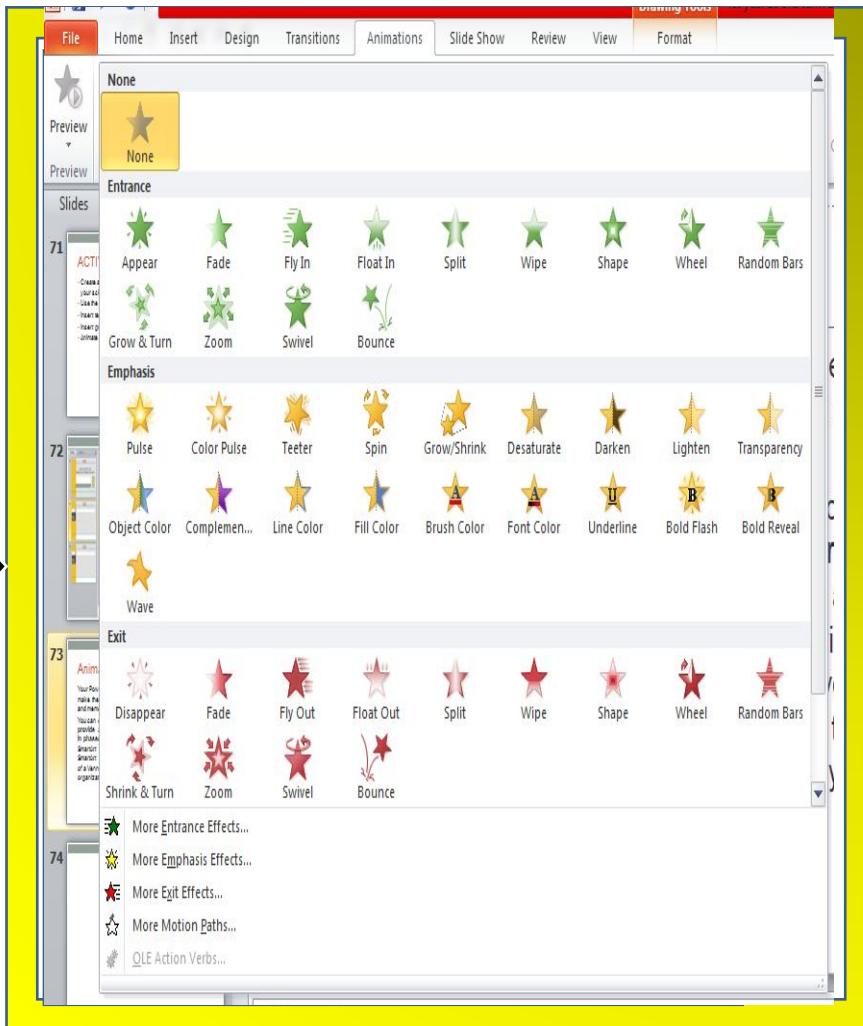
LISTEN. PRACTICE. UNDERSTAND then WRITE DOWN THE KEY POINTS.



Animate content (ACTIVITY:)

Guiding Learning Questions

PRACTICAL
Use the slide master for a global design.
Insert text.
Insert graphics/images
Animate content



Answers to Guiding Learning Question.

For example, you can make each circle of a Venn diagram fly in one at a time or create an organization chart that fades in by level.

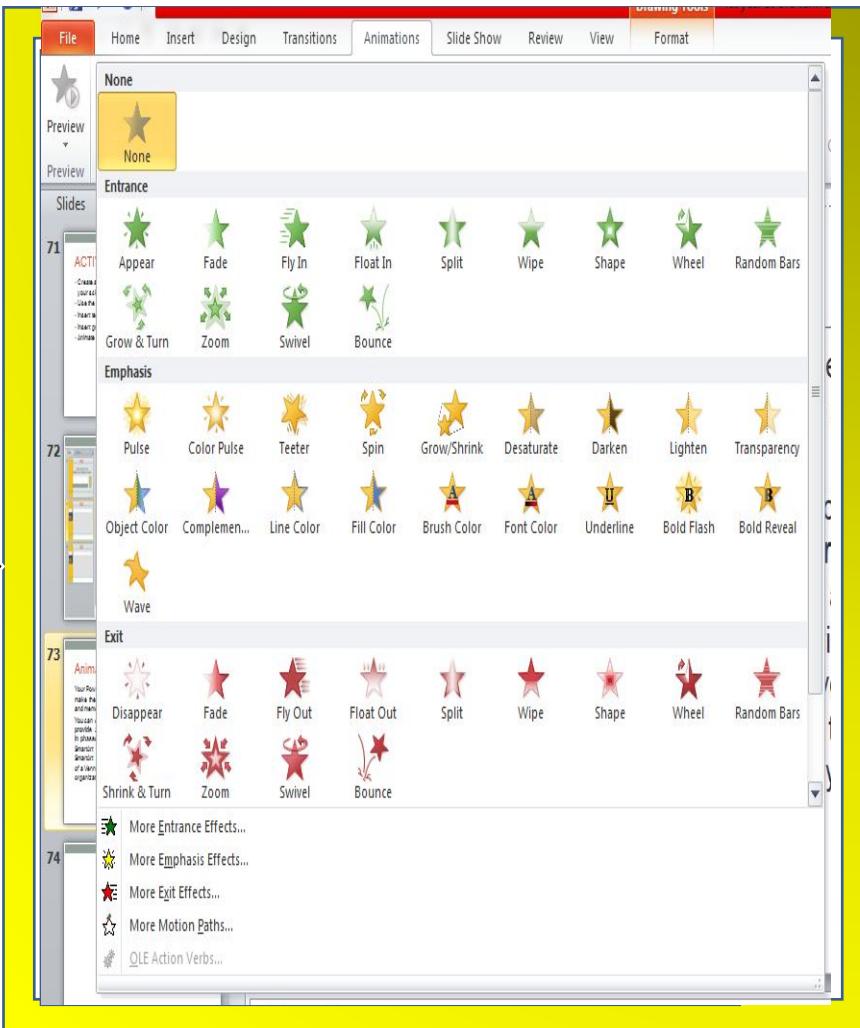
LISTEN. PRACTICE. UNDERSTAND then WRITE DOWN THE KEY POINTS.



Slide transitions (ACTIVITY:)

Guiding Learning Questions

PRACTICAL
Use the slide master for a global design.
Insert text.
Insert graphics/images
Animate content



Answers to Guiding Learning Question.

Slide transitions are motion effects that occur in Slide Show view when you move from one slide to the next during a presentation.



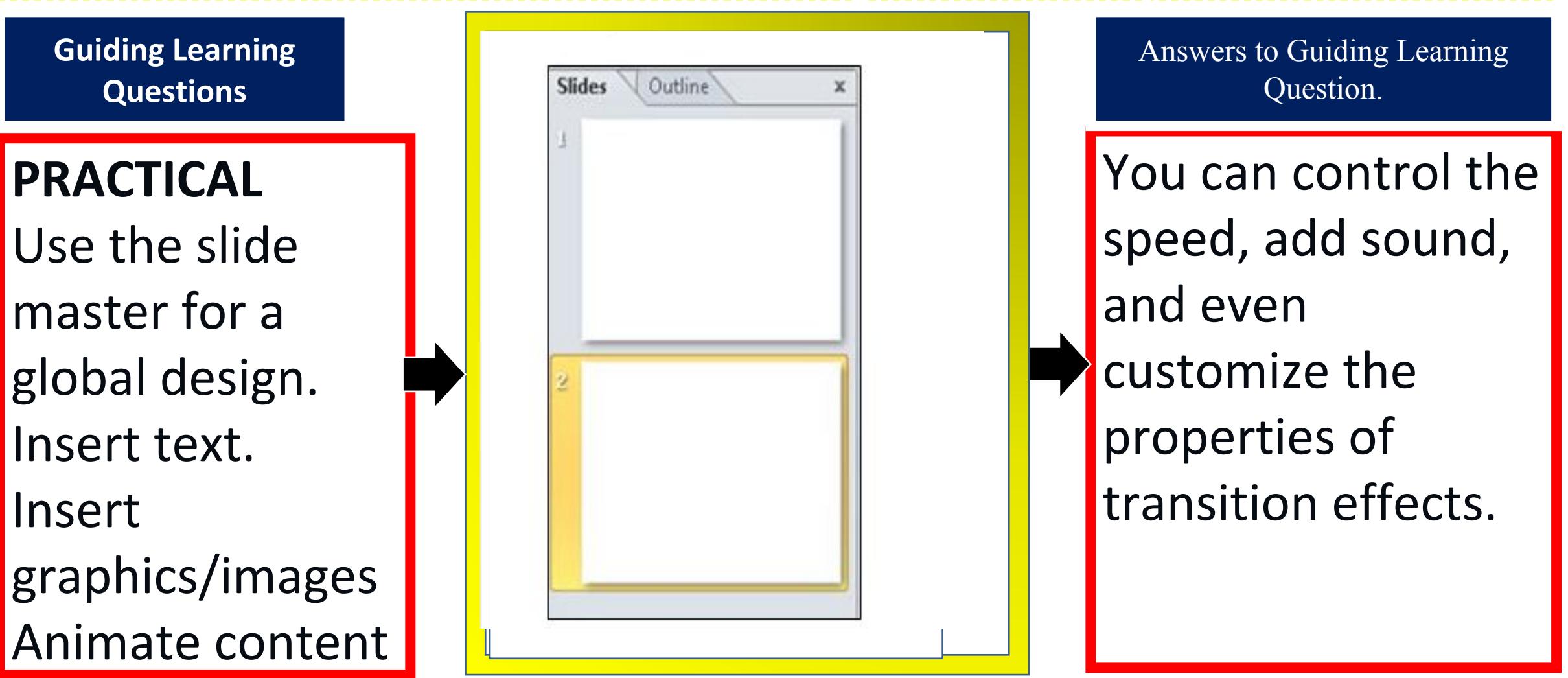
LISTEN. PRACTICE. UNDERSTAND then WRITE DOWN THE KEY POINTS.



Slide transitions (ACTIVITY:)

Guiding Learning Questions

PRACTICAL
Use the slide master for a global design.
Insert text.
Insert graphics/images
Animate content



Answers to Guiding Learning Question.

You can control the speed, add sound, and even customize the properties of transition effects.



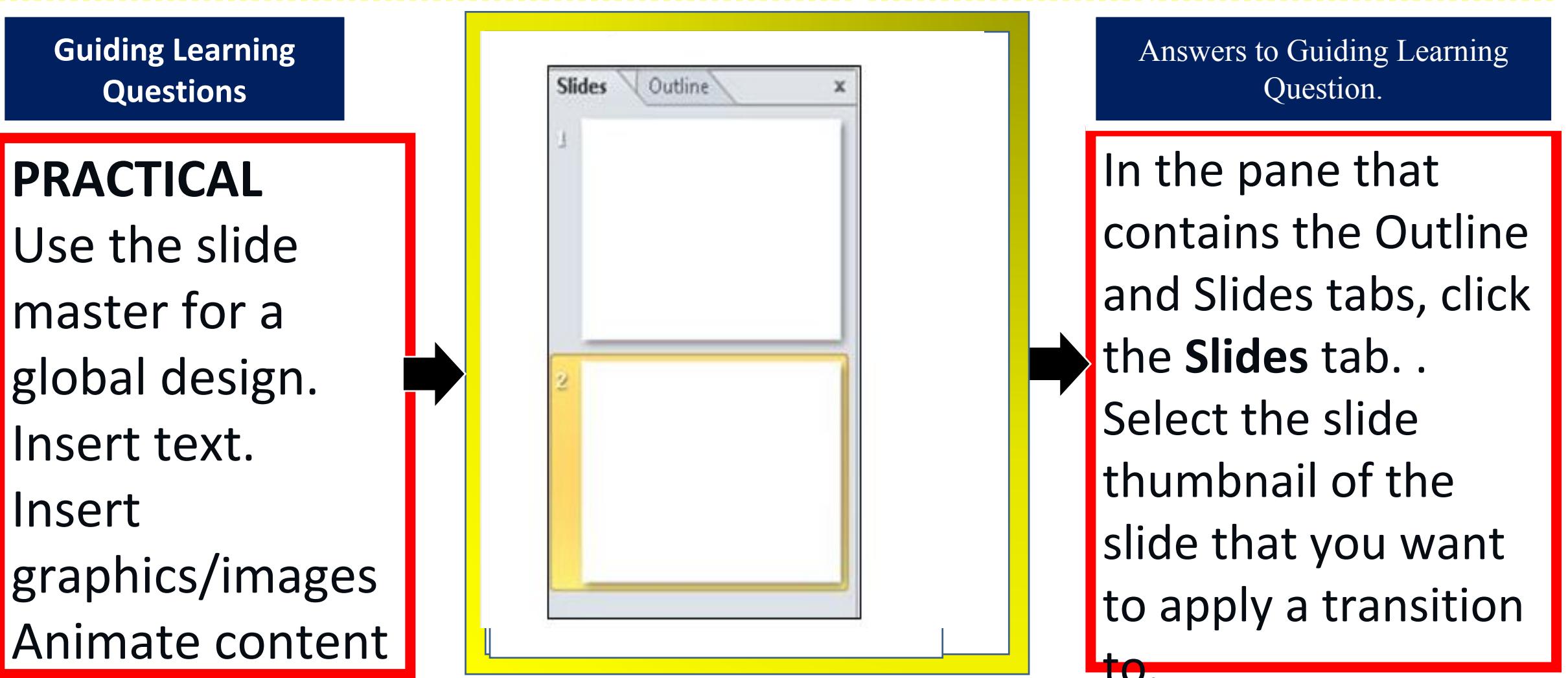
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Slide transitions (ACTIVITY:)

Guiding Learning Questions

PRACTICAL
Use the slide master for a global design.
Insert text.
Insert graphics/images
Animate content



Answers to Guiding Learning Question.

In the pane that contains the Outline and Slides tabs, click the **Slides** tab.. .
Select the slide thumbnail of the slide that you want to apply a transition to.



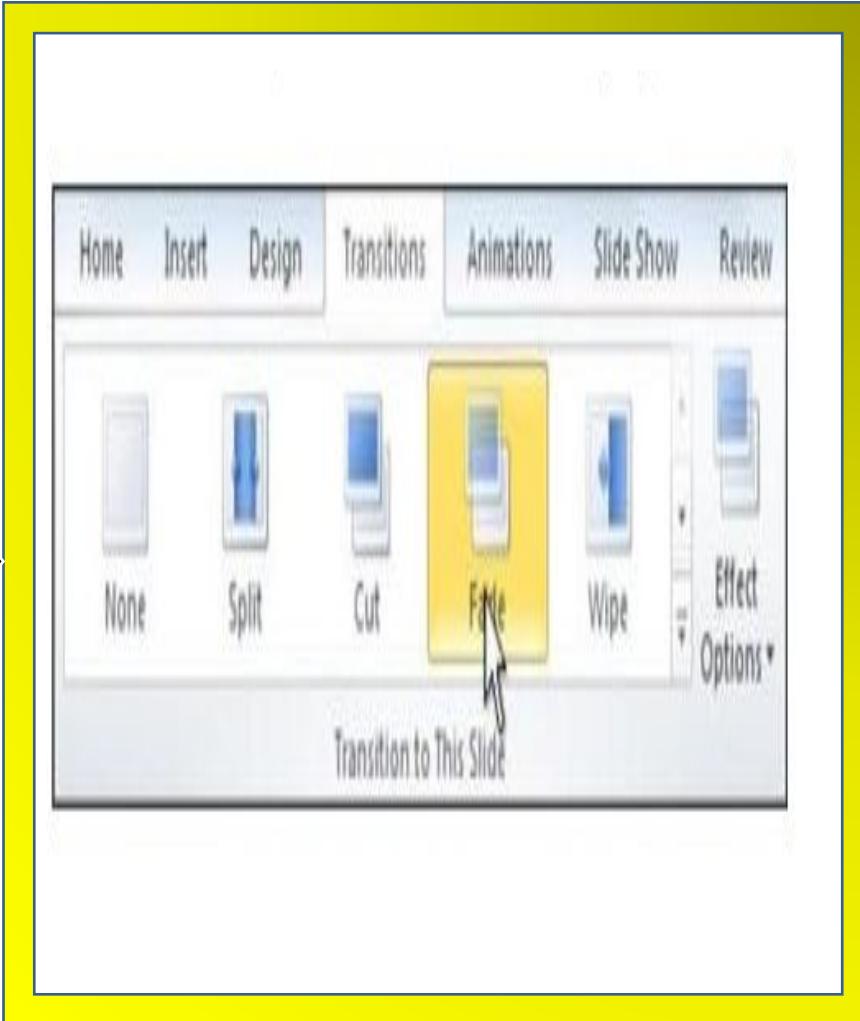
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Slide transitions (ACTIVITY:)

Guiding Learning Questions

PRACTICAL
Use the slide master for a global design.
Insert text.
Insert graphics/images
Animate content



Answers to Guiding Learning Question.

On the Transitions tab, in the Transition To This Slide group, click the slide transition effect that you want for that slide. to.



LISEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Slide transitions (ACTIVITY:)

Guiding Learning Questions

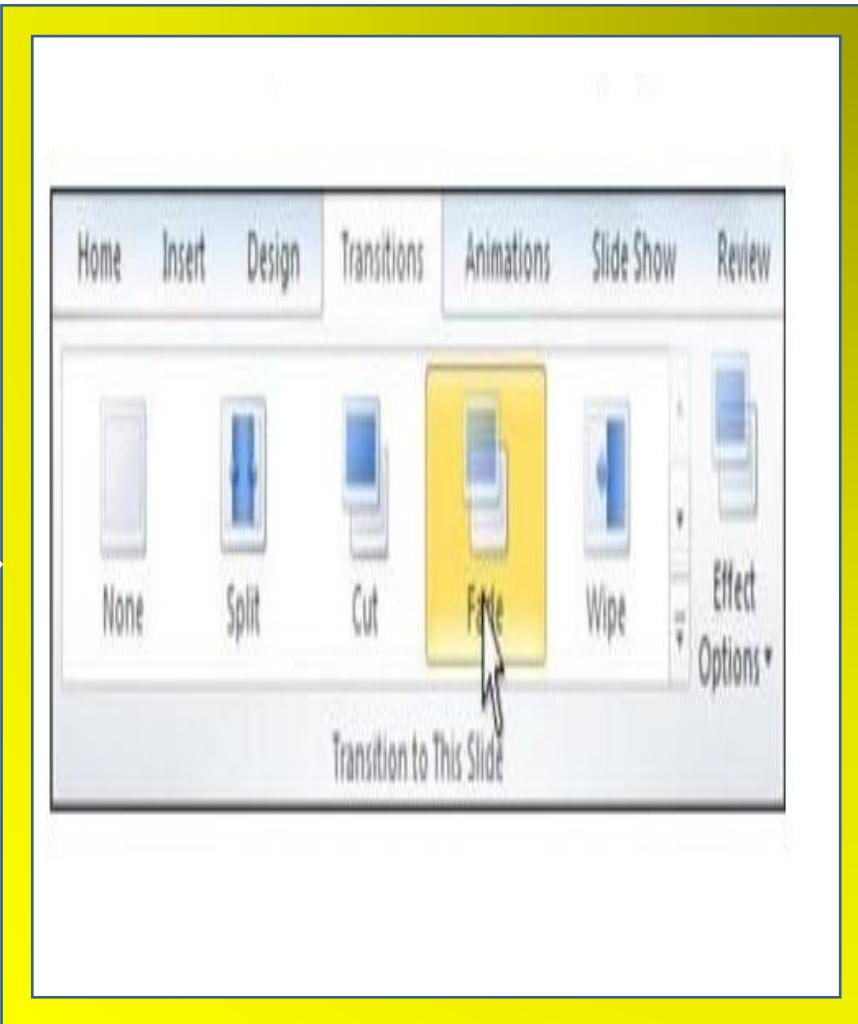
PRACTICAL

Use the slide master for a global design.

Insert text.

Insert graphics/images

Animate content



Answers to Guiding Learning Question.

Select a transition in the **Transition to This Slide** group. In the example, a **Fade** transition has been selected.



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Slide transitions (ACTIVITY:)

Guiding Learning Questions

PRACTICAL
Use the slide master for a global design.
Insert text.
Insert graphics/images
Animate content



Answers to Guiding Learning Question.

Note :To apply the same slide transition to all the slides in your presentation: follow steps 2 through 4 above, and then on the **Transitions** tab, in the **Timing** group, click **Apply To All**.



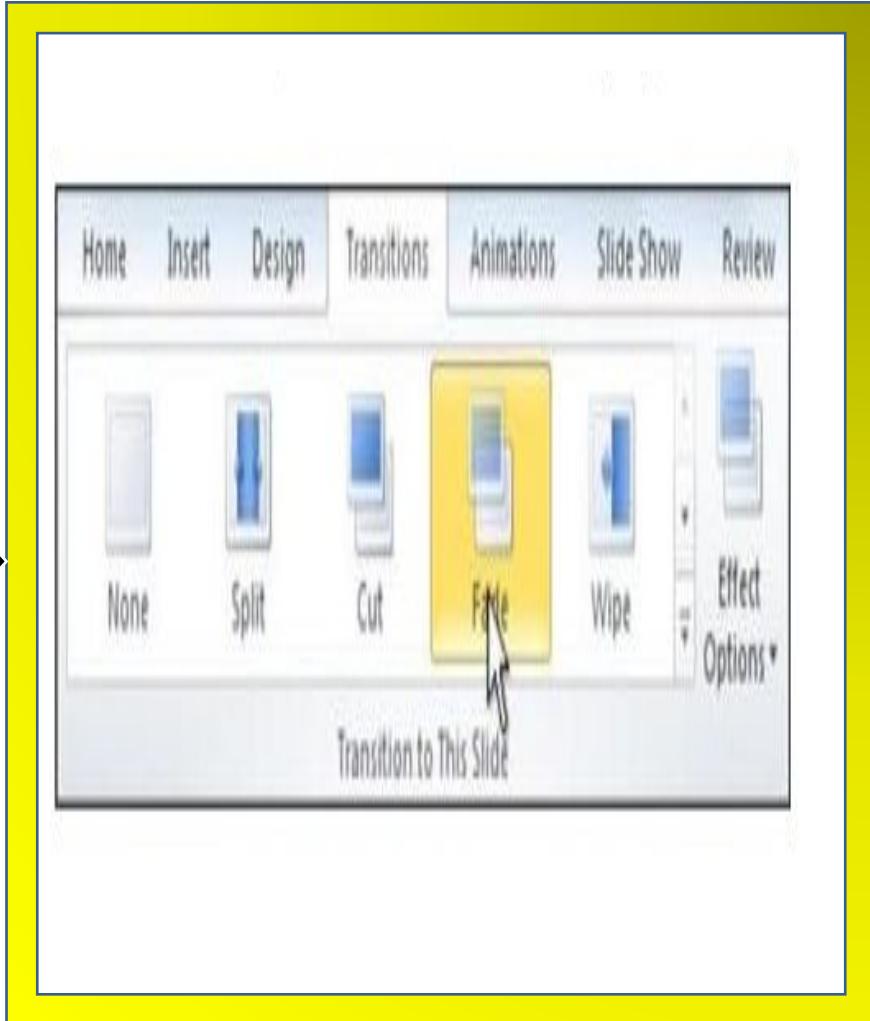
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Slide transitions (ACTIVITY:)

Guiding Learning Questions

PRACTICAL
Set the timing
for a transition



Answers to Guiding Learning Question.

1. To set the duration of the transition between the previous slide and the current slide, do the following:
2. On the **Transitions** tab, in the **Timing** group,

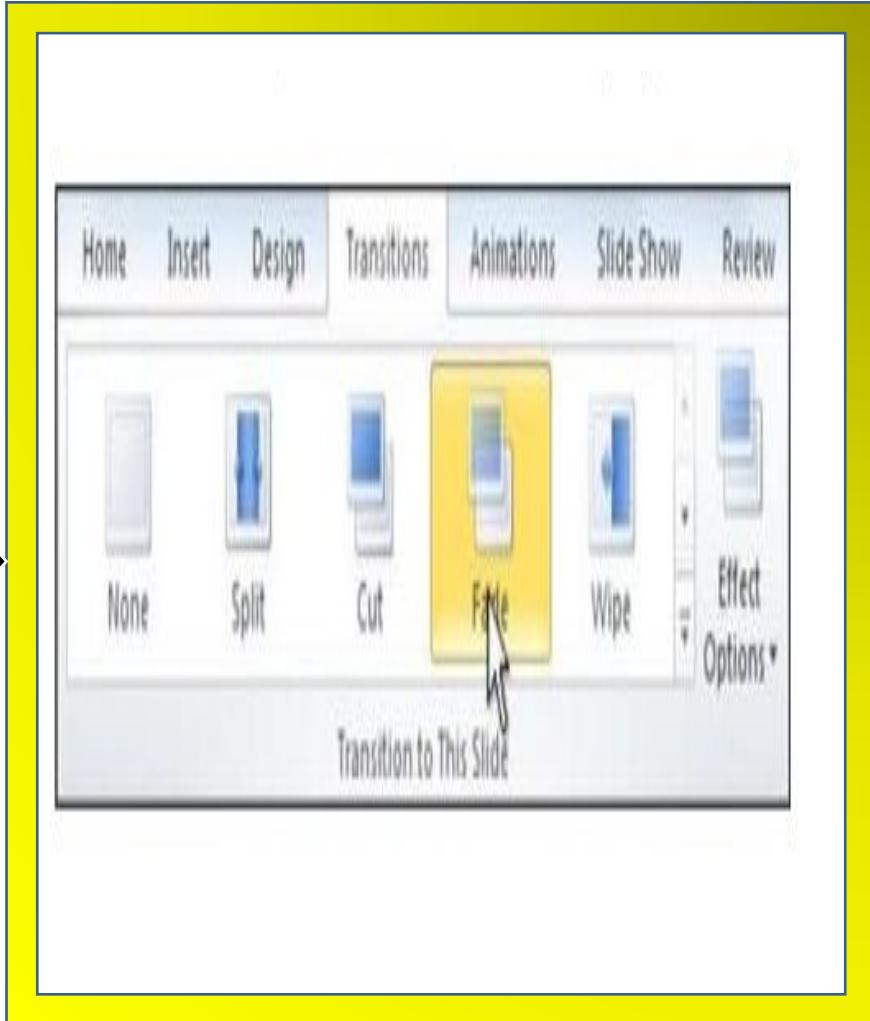
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Slide transitions (ACTIVITY:)

Guiding Learning Questions

PRACTICAL
Set the timing
for a transition



Answers to Guiding Learning Question.

3. in the Duration box, type or select the speed that you want.
4. o specify how long before the current slide advances to the next, use one of the following procedures:

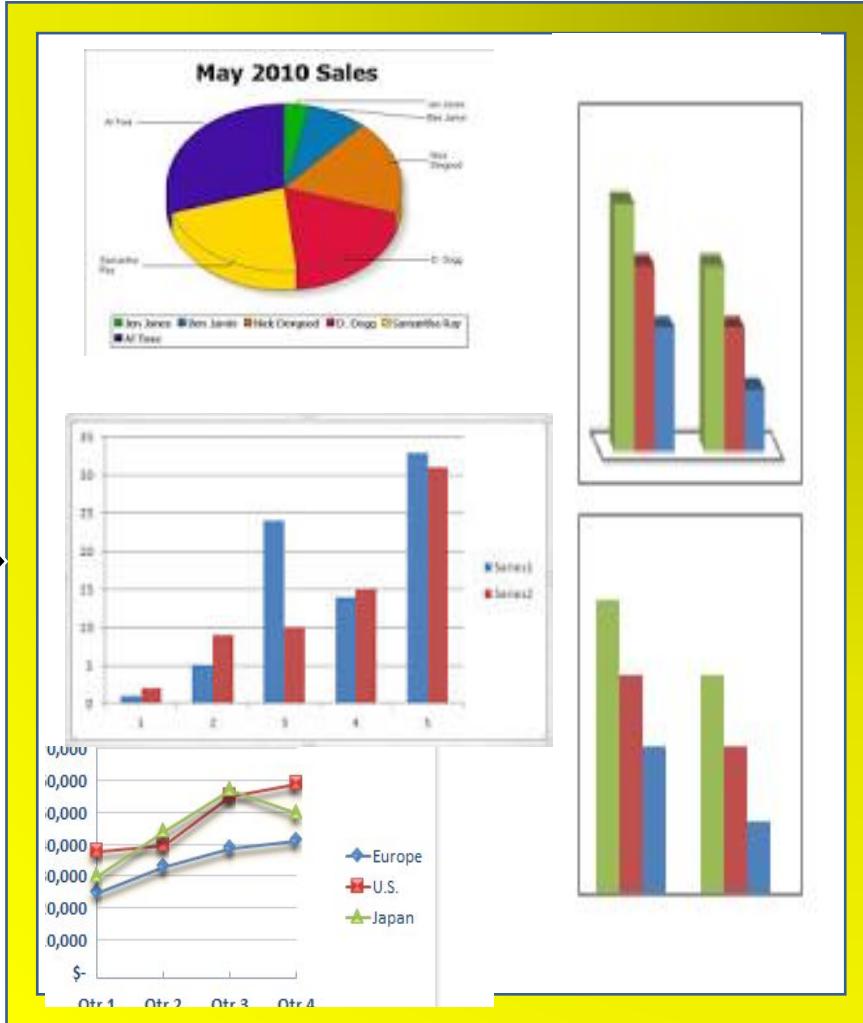
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Slide transitions (ACTIVITY:)

Guiding Learning Questions

PRACTICAL
Inserting many kinds of data charts and graphs, such as column charts, line graphs etc.



Answers to Guiding Learning Question.

**Column chart
pie chart
line graphs
Line Graph
Pie Chart
Bar chart
Etc.**



LISTEN. PRACTICE. UNDERSTAND then WRITE DOWN THE KEY POINTS.



Topic: presentation package.

Practical Guide

Practical class

- 1. Inserting slides in Powerpoint**
- 2. Add text to slides**
- 3. Add images/graphics to slides**
- 4. Add charts to slides**
- 5. Add animation**
- 6. Add transitions to slides**

**LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.**



Key Points and Picture/Diagram

A Presentation package is a software program that contains a text editor and the ability to add charts, and graphic images,

Point 1

Types of PowerPoint View

Normal view

Slide Sorter view

Notes Page view

Slide Show view (which

Point 4

Examples of presentation packages include:

1. MS PowerPoint
2. OpenOffice.org Impress
3. Windows Movie Maker

Point 2

PowerPoint Window

Title bar - displays the document name

Menu bar - click on a menu option to see a list of commands

Point 5

Features of Presentation Package include

1. Creation of slides
2. Insertion of pictures
3. Insertion of video and audio
4. Animation

Point 3

A slide master is the top slide in a hierarchy of slides that stores information about the theme and slide layouts of a presentation,

Point 6

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Class Works/Questions

1. Define presentation package

A Presentation package is a software program that contains a text editor.

2. List examples of a presentation package

1. MS PowerPoint
2. OpenOffice.org Impress

3. List the features of a presentation package

1. Creation of slides
2. Insertion of pictures

List types of PowerPoint views

- Normal view
- Slide Sorter view , Notes Page view

Q5.

A5.

**LISSEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.**



Learning Follow-up Assignment

1. Define computer ethics
2. List computer ethics
3. Highlight hardware maintenance

**LISSEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.**



Chrisla

ONLINE

Digital

Keep Safe . Keep Healthy.

LISTEN. PRACTICE. UNDERSTAND then WRITE DOWN THE KEY POINTS.





Topic ?

What is Hacking and what does it
synonymous with?

ICT

Subject

YEAR 10

Class

Week 7 Term 3, 2021

Week, Term & Year

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.





Picture here

Topic: Communicating with other ICT Users Using Email

**ICT
SUBJECT**

Year 10

CLASS

Week 7 Term 3, 2021

Week 1, 3rd Term & Year 2021

**LISSEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.**



Learning Objectives

By the end of the lesson; the students should be able to;

1. Send and receive documents and other files electronically
2. Manage contact lists effectively
3. Locate specified information from a given website URL
4. Find specified information using a search engine



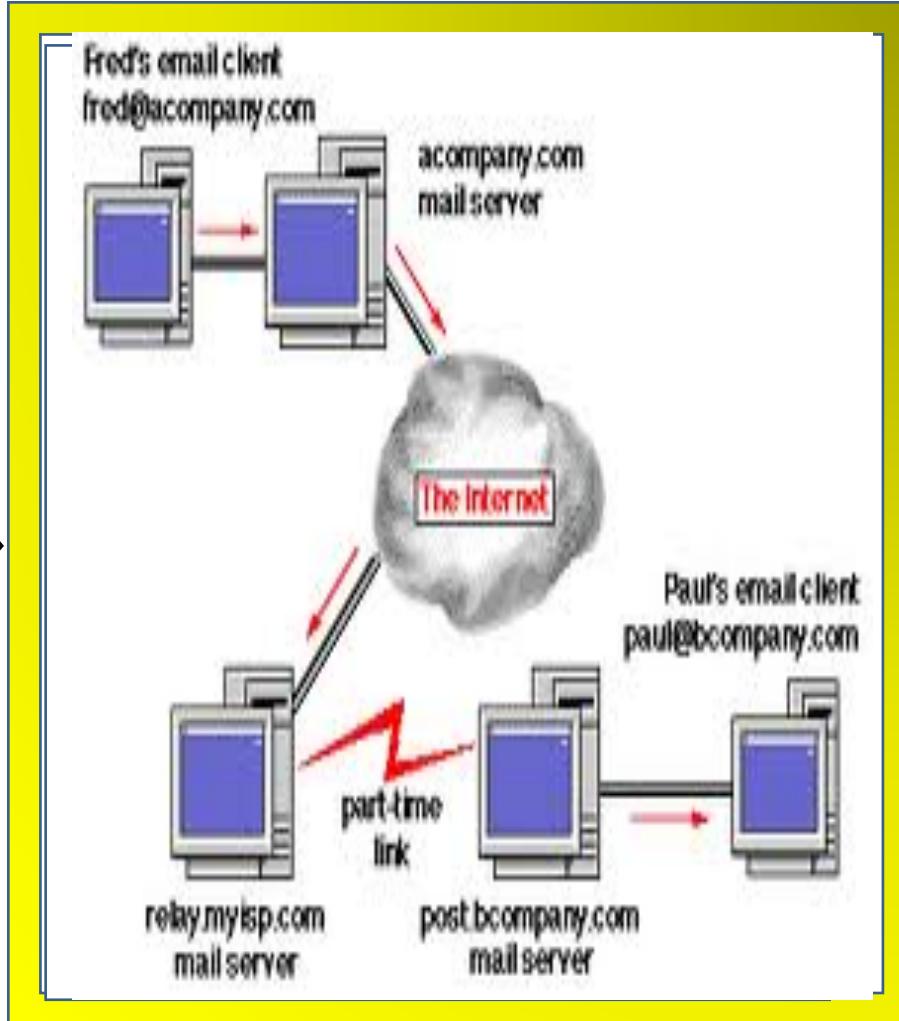
**LISSEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.**



Topic: Communicating with other ICT Users Using Email

Guiding Learning Questions

Define the term
'Internet'



Answers to Guiding Learning Question.

The Internet is a Wide Area Network, made from a number of individual computers and networks linked together to form one large network.



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.

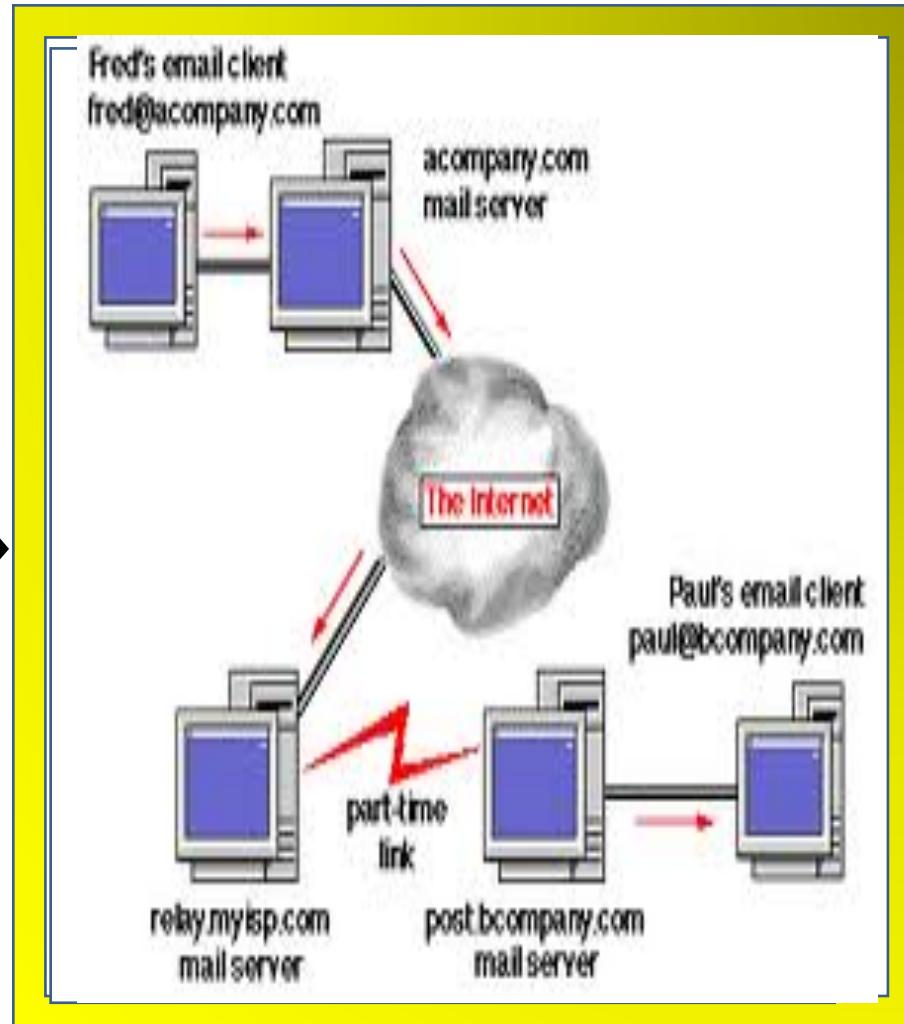


Topic: Communicating with other ICT Users Using

Page 1

Guiding Learning Questions

Define the term
'Internet'



Answers to Guiding Learning Question.

It is worldwide and can be accessed by anyone with an internet connection.



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.

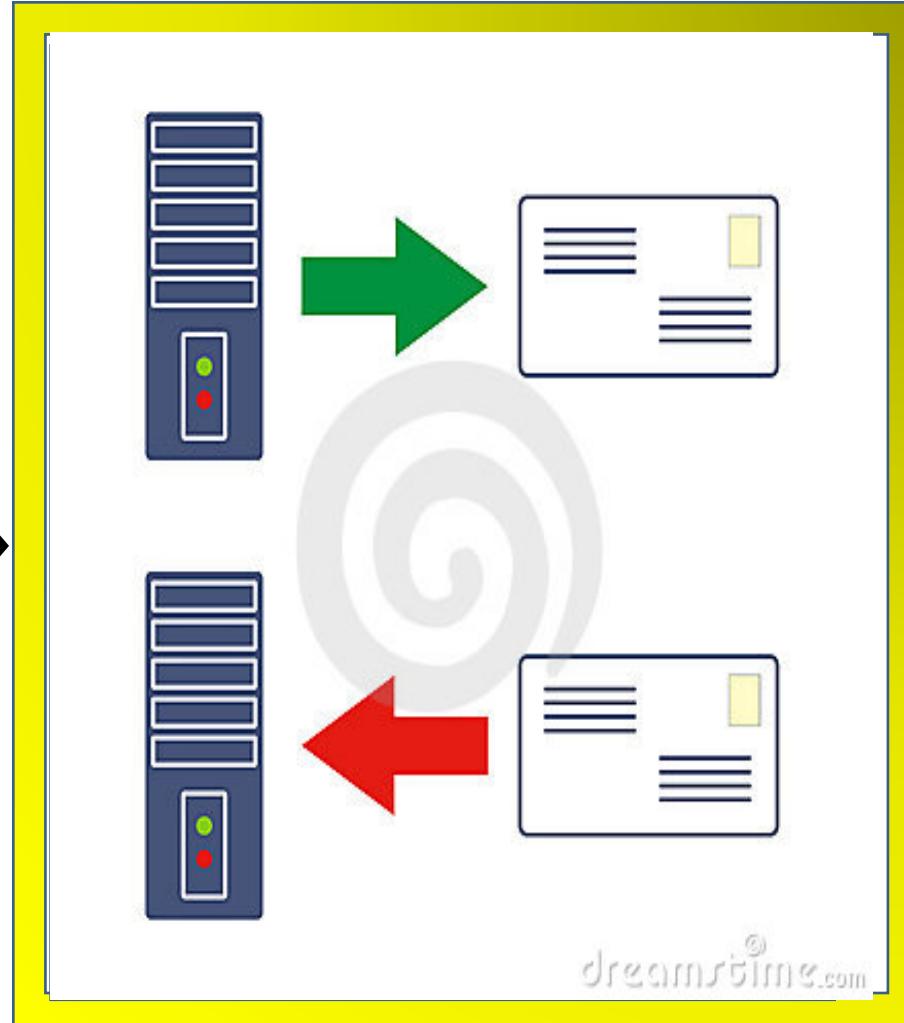


Topic: Communicating with other ICT Users Using

Page 1

Guiding Learning Questions

What is An email?



Answers to Guiding Learning Question.

An email is an electronic message sent from one communication device (computer, telephone, mobile phone, or PDA) to another..



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.

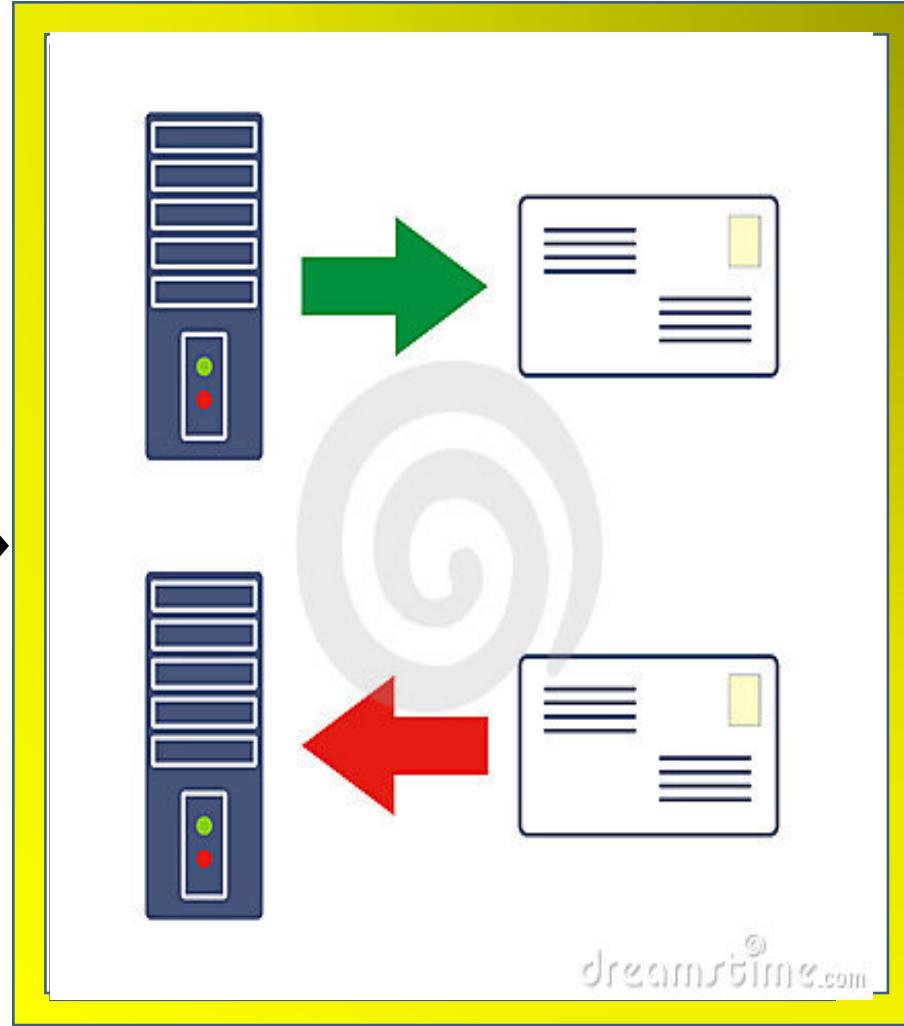


Topic: Communicating with other ICT Users Using

Page 1

Guiding Learning Questions

What is An email?



Answers to Guiding Learning Question.

All web browser software have email facilities. There are many email facilities. E-mail allows you to send a message to anyone with access to the web.



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.

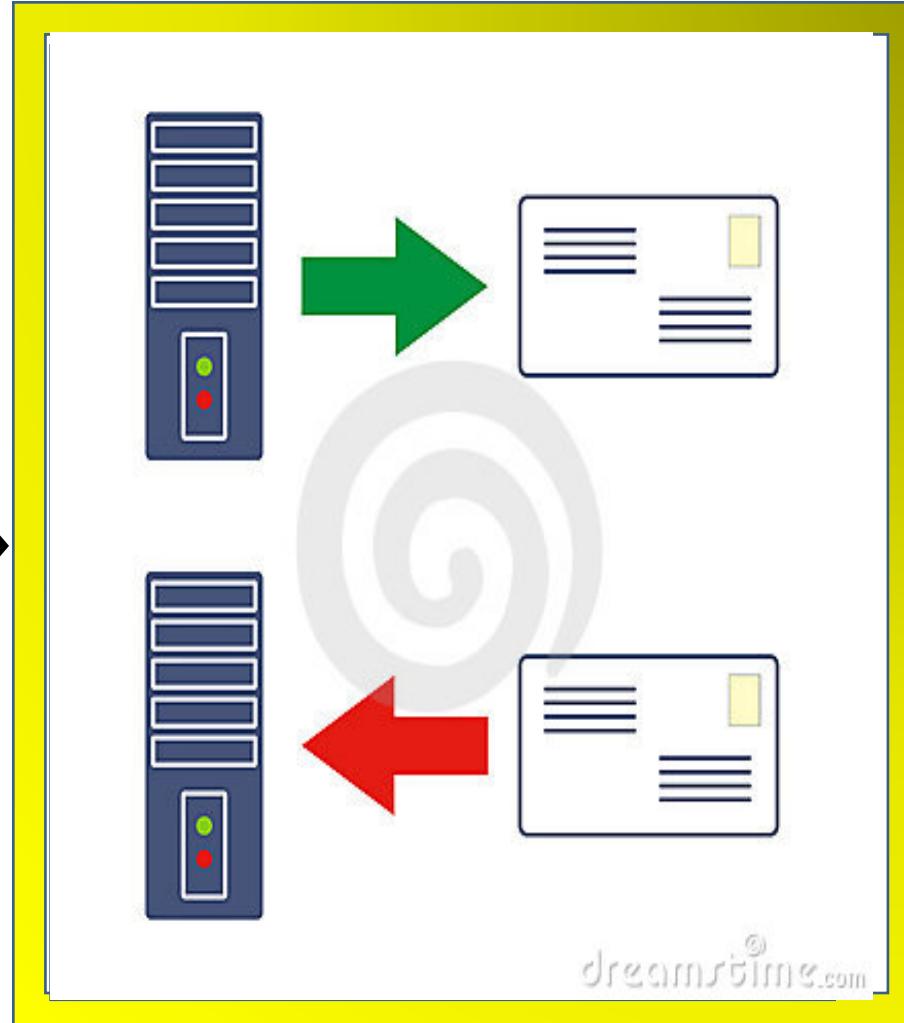


Topic: Communicating with other ICT Users Using

Page 1

Guiding Learning Questions

What is An email?



Answers to Guiding Learning Question.

In addition, you can attach other files to that message. Thus e-mail allows you to send photographs, music, videos, databases, and spreadsheets around the world to anyone.

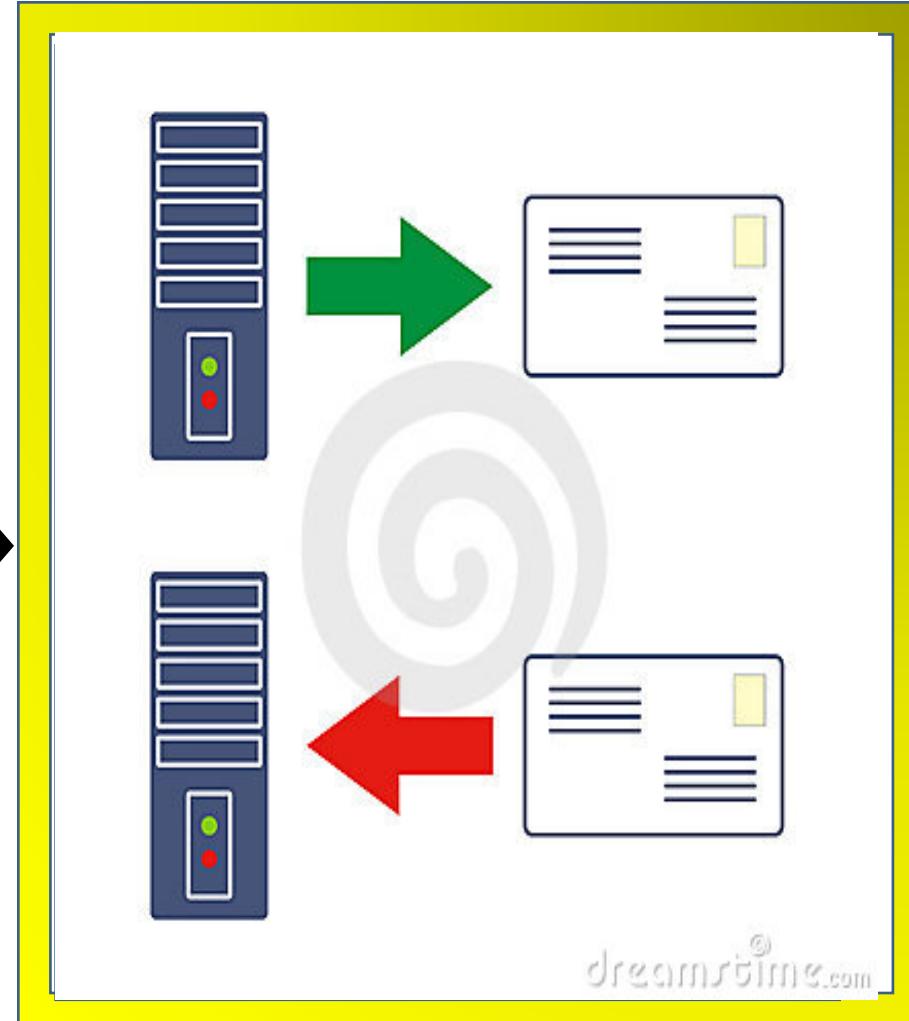
**LISSEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.**



Topic: Email Terminology

Guiding Learning Questions

What is An email?



Answers to Guiding Learning Question.

In addition, you can attach other files to that message. Thus e-mail allows you to send photographs, music, videos, databases, and spreadsheets around the world to anyone.



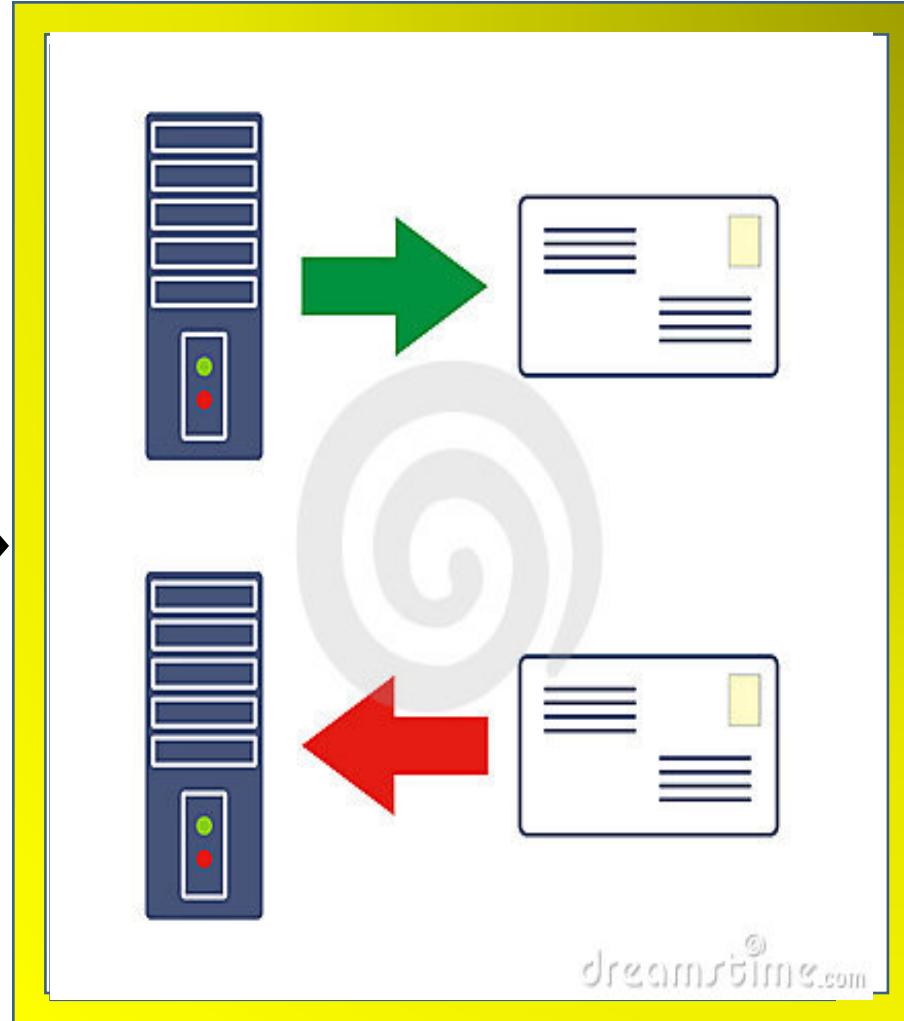
**LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.**



Topic: Email Terminology

Guiding Learning Questions

**Highlight
any 5 Email
terminology**



Answers to Guiding Learning Question.

Search: Search allows you to find an email using keywords in the title or you can search for all the emails from or to a certain email address.



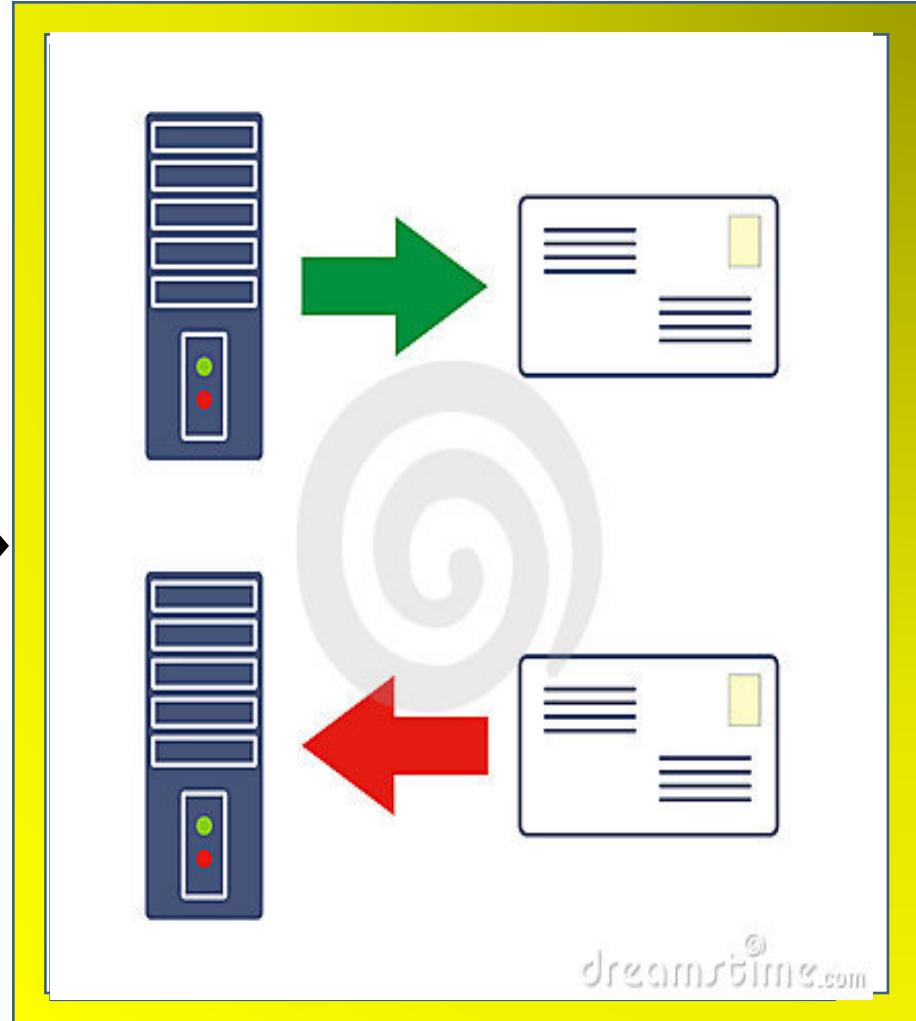
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Email Terminology

Guiding Learning Questions

**Highlight
any 5 Email
terminology**



Answers to Guiding Learning Question.

Reply: This allows you to read an email and then write the reply without having to enter the recipient's email address.



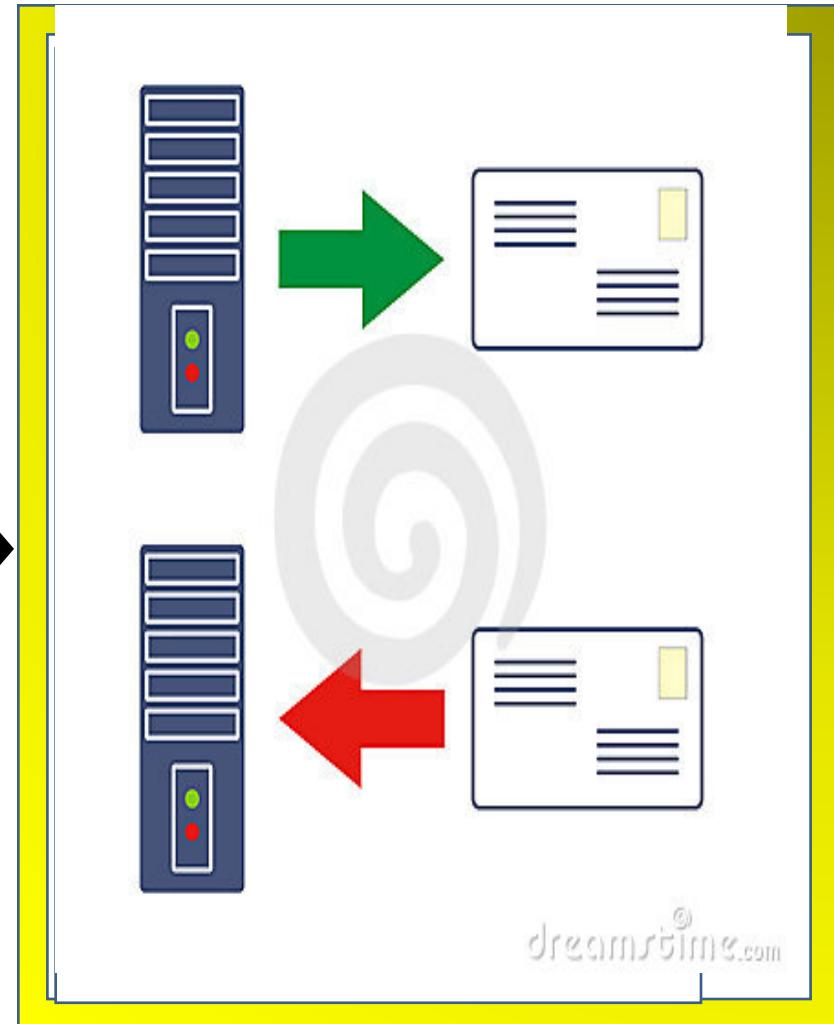
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Email Terminology

Guiding Learning Questions

Highlight any 5 Email terminology



Answers to Guiding Learning Question.

Forward: If you are sent an email that you think others should see, you can forward it to them. An email, for example sent to you by your boss, could be forwarded to everyone who works with you in a team.



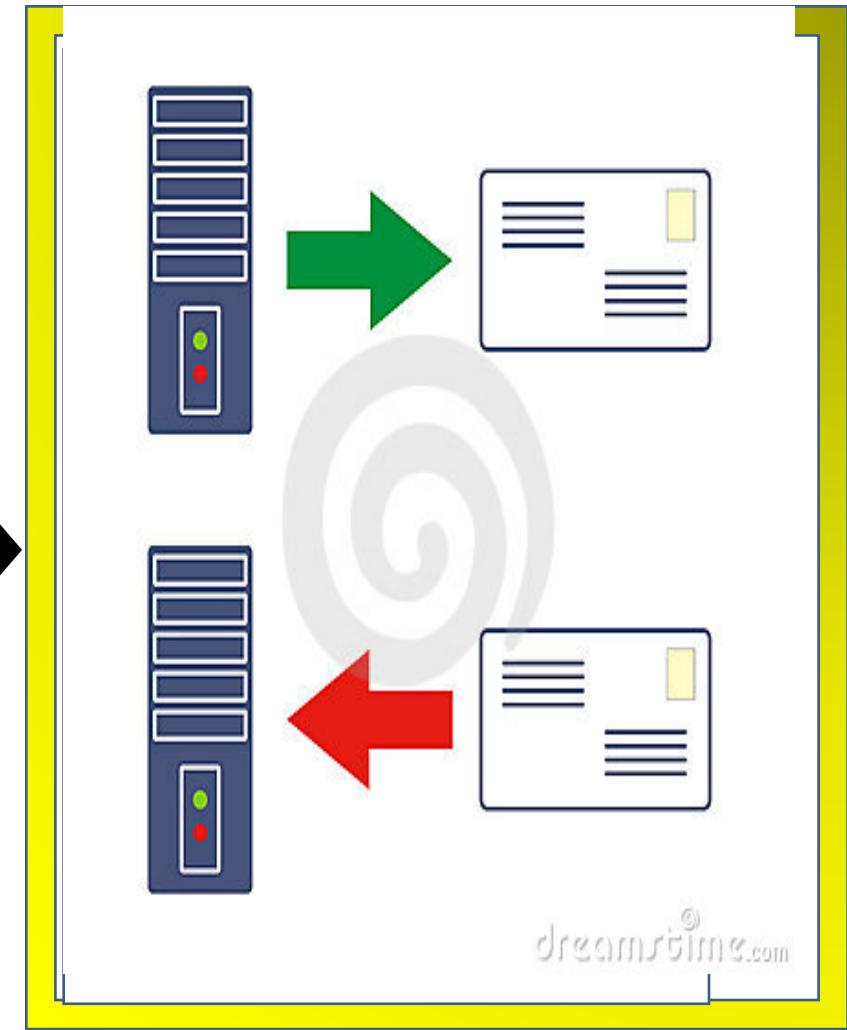
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Email Terminology

Guiding Learning Questions

**Highlight
any 5 Email
terminology**



Answers to Guiding Learning Question.

Address book: In the address book are the names and email addresses of all the people to whom you are likely to send email.



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Internet Search Engine

Guiding Learning Questions

Define the term
Internet search engine



Answers to Guiding Learning Question.

A search engine is a program/platform used for finding information on the internet if you don't know the URL of any website or if you want information and do not know where to look.



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Internet Search Engine

Guiding Learning Questions

**Highlight
Internet
search
engine**



Answers to Guiding Learning Question.

1. Ask
2. Google
3. Yahoo
4. TripleMe Shopzilla
5. WebCrawler
6. Dogpile
7. Bing
8. Altavista



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Internet Search Engine

Guiding Learning Questions

**Highlight
Internet
search
engine**



Answers to Guiding Learning Question.

9. AOL
10. Yandex



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Internet Search Engine

Guiding Learning Questions

List examples of Internet browser



Answers to Guiding Learning Question.

1. Internet explorer
2. Google chrome
3. Mozilla firefox
4. Apple safari
5. UC browser
6. Netscape navigator etc.



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Assignment

Outline the steps required to attach a file to an e-mail and send to many recipients.

**LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.**





Mail

COMPOSE

Inbox (356)

Starred

Important

Chats

Sent Mail

Drafts (70)

Follow up

Misc

Priority

training

More ▾

Primary

Social

Promotions

50+ new

ATCON News, Twoo, Adenariwo mail...

ken.wabo@chrislandschools.sch.ng

out of 1,186

<

>

Settings

'LinkedIn' via Chrisland.

Chrisland, still haven't tried LinkedIn for BlackBerry? - Everything you need to be great at what you do. LinkedIn In the Know

Jun 11

Isaac, me, Chinonye (3)

ID Card - On 6/11/14, Wabo Kenpomgne <ken.wabo@chrislandschools.sch.ng> wrote: > Good day AO >

Jun 11

SchoolWrite-NG .

SchoolWrite Term 3 DEMO - Hello Mr Wabo, Thanks for your emails regarding the DEMO. The Year 8 Yeargroup DEMO Test e...

Jun 11

me, SchoolWrite. (3)

Folders for CAT2 - Hello Sir, Yes we did. The folders will be ready Today as you have said. See you later. Regards Fatai

Jun 10

'Francis Olaleye via Lin.

Chrisland, please add me to your LinkedIn network - LinkedIn Hi Chrisland, I'd like to connect with you on LinkedIn. Francis

Jun 10

Godson Asein

MODERATION SHEET FORMAT - -- Thanks. Godson U. ASEIN 08026640211

Jun 10

juliet omosehin

IGCSE SEMINAR TODAY - Dear All, please be informed that the Principal wants to meet with all IGCSE teachers today (June 1

Jun 10

CyberschuuilNews.com

(612) - Fibre is Food of The World / NCC takes broadband a notch higher / Wiretapping i... - Edition 612, June 9, 2014 Please se

Jun 9

Adenariwo mail

Medical Check - This is to inform you that Dr Onigbinde will be here tomorrow to administer medical check on us

Jun 9

richard.otojahi

ATTENTION : ONIDIMU HOUSE - CHRISLAND COLLEGE, IDIMU, LAGOS THIRD TERM 2013/ 2014 ACADEMIC SESSION OF

Jun 6

David Osimiri

Server/Internet Connection Problem Idimu - Good day, I write to bring to your notice the present challenge(s) with our internet he

Jun 5

CyberschuuilNews.com

(611) - Lagos Technology Firm floats engineering training Centre for Smart Devices / Cy... - Edition 611, June 3, 2014 Pl

Jun 3

Topic: Use of Internet as a Source of Information

ICT

SUBJECT

Year 10

CLASS

Week 8 Term 3, 2021

Week 1, 3rd Term & Year 2021

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.

Picture here



Learning Objectives

By the end of the lesson; the students should be able to;

1. State the steps in sending email
2. Highlight how to attach a file to an e-mail message



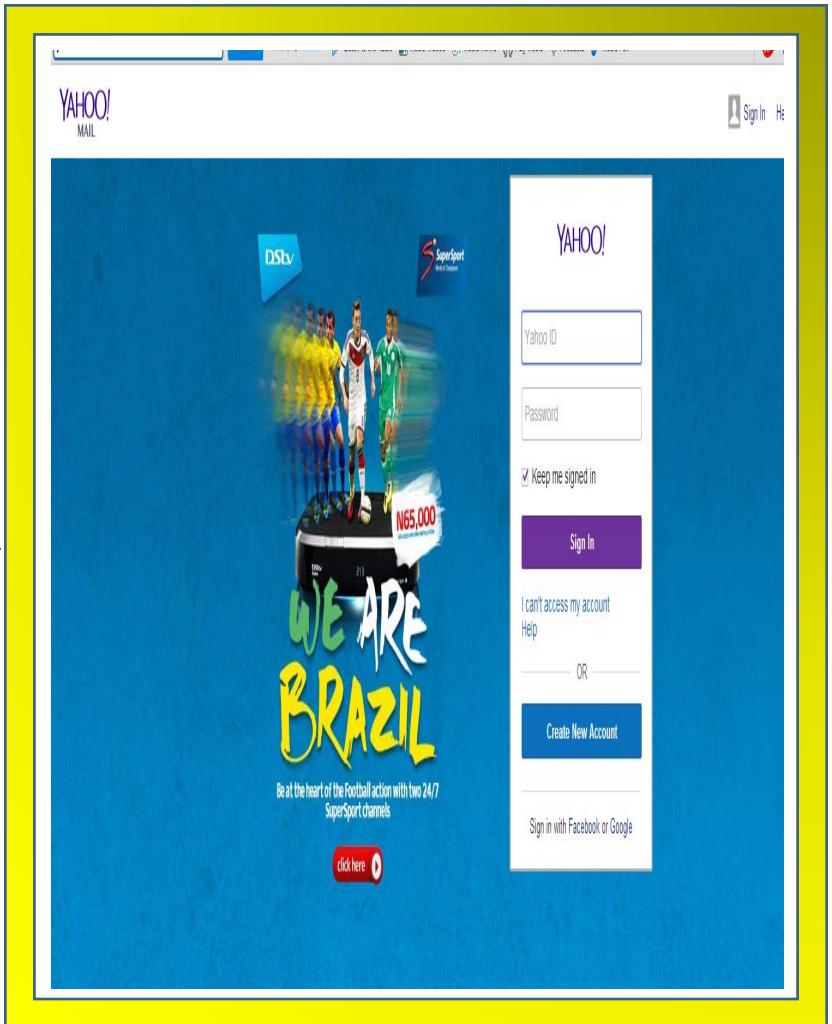
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Sending and receiving documents and other files electronically

Guiding Learning Questions

Highlight steps in Sending email



Answers to Guiding Learning Question.

Before you can receive an e-mail message you should first log onto your account. Your messages all sit on the server, waiting for you to come and retrieve them.

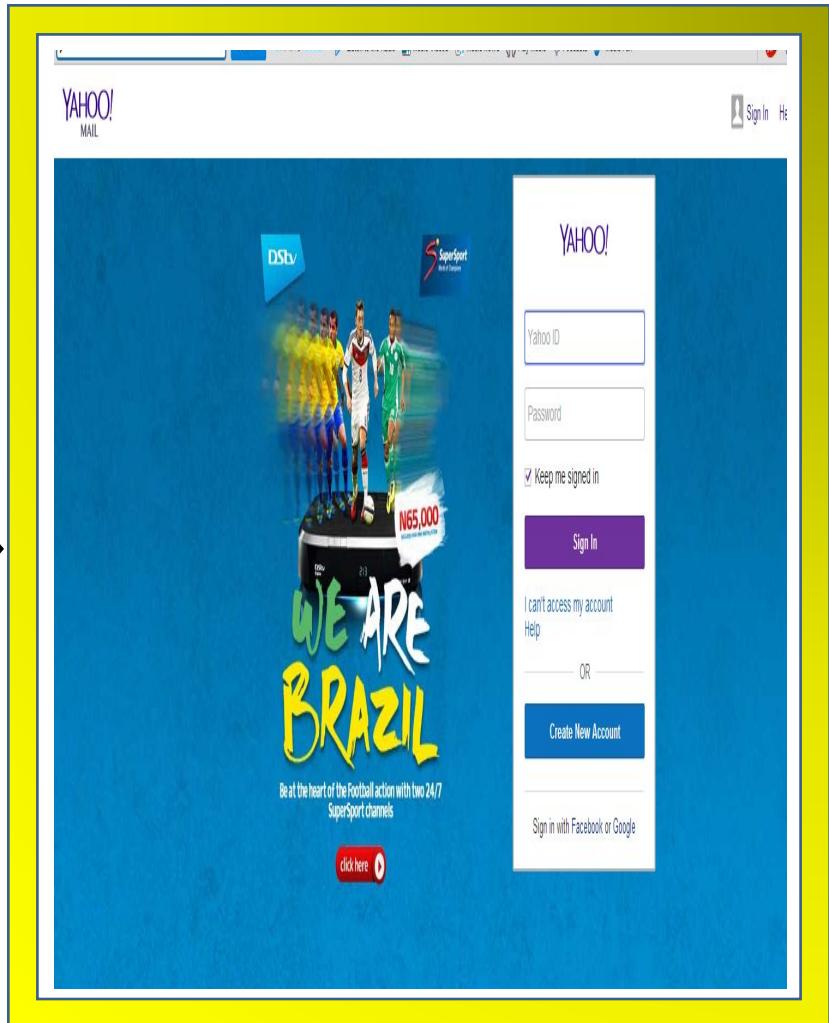
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Sending and receiving documents and other files electronically

Guiding Learning Questions

Highlight steps in Sending email



Answers to Guiding Learning Question.

You can choose whether to open each message, to delete it, or to store it. Within limits each server will typically allow you to keep several hundred e-mails, either read or unread, stored

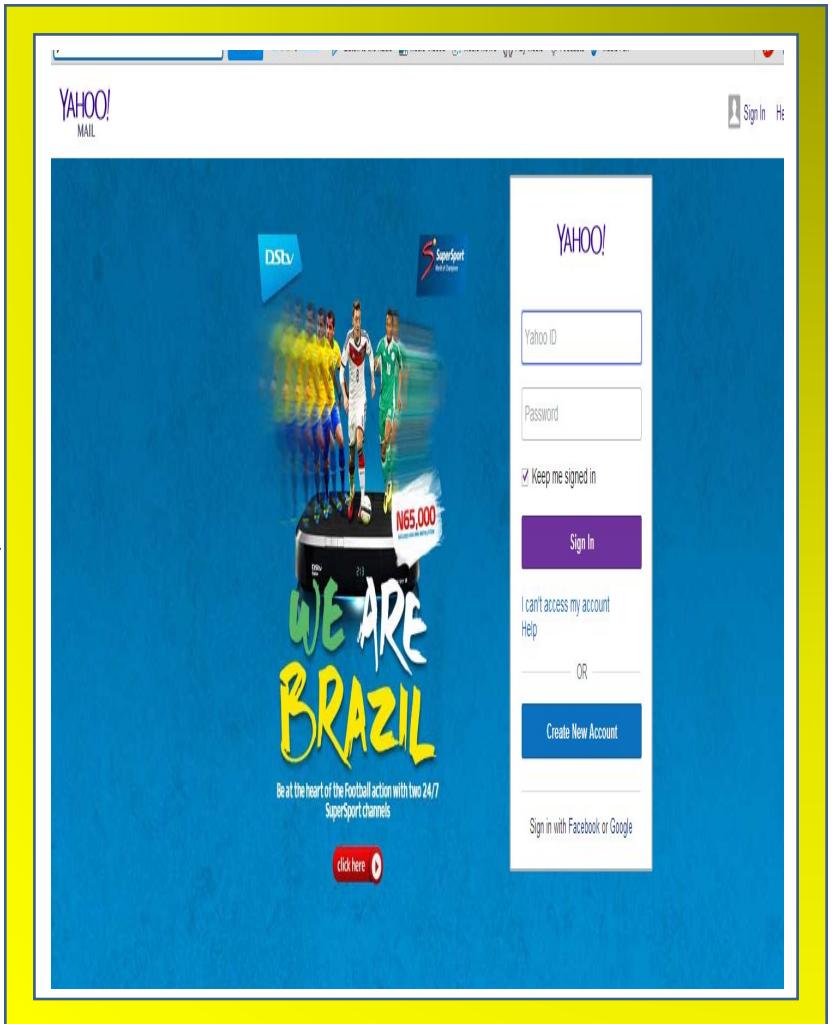
LISTEN. PRACTICE. UNDERSTAND then WRITE DOWN THE KEY POINTS.



Sending and receiving documents and other files electronically

Guiding Learning Questions

**Highlight steps in
Sending email/receiving email**



Answers to Guiding Learning Question.

Log onto your account

You will then be logged on to the server. Every e-mail program will give you a way to create a new message. In the example at right, you would click



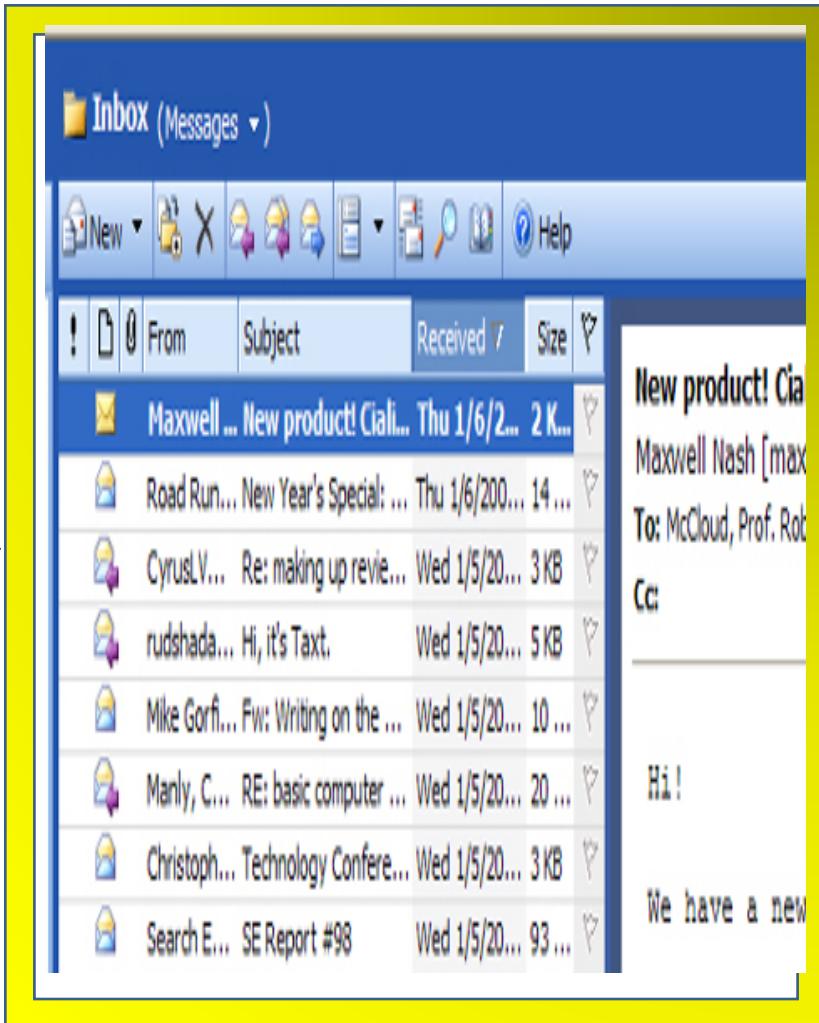
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Sending and receiving documents and other files electronically

Guiding Learning Questions

**Highlight steps in
Sending email/receiving email**



Answers to Guiding Learning Question.

If you have exceeded your storage limit, you will receive a message from the server administrator. At that time you will have to delete at least enough e-mails to get back within the storage limit.



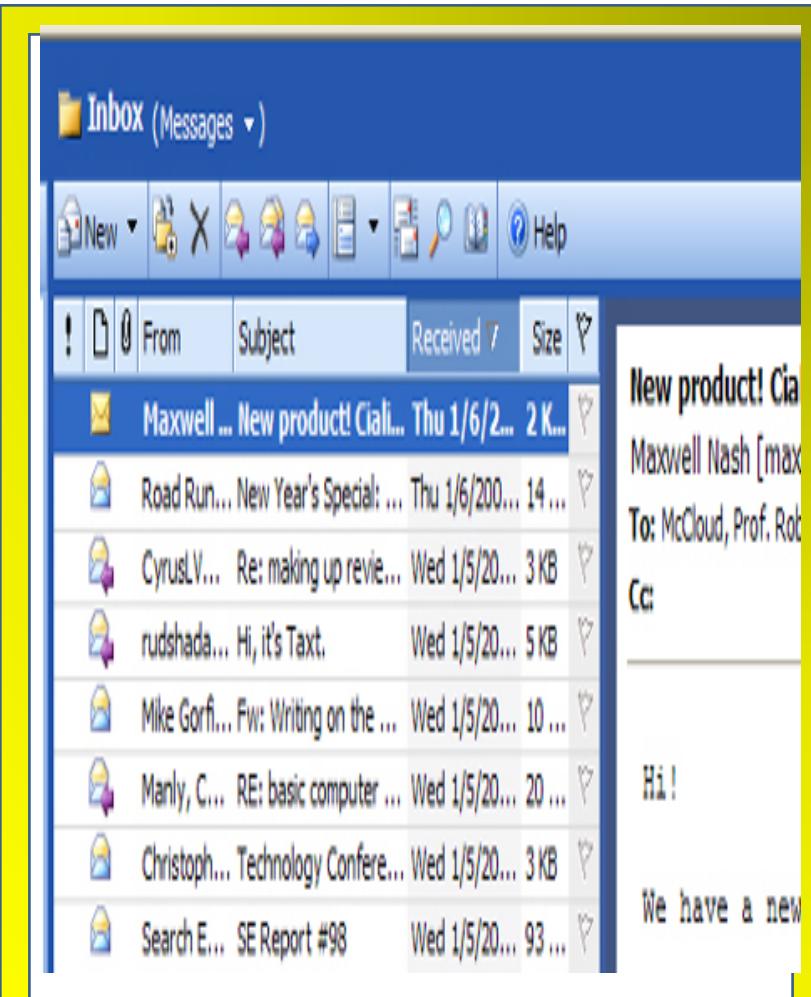
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Sending and receiving documents and other files electronically

Guiding Learning Questions

**Highlight
steps in
Sending
email/receiving email**



Answers to Guiding Learning Question.

Your new message appears.
You must fill in the **To** line.
Provide the recipient's address (no blank spaces allowed). An e-mail address consists of the username



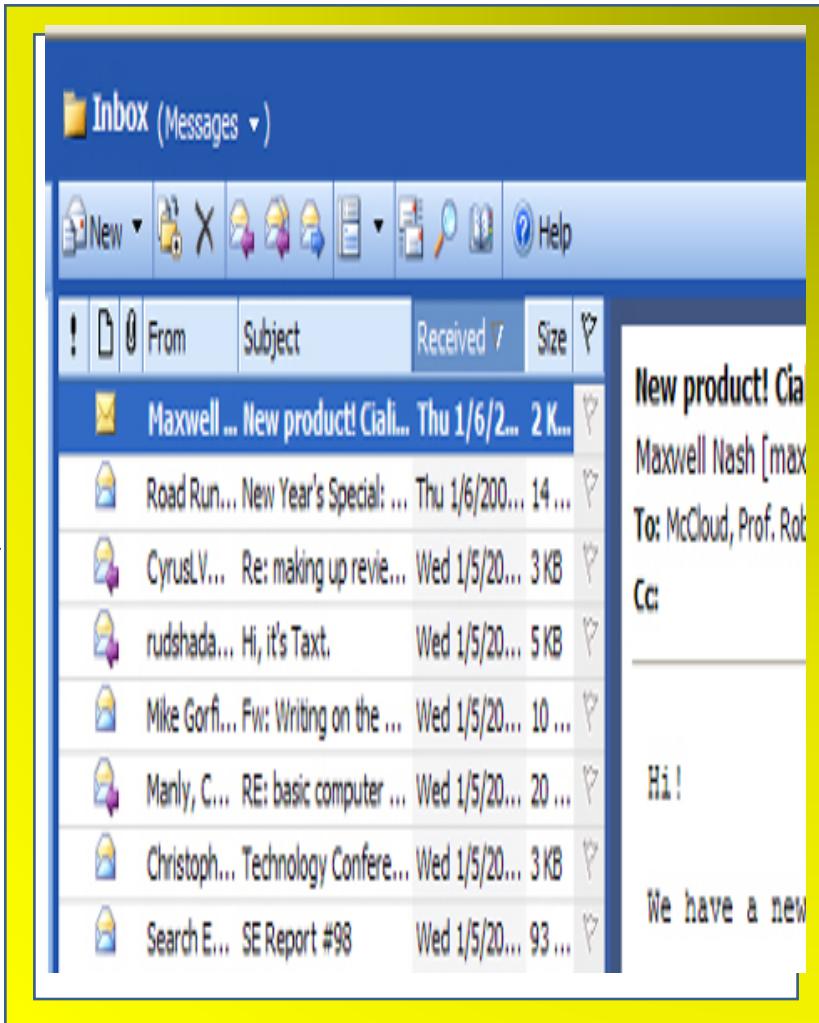
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Sending and receiving documents and other files electronically

Guiding Learning Questions

**Highlight
steps in
Sending
email/receiving email**



Answers to Guiding Learning Question.

(example: *jonesg*) followed by the @ sign, followed by the domain name (example: *yahoo.com*). All three elements must be present for the e-mail to be sent.



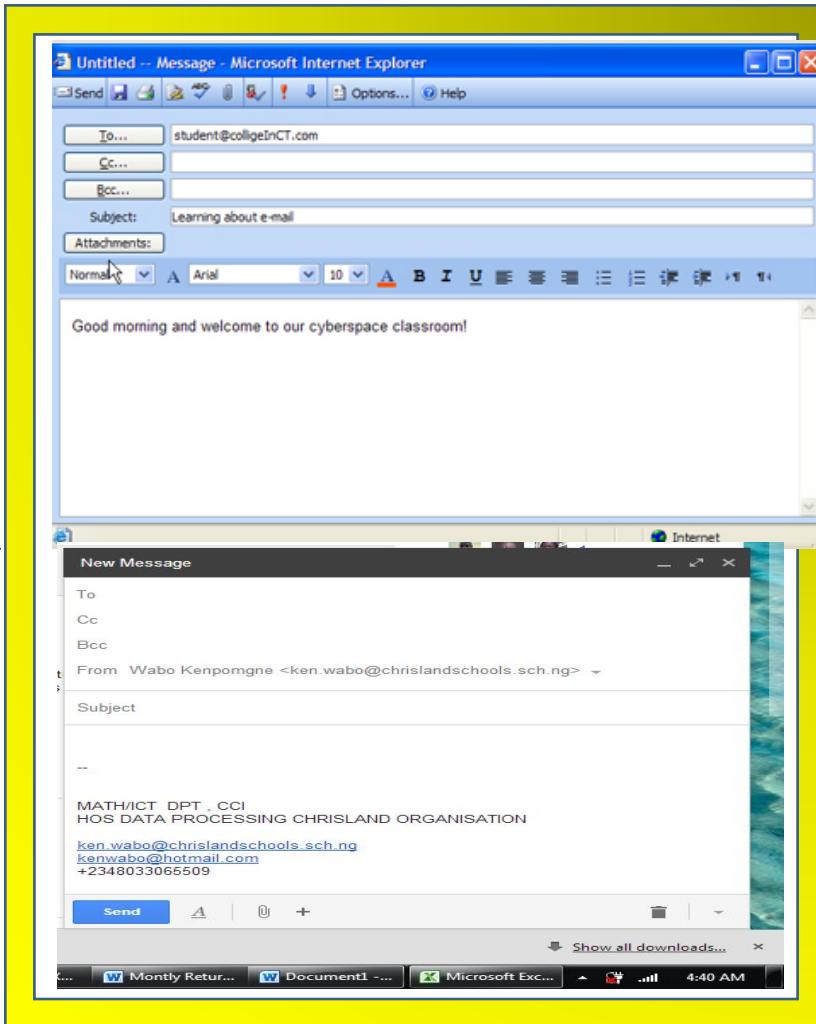
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Sending and receiving documents and other files electronically

Guiding Learning Questions

Highlight steps in
Sending email/receiving email



Answers to Guiding Learning Question.

(It is a good idea (but not absolutely necessary) to also fill in the **Subject** line, since that gives your recipient an idea of why you are writing. Your message then goes in the blank space. **Cc** sends a copy to another person(s). **Bcc** sends a copy to another person, but hides that fact from the original recipient.

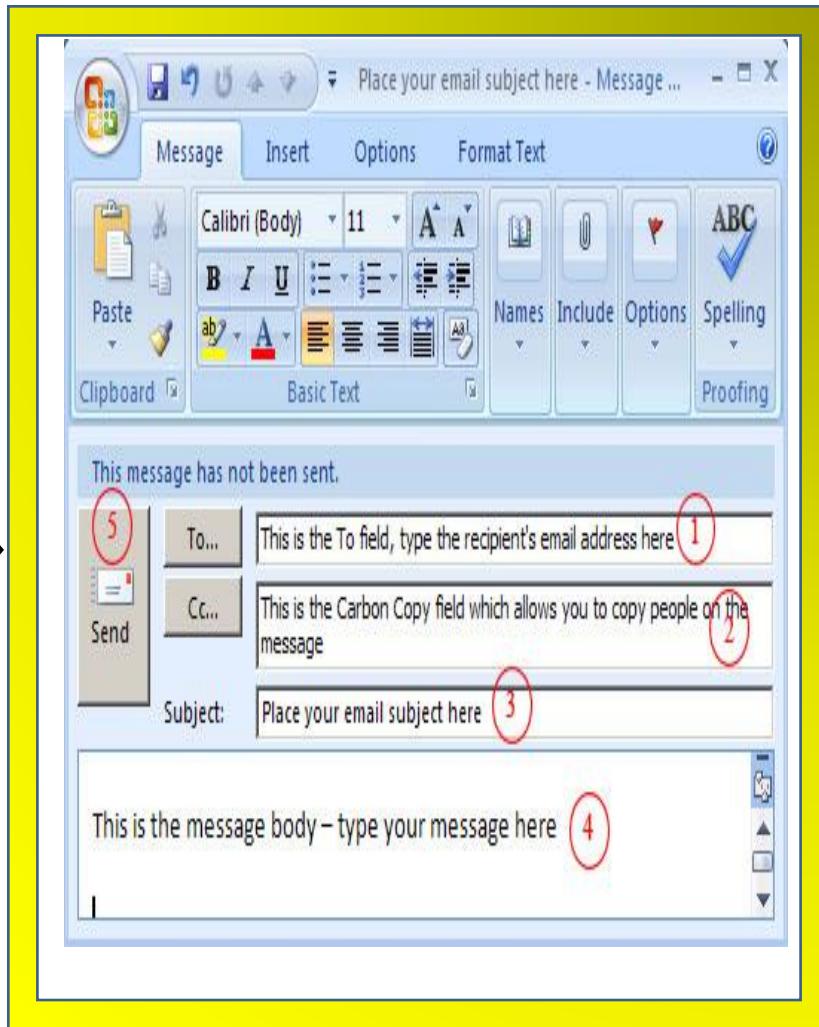
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Sending and receiving documents and other files electronically

Guiding Learning Questions

**Highlight
steps in
Sending
email/receiving email**



Answers to Guiding Learning Question.

This is the To: field, type the recipient's email address here.

This is the Carbon copy field which allows you to send a copy of this email to other people.

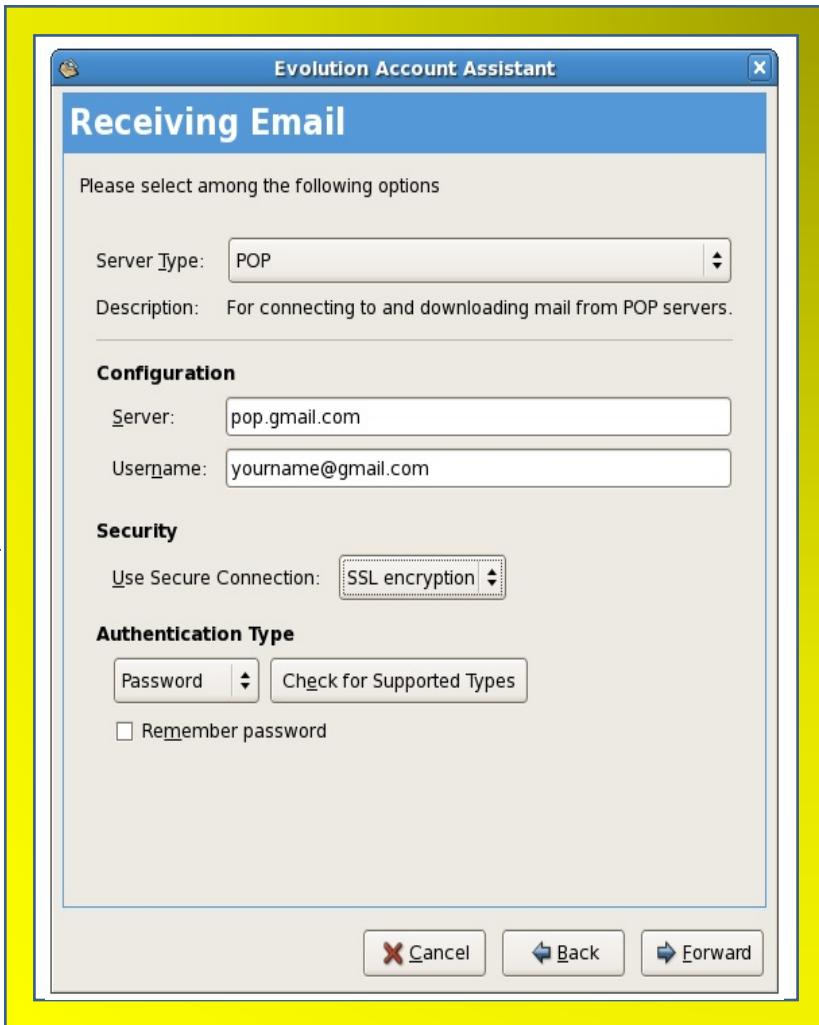
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Sending and receiving documents and other files electronically

Guiding Learning Questions

Highlight steps in
Sending email/receiving email



Answers to Guiding Learning Question.

Sending and Receiving GMail Email via POP on a CentOS System the email SMTP information to access Gmail from a CentOS system. Click Forward to proceed to the next screen. On the Receiving Options page

LISSEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Chrisla

ONLINE

Digital

Keep Safe . Keep Healthy.

LISTEN. PRACTICE. UNDERSTAND then WRITE DOWN THE KEY POINTS.





What can you think out of this image?

Topic ?

ICT

Subject

YEAR 10

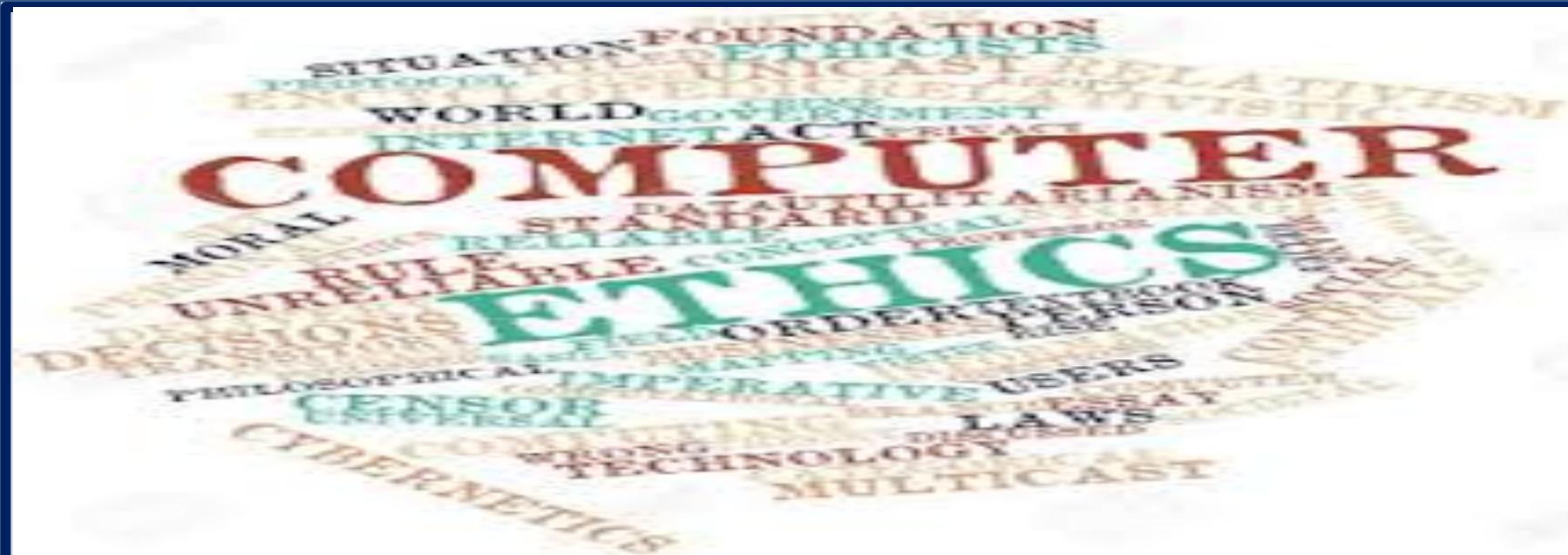
Class

Week 7 Term 3, 2021

Week, Term & Year

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.





Picture here

Topic: Computer Ethics

ICT

SUBJECT

Year 10

CLASS

Week 8 Term 3, 2021

Week 1, 3rd Term & Year 2021



**LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.**



Learning Objectives

By the end of the lesson; the students should be able to;

1. Define computer ethics
2. List computer ethics
3. Maintain computer ethics within a computer room



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Computer Ethics

Guiding Learning Questions

What the Computer Ethic?

This commandment says that it is unethical to use a computer to harm another user. It includes harming or corrupting other users' data or files.

Manipulating or destroying files of other users is eth-



Answers to Guiding Learning Question.

Ethics is a set of moral principles that govern the behavior of a group or individual.



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Computer Ethics

Guiding Learning Questions

What the Computer Ethic?

This commandment says that it is unethical to use a computer to harm another user. It includes harming or corrupting other users' data or files. Manipulating or destroying files of other users is eth



Answers to Guiding Learning Question.

Computer ethics is set of moral principles that regulate the use of computers.



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Computer Ethics

Guiding Learning Questions

What the Computer Ethic?



Answers to Guiding Learning Question.

Computer ethics is set of moral principles that regulate the use of computers.



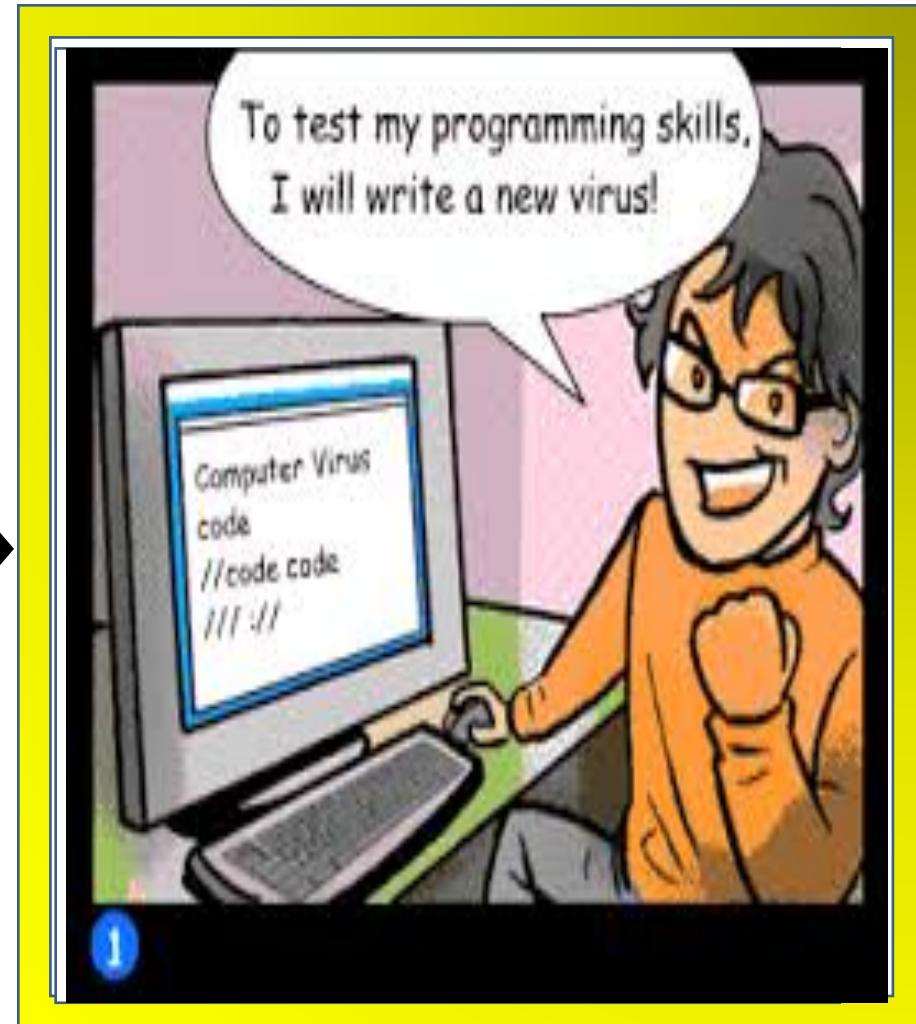
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Computer Ethics

Guiding Learning Questions

List some issues of computer ethics



Answers to Guiding Learning Question.

1. intellectual property rights (such as copyrighted electronic content).
2. Privacy concerns
3. How computers affect society.

Topic: Computer Ethics

Guiding Learning Questions

Highlight some common Computer Ethics?



Answers to Guiding Learning Question.

1. Do not spill liquid on the computer
2. Do not eat and drink while using the computer system
3. Cover the computers with anti-dust cover when they are not in use

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Computer Ethics

Guiding Learning Questions

Highlight some common Computer Ethics?



Answers to Guiding Learning Question.

4. Computers should be protected from power problems using UPS (Uninterruptible Power Supply)
5. Computer users should always unplug the system from any electrical or power source when the computer is not in use

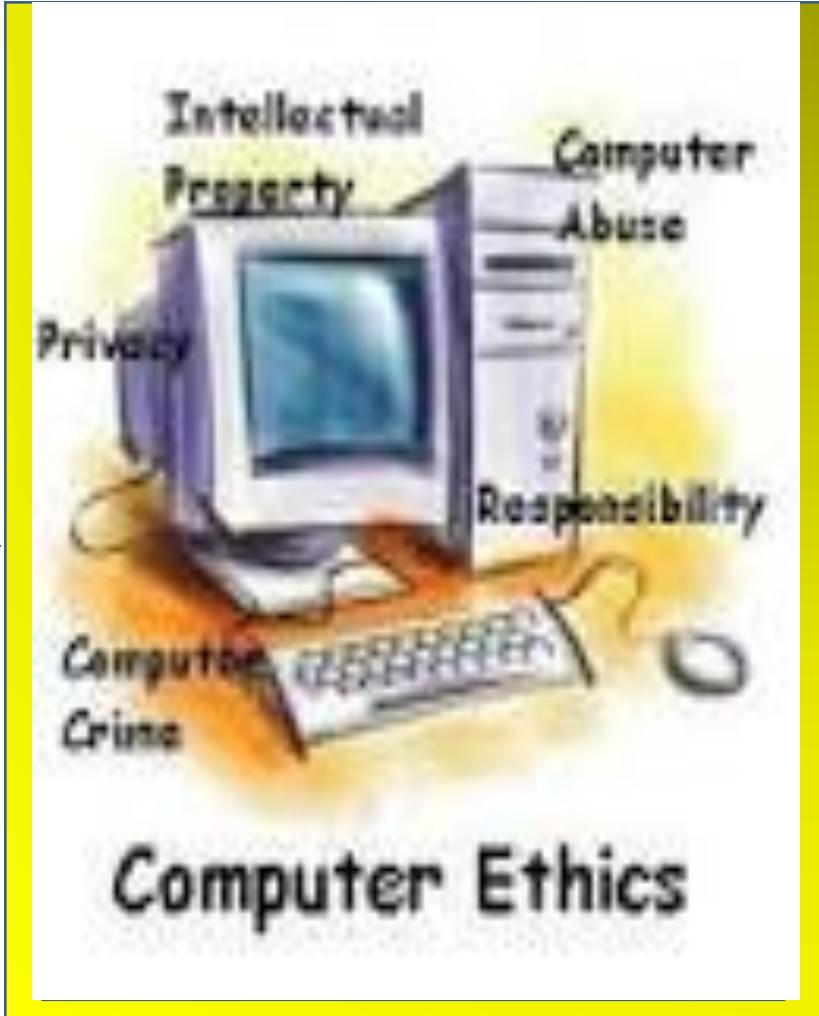
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Computer Ethics

Guiding Learning Questions

Highlight some common Computer Ethics?



Answers to Guiding Learning Question.

6. Computers should be kept away from sun and heat



LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



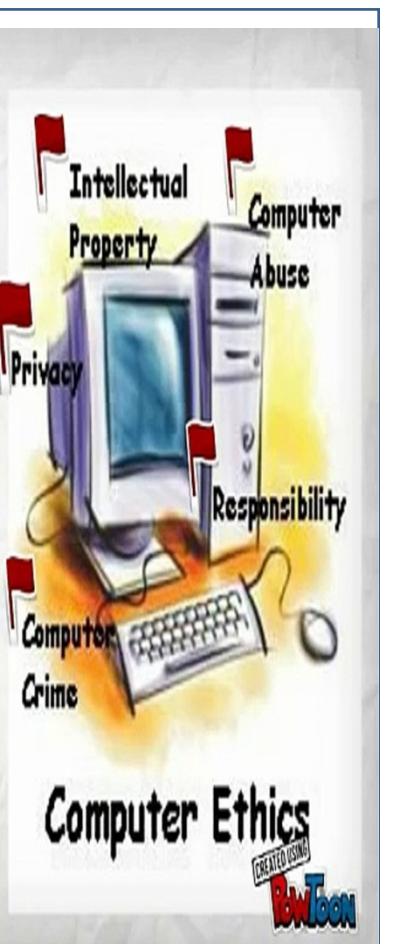
Topic: Computer Ethics

Guiding Learning Questions

List of Computer Ethics



This commandment says that it is unethical to use a computer to harm another user. It includes harming or corrupting other users' data or files. Manipulating or destroying files of other users is eth



Answers to Guiding Learning Question.

computer ethics is set of moral principles that regulate the use of computers.



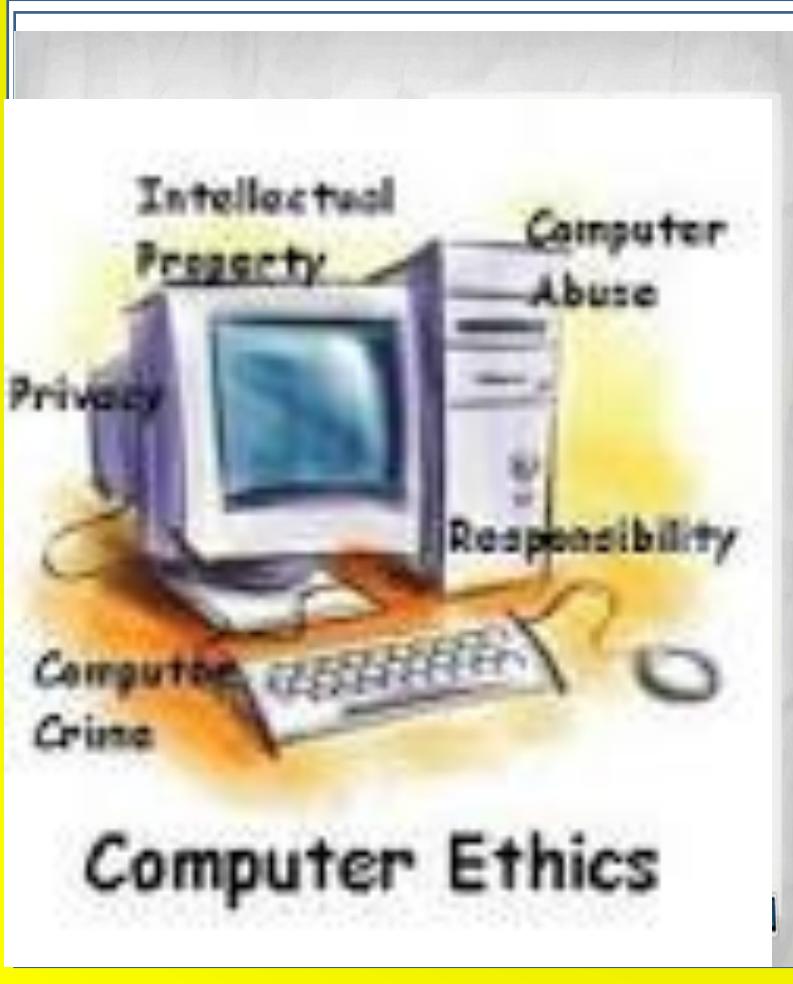
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Computer Ethics

Guiding Learning Questions

List of Computer Ethics



Answers to Guiding Learning Question.

While it is easy to duplicate copyrighted electronic (or digital) content, computer ethics would suggest that it is wrong to do so without the author's approval.



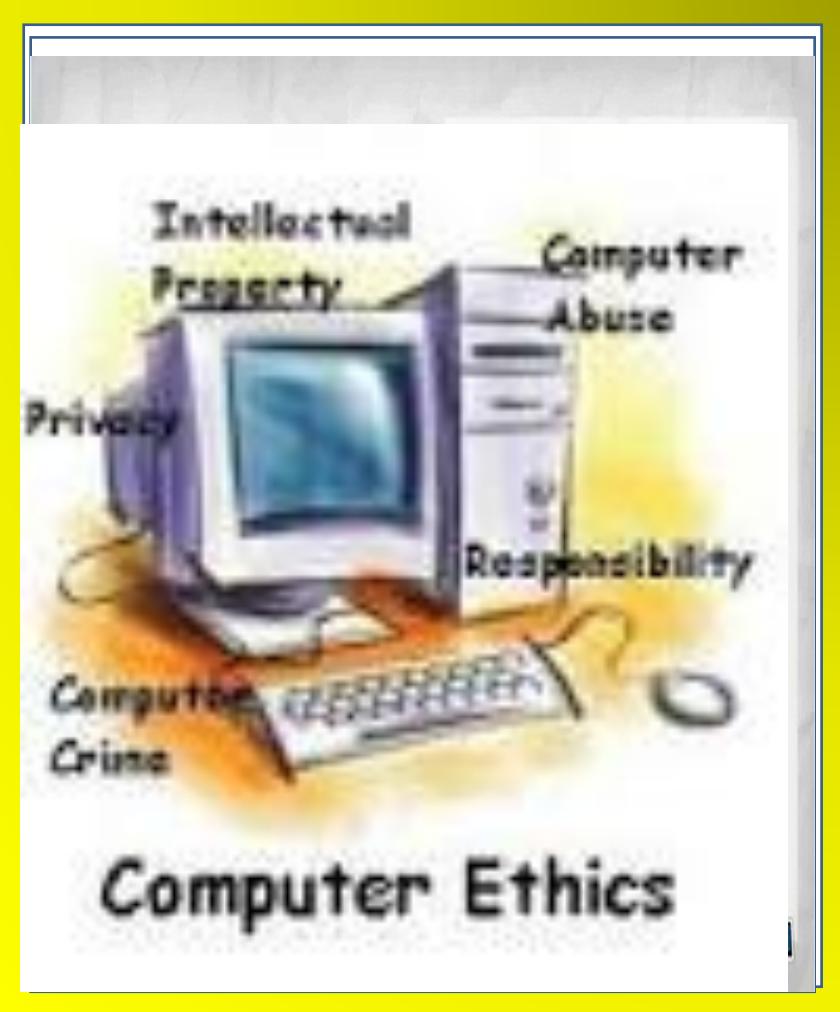
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Computer Ethics

Guiding Learning Questions

List of Computer Ethics



Answers to Guiding Learning Question.

while it may be possible to access someone's personal information on a computer system, computer ethics would advise that such an action is unethical.



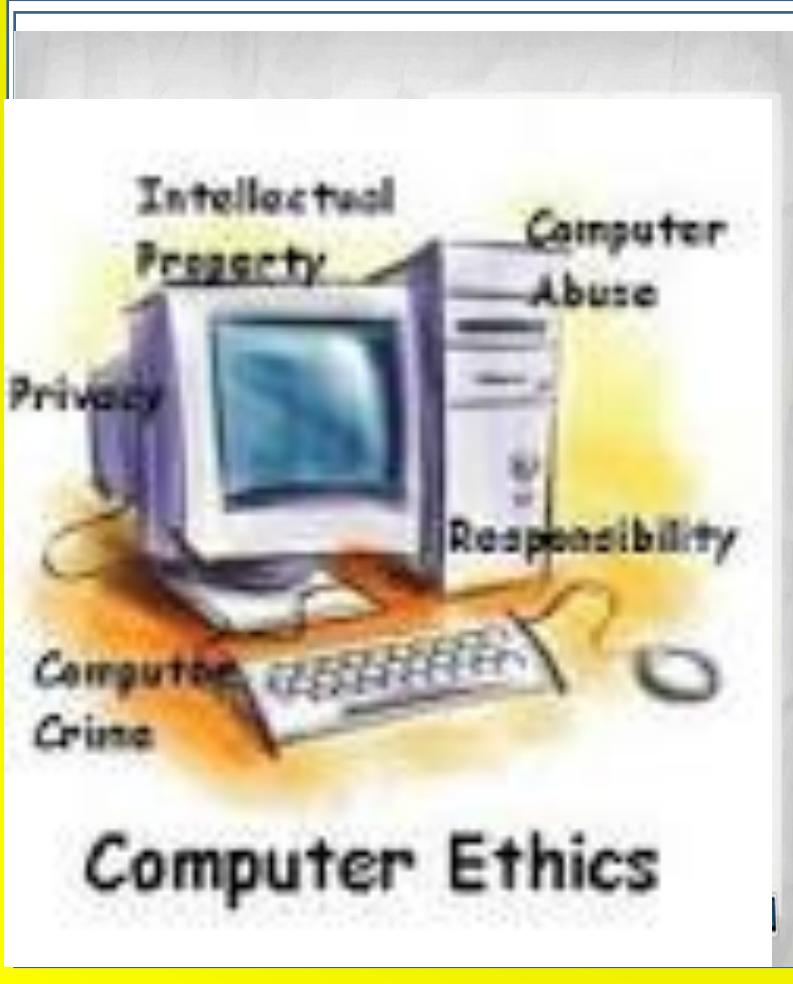
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Computer Ethics

Guiding Learning Questions

List of Computer Ethics



Answers to Guiding Learning Question.

As technology advances, computers continue to have a greater impact on society. Computer ethics promotes how much influence computers should have

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Computer Ethics

Guiding Learning Questions

List of Computer Ethics

Computer Lab Rules

Come to class with clean hands.
Operate equipment properly.
Make sure you listen to directions.
Push your chair in when you leave.
Use your inside voice.
Touch the keyboard lightly.
Eat and drink outside of the lab.
Remember to ASK before printing.

Learn something new every lab day.
Always do your best work.
Be respectful to your classmates.

Answers to Guiding Learning Question.

in areas such as artificial intelligence and human communication. As the world of computers evolves, computer ethics continues to create ethical standards

LISEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic: Computer Ethics

Guiding Learning Questions

List of Computer Ethics

Computer Lab Rules

Come to class with clean hands.
Operate equipment properly.
Make sure you listen to directions.
Push your chair in when you leave.
Use your inside voice.
Touch the keyboard lightly.
Eat and drink outside of the lab.
Remember to ASK before printing.

Learn something new every lab day.
Always do your best work.
Be respectful to your classmates.

Answers to Guiding Learning Question.

in areas such as artificial intelligence and human communication. As the world of computers evolves, computer ethics continues to create ethical standards

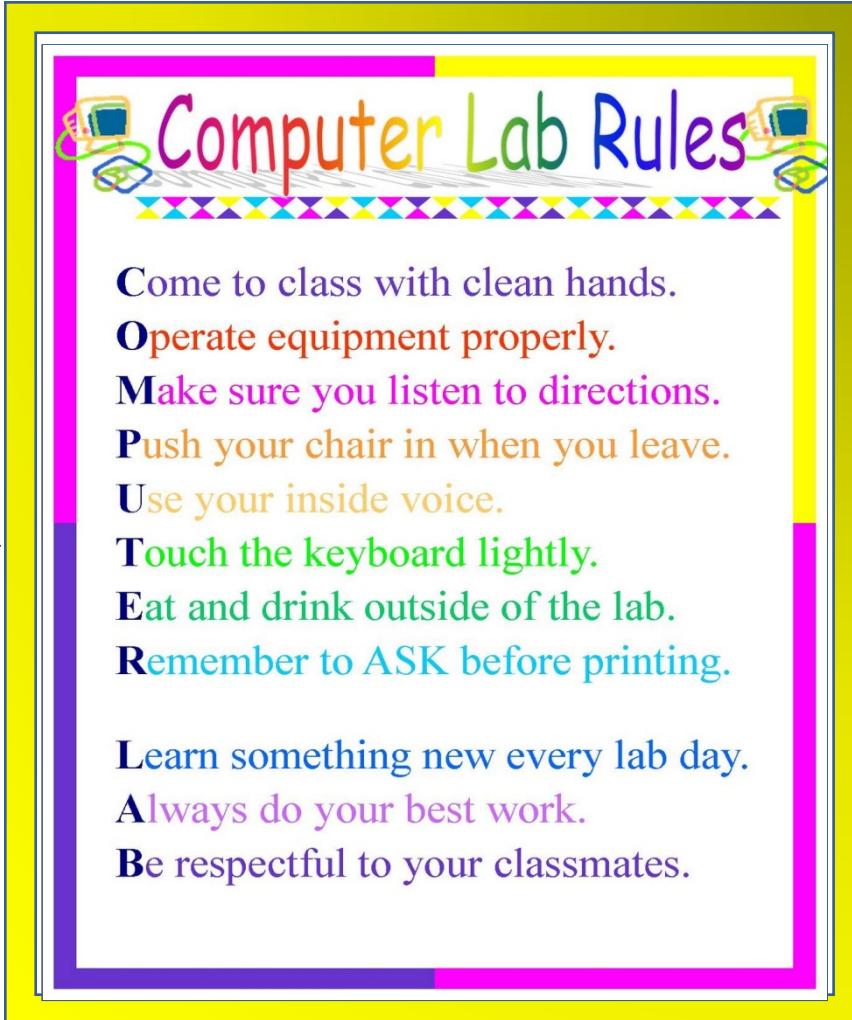
LISEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



TEN COMMANDMENTS OF COMPUTER ETHICS

Guiding Learning Questions

List the ten Computer Ethics



Answers to Guiding Learning Question.

1. thou shalt not use a computer to harm other people.
2. Thou shalt not interfere with other people's computer work.
3. thou shalt not snoop around in other people's computer files.

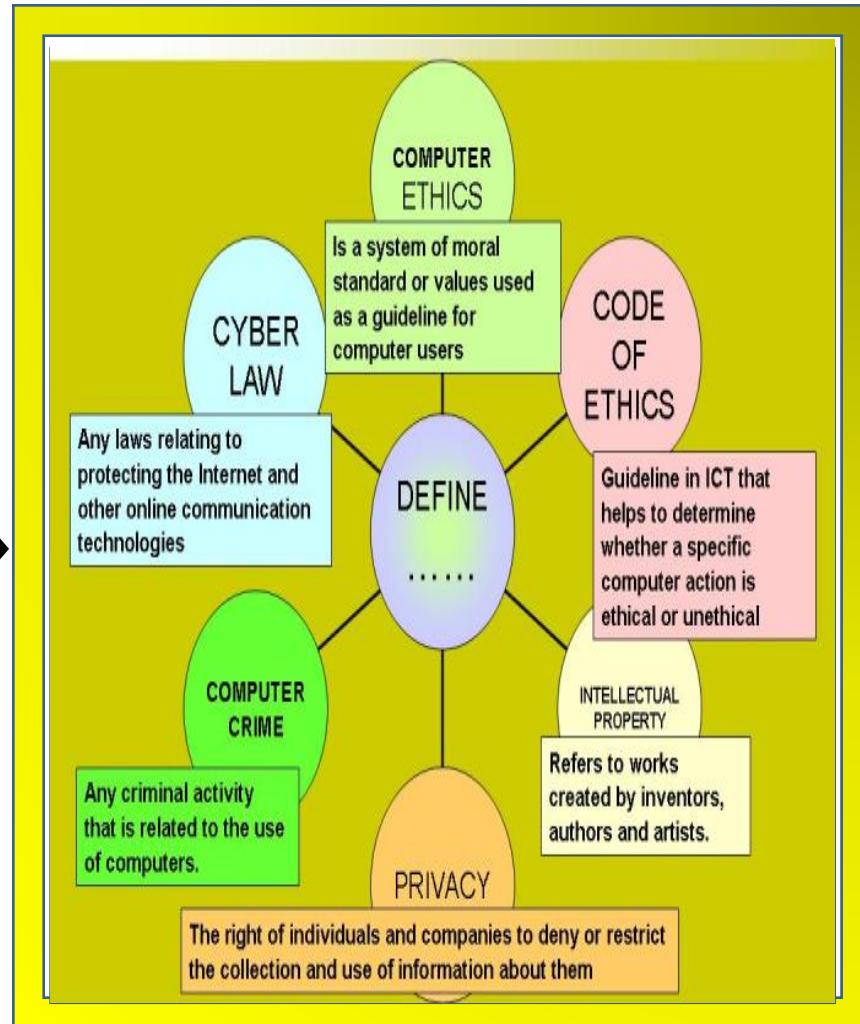
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



TEN COMMANDMENTS OF COMPUTER ETHICS

Guiding Learning Questions

List the ten Computer Ethics



Answers to Guiding Learning Question.

4. thou shalt not use a computer to steal.
5. thou shalt not use a computer to bear false witness.
6. thou shalt not copy or use proprietary software for which you have not paid.

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.

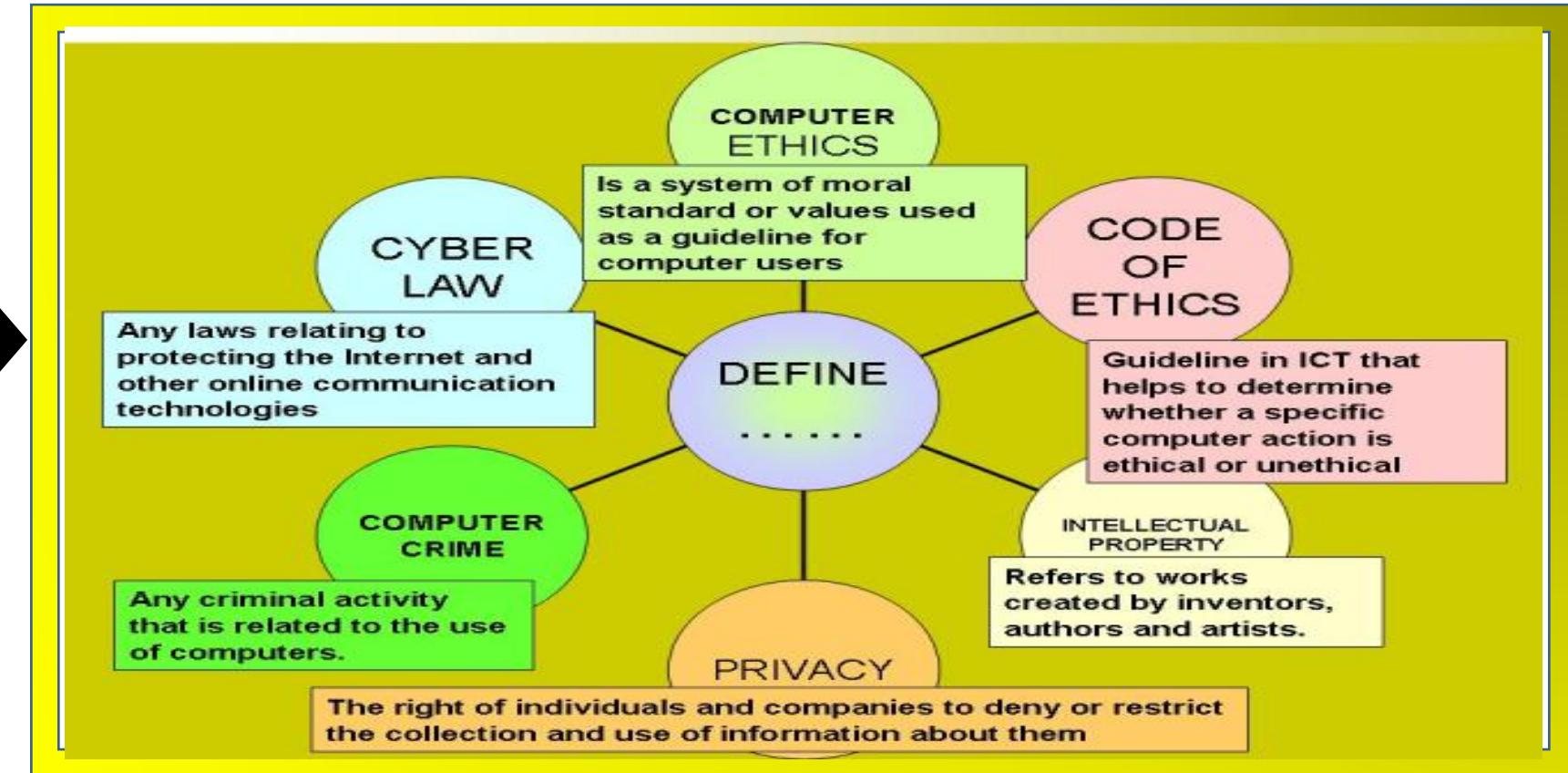


TEN COMMANDMENTS OF COMPUTER ETHICS

Guiding Learning Questions

Computer Ethics

Answers to Guiding Learning Question.



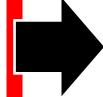
LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



TEN COMMANDMENTS OF COMPUTER ETHICS

Guiding Learning
Questions

Highlight
some
Computer
Rules



Computer Rules

- B**e sure to wash your hands before touching computers.
- I**nstructions are to eat food and beverages away from computers.
- T**ake time to listen to instructions before beginning work.
- S**ecure permission before you print.
- B**e sure to get permission before running programs.
- Y**ou should handle all equipment with care.
- T**ake care to hold disks, CDs, and DVDs properly.
- E**very time you leave, make sure the desktop is as it was found.
- S**top and think – What are other rules I need to follow?

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Sub point

Picture/Video or
Diagram to introduce a
sub point

Caption

Guiding learning Questions

Define computer
ethics
.



Answers to the Guiding Questions

Ethics is a set of moral
principles that govern the
behavior of a group or
individual.

Sub point

Picture/Video or
Diagram to introduce a
sub point

Caption

Guiding learning Questions

List examples of
computer ethics



Answers to the Guiding Questions

1. Do not spill liquid on the computer
2. Do not eat and drink while using the computer system
3. Cover the computers with anti-dust cover when they are not in use

LISSEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Sub point

Picture/Video or
Diagram to introduce a
sub point

Caption

Guiding learning
Questions

**List Some
common issues
of computer
ethics**

.

Answers to the Guiding Questions

1. intellectual property rights
(such as copyrighted electronic
content).
 2. Privacy concerns
 3. How computers affect society.
- .

Sub point

Picture/Video or
Diagram to introduce a
sub point

Caption

Guiding learning
Questions

**List ten
commandments
of computer
ethics**

Answers to the Guiding Questions

1. thou shalt not use a computer to
harm other people.
2. hou shalt not interfere with
other people's computer work.
3. thou shalt not snoop around in
other people's computer files.

LISSEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Topic:

Class

Digital Platforms/Sources	Website ... url address below	Description of target concept to search for.
YouTube	Copy the website address here	
Google	Copy the website address here	
Google Classroom	Copy the website address here	
Zoom	Copy the website address here	
School Britannica	Copy the website address here	

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.



Learning Follow-up Assignment

1. What is Hacking?
2. Define the term “Internet”
3. Highlight any 5 Email terminology

LISTEN. PRACTICE. UNDERSTAND then
WRITE DOWN THE KEY POINTS.

