LEARNING ACTIVITY SHEET
SPECIAL PROGRAM IN ICT 7
OFFICE PRODUCTIVITY 7
First Quarter, Week 10

Name of Learner: _____   Date: _____

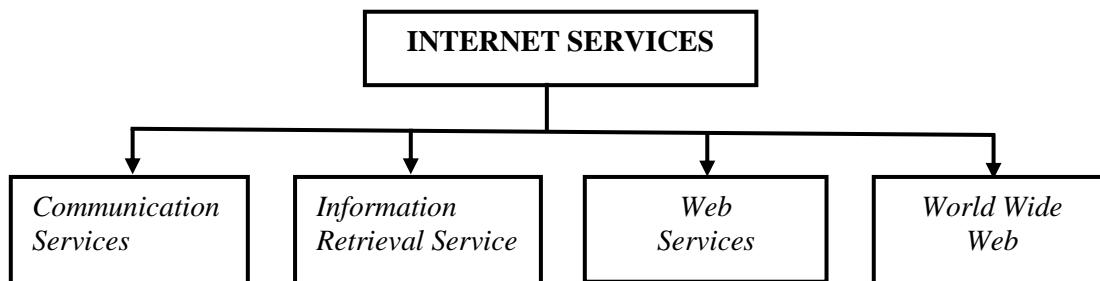Grade Level /Section: _____

Services Available on the Internet

BACKGROUND INFORMATION FOR LEARNERS

With the vast use of internet, availability of technology services happen instantly. What does an *Internet* cannot bring on the table in terms of information gathering and dissemination?

INTERNET SERVICES

The internet defines how specific types of data should be sent and be received. *Internet services* allow to access enormous amount of information on the internet. Below shows the four categories of *Internet Services*:

A. COMMUNICATION SERVICES

It offers exchange of information within an individual or group of people.

1. Electronic Mail (E-mail) Used in sending e-message in the Net.
2. Terminal Network (Telnet) Used in logging on into a remote computer attached to the internet.
3. Newsgroup Offers topics of common interests into forum for people to discuss.
4. Internet Relay Chat (IRC) Allows people worldwide to communicate in real-time.
5. Mailing Lists Used in organizing group of internet users sharing common information through electronic mail.
6. Internet Telephony (VoIP-Voice Over Internet Protocol) Allows Net users to talk through internet to any PC equipped to receive the call**.**
7. Instant Messaging Offers real time chatting between individuals and group of people in Yahoo messenger, MSN, messenger.

B. INFORMATION RETRIEVAL SERVICES

It offers easy access to information existing on the internet.

1. File Transfer Protocol (FTP)
Enable the users to transfer files.

2. Archie
It has updated database of public FTP sites and their content. It helps searching file by its name.

3. Gopher (Go for that information on the Net)
Used for searching, retrieving, and displaying documents on remote sites.

4. Very Easy Rodent Oriented Netwide Index to Computer Achieved (VERONICA)
It is gopher-based source allowing the information resource stored be accessed on Gopher's servers.

C. WEB SERVICES

It allows exchanging of information between web applications and it offers the concept of Utility Computing. Through web services, applications can simply interact with each other.

D. WORLD WIDE WEB (WWW)

This is also called the Web, WWW, or W3 offering a way to access documents that are spread over the some servers on the Net. These documents include text, audio, video, graphics, and hyperlinks. With the *hyperlink,* users are allowed to navigate between the documents.

VIDEO CONFERENCING

Also called Video teleconferencing is a method wherein the communication is through two-way video and audio transmission with the aid of telecommunication technologies.
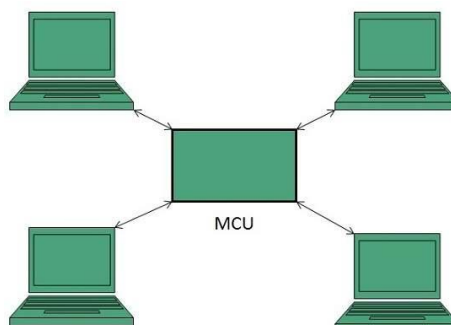
Modes of Video Conferencing

1. *POINT-TO-POINT* - this mode of conferencing connects two locations only.

Source: tutorialspoint.com

2. *MULTI-POINT* - this mode of conferencing connects more than two locations through Multi-point Control Unit (MCU).

MCU

Source: tutorialspoint.com

CONNECTING TO INTERNET

It seems connecting to internet is a simple task; but it can be complicated for those who are unfamiliar with the network or type of internet that they are trying to connect to. However, given the occurrence of the internet, it is important to know and to learn on how to connect in the Internet whether using Wi-Fi, ethernet, or the slowly fading dial-up.

INTERNET SERVICE PROVIDERS (ISP)

These are the companies offering access to the internet. They have various services like

- Internet Access
- Domain name registration
- Dial-up access
- Leased line access

ISP TYPES

ISPs can be classified into the following:

1. Access Providers **-** they provide access to internet through telephone lines, cable Wi-Fi or fiber optics.

2. Mailbox Provider **-** such providers offer mailbox-hosting services.

3. Hosting ISPs **-** it offers e-mail, and other web hosting services such as virtual machines, clouds

4. Virtual ISPs **-** offers internet access via other ISP services.

5. Free ISPs **-** it does not charge for internet services.

CONNECTION TYPES

Following are the connection types available: Dial-up Connection, ISDN, DSL, Cable TV Internet connections, Satellite Internet connections, and Wireless Internet Connections.

INTRANET

A single stand-alone computer is not a network, but as presently as two computers are connected and able to exchange data, they form network. Thus, the idea of interconnection came out.

The intranet is a private network confined within an enterprise using internet protocols so the employee can use ordinary web browsers to find, view, and retrieve files. It may contain many interweaved local area networks and use lines in the wide area network.

EXTRANET

An extranet is a private network that can be viewed as part of a company's intranet using Internet technology and public telecommunication system sharing securely some business part information or operation to suppliers, customers, vendors, partners, or other businesses matter.

LEARNING COMPETENCY

To familiarize on different services available on the internet and explain how internet works

ACTIVITIES

ACTIVITY 1

***Directions*:** Arrange the following jumbled letters to form a word being described in the sentence.
Write the answer on the space provided before the number.

A N N E T I T R

_____1. It is a private network confined only on company's employee that permits them to find, view, and retrieve important files.

E I T N R E T N   Y R E A L   A C T H

_____ 2. It allows people around the world to communicate in synchronous manner.

R W L D O   D E W I   W B E

_____3. Also known as the Web or W3.

T R E C O N I C L E   M I L A

_____4. Used in sending electronic message in the internet.

X E T N E T R A

_____5. It is a private network that can be viewed as part of a company's intranet to share securely the business information or operation.

P H G E R O
_____6. It is used to search, retrieve, and display documents on remote sites.

T E R I N N E T   R V I S E C E   R O V I D P E R S

_____7. These are the companies that offer internet access.

A I X L B O M   O V I D P R E R

_____8. It is a provider that offer mailbox-hosting services.

R N E I N T E T   V I C S E R E S

_____9. It allows to access huge amount of information on the internet.

T I M U L – I N T P O

_____10. This mode of conferencing connects more than two locations through Multi-point Control Unit.

ACTIVITY 2
Instructions:
1. Create a presentation explaining how different internet services work and how internet works. Send it

   to your teacher's account. Below is your scoring guide:

RUBRICS FOR POWERPOINT PRESENTATION

DIMENSION	SKILLED	MODERATELY SKILLED	UNSKILLED	NO ATTEMPT	SCORE
	4	**3**	**2**	**1**	
Use of Time	Student uses their time to work productively and efficiently.	Student uses most of their time to work productively and efficiently.	Student uses some of their time to work productively and efficiently.	Student does not use some their time to work productively and efficiently. Student is frequently off task.	
Picture/Graphics	Pictures and graphics are clear and relevant.	Most pictures and graphics are clear and relevant.	Few pictures and graphics are clear and relevant.	Pictures and graphics are not clear and relevant.	
Required Elements	All of the required elements are clearly visible, organized, and well placed.	Most of the required elements are clearly visible, organized, and well placed.	Few of the required elements are clearly visible, organized, and well placed.	Missing most or all of the required elements.	
Visual Clarity and Appeal	Presentation has an excellent design and layout. It is neat and easy to understand the content.	Presentation has nice design and layout. It is neat and easy to understand the content.	Presentation needs improvement in design, layout and neatness.	Presentation needs significant improvement in design, layout and neatness.	
Content , Spelling, Grammar, and Punctuation	Presentation has excellent spelling, grammar, punctuation, and original content.	Presentation has 1-2 spelling, grammar, and punctuation errors with original content.	Presentation has 3-5 spelling, grammar, and punctuation errors with original content.	Presentation has multiple spelling, grammar, and punctuation errors. Some content is copy and paste or plagiarized.	

REFLECTION

With a simple click, information could be found easily on the Net. What do you think will happen if the internet doesn't work as it is expected?

_____

_____

_____.

REFERENCES FOR LEARNERS

https://www.slideshare.net/sahilnagpal79025/services-provided-by-the-internet-46923539

https://www.iotforall.com/how-does-the-internet-work/

Prepared by: **LEILANI A. LEONCIO**
                 MILDRED M. DUMLAO
                 Name of Writers

Noted by: **LABERNE A. LADIGNON, JR**
                 Division ICT Coordinator/ OIC EPS

KEY TO CORRECTIONS

10. MULTI-POINT
9. INTERNET SERVICES
8. MAILBOX PROVIDER
7. INTERNET SERVICE PROVIDERS
6. GOPHER
5. EXTRANET
4. ELECTRONIC MAIL
3. WORLD WIDE WEB
2. INTERNET RELAY CHAT
1. INTRANET

ACTIVITY 1