	Suva Sangam College **Year 9: Office Technology** **WEEK: 1** **MODAY 05/07/2021 – FRIDAY 09/07/2021**
STRAND	9.2 Computer Concepts and Skills
SUB STRAND	9.2.2 Uses of Internet
CONTENT LEARNING OUTCOME	Explore information from the internet
REFERENCE FROM TEXT BOOK	Page: 55 - 65

Achievement indicator:
1. Define internet
2. Gather information and use it appropriately

Chapter 4: Uses of Internet

Define the term Internet?
- An internet is a system that connects together computers all over the world through people can share information and communicate from anywhere with an **Internet** connection
- It's a huge web of different types of computers and different kinds of links where most computers are connected through **telephone links**.

Using internet link you can take information directly from other computers. Such information's include:
- Text
- Pictures
- Multimedia

Using information from internet you can:
- Simply look at it
- Copy it onto your computer
- Print it out
- Use it in your own document and presentation

What is a website?
- A website is a collection of computer screen displays which is connected to the internet.
- A website is a collection of web pages and related content that is identified by a common domain name and published on at least one web server.

Examples of websites

1. http://www.fiji native and tribal congress.com.fj
2. http://www.facebook.com
3. http://www.google.com.fj

Activity Questions
1. Briefly discuss why internet is very useful to all of us
2. What is the name given to a collection of computer screen displays which is connected to the internet?
3. In your own words, discuss what internet is.

Achievement indicator:
1. **Define World Wide Web**
2. **Define and identify different types of web browsers**

World Wide Web
What is World Wide Web?
- World Wide Web (WWW) is a collection of all the websites in the world.
- World Wide Web is an information system where documents and other web resources are identified by Uniform Resource Locators and are accessible over the Internet.

Every website in the World Wide Web has an address called Uniform Resource Locator or URL.

Web Browsers
What is a Web browser?
- A web browser is a piece of software which lets you look at the websites.

Examples of main web browsers are:

Web browsers	Description	Picture
1. Mozilla Firefox	is a free and open-source web browser developed by the Mozilla Foundation and its subsidiary	
2. Internet Explorer	is a series of graphical web browsers developed by Microsoft and included in the Microsoft Windows operating system	
3. Opera	is a multi-platform web browser developed by Opera Software. Opera is a Chromium-based browser.	
4. Google Chrome	is a cross-platform web browser developed by Google	

Activity Questions:

1. What is the name of the piece of software which lets you look at the website?
2. List and describe in your own words any three web browsers.
3. What is WWW and state its acronym.

Achievement Indicator:
1. Define Search Engine and identify the most common search engine
2. Identify the steps to use search engine to conduct a search.

What is a Search engine?
- Search engines are computer programs that finds websites for you.
- Search engines are held on their own websites.
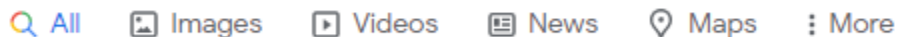
Example of a most common search engine is:
1. Google

Other search engines include:
1. Yahoo
2. AOL
3. Ask.com
4. Bing

Steps to use google search engine
1. Open web browser, such as Google Chrome, Internet Explorer, Opera or Mozilla Firefox and enter www.google.com in the address bar or URL and click enter using a keyboard. The Google page will open to conduct a search.
2. To conduct the search, point and click the mouse in the **search textbox** and type in the textbox the keywords you would like to search.
3. Click Enter in the keyboard or Google Search Button to get the results.
4. A list of search results will appear. In addition, notice the result area for the number of results found. **Example:**

5. To navigate to see more results, click on number 2 or on the blue arrow to the right to continue through the search results. **Example:**

Activity Questions:
1. Define Search Engine?
2. Identify and explain the most common search engine used nowadays.

Achievement Indicator:

1. Identify internet ethics that need to be applied while using internet

What is internet ethics?

- Internet ethics means, acceptable behavior for using Internet. We should be honest, respect the rights and property of others on the Internet.

Acknowledgment

- Acknowledge is defined as to show thanks or appreciation or to recognize someone's efforts or accomplishments.
- Acknowledgment enables you to think those who have helped in carrying out the research. The general advice is to express your appreciation in a brief manner and to avoid strong emotive language.
- Information source gathered from the internet needs to be acknowledged as well as they provide useful information.
- Careful thoughts need to be given concerning those whose help should be acknowledged.

Piracy

- Software piracy is defined as copying and using commercial or profitable software purchased by someone else.
- Software Piracy is illegal.
- Online piracy is the practice of downloading and distributing copyrighted content digitally without permission, such as music or software

Example

- Internet software piracy refers to any illegal and/or unauthorized use of electronic copyrighted materials through deliberate copying and/or distribution, whether deliberately or not, or for profit/not for profit. Counterfeit software sold through online auction sites is another form of Internet software piracy.

Activity Questions:

1. In your own words discuss what **piracy** is?
2. Briefly explain why piracy is illegal.
3. _____can be defined as copying and using commercial (profitable) software purchased by someone else.
   a. Hacker
   b. Software piracy
   c. Cracker
   d. Software developer

   (For question number 3, choose one answer form the given 4 choices)

Achievement Indicator:
1. Identify the advantages and disadvantages of getting information from the internet

Two advantages of getting information from the internet

Convenient

- Online stores are usually available 24 hours a day and many customers have internet access both at home and at work.
- Internet marketing enables you to open for business around the clock without worrying about store opening hours or overtime payments for staffs.
- Offering your products on the internet is also convenient for customers
- Internet service is available 24 hours

Accessibility

- Any kind of information on any topic can be found or is available on the internet
- The search engines on the internet can help you find data or information on any subject that you need.
- Many services are now provided on the internet such as online internet banking, job searching, purchasing and booking tickets, hotel reservation guidance and tips service.

Two disadvantages of getting information from the internet

Network

- It can be very confusing to choose correct website as there are many sites available.
- Networks send and receive information from other computers which is not always accurate and reliable.
- A lot of people get access to personal information in a short period of time.

Expensive

- It is very expensive to control and maintain internet service.
- Purchasing internet data is costly.

Activity Questions

1. Discuss two advantages of getting information from the internet
2. Discuss two disadvantages of getting information from the internet
3. In a paragraph discuss the use of internet.

Summary

- Internet is a system that connects together computers all over the world.

- A website is a collection of computer screen displays which is connected to the Internet.

- WWW or the World Wide Web is the collection of all the websites in the world. Every website in the World Wide Web has an address.

- The address is called the URL of the site. URL stands for Uniform Resource Locator.

- A web Brower is a piece of software which lets you look at websites. The main web browser is Microsoft Internet Explorer, Mozilla Firefox and Opera.

- Search engines are computer programs that find websites for you.

- Software piracy can be defined as copying and using commercial (profitable) software purchased by someone else.

- Software piracy is illegal