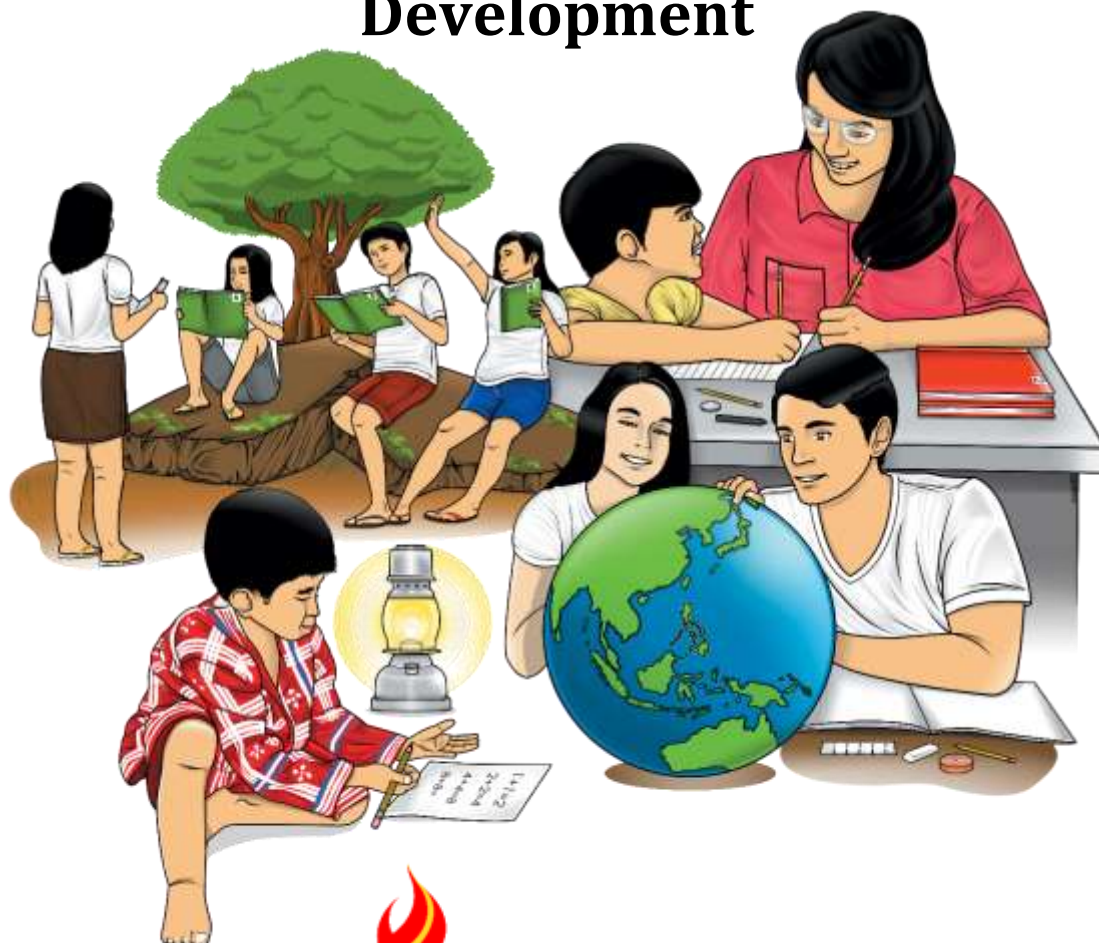# Empowerment Technologies
Quarter 1 – Module 8:
Online Creation Tools, Platforms, and Applications for ICT Content Development

ALTERNATIVE DELIVERY MODE

ADM

Empowerment Technologies
Alternative Delivery Mode
Quarter 1 – Module 8: Online Creation Tools, Platforms, and Applications for ICT Content Development
First Edition, 2020

Development Team of the Module

Writer: Rommel V. Estoya

Editor: Analisa I. Panaligan and Grace T. Balverde

Reviewer: Lorena J. Mutas

Illustrator: Amado S. Banawa Jr/ Rommel V. Estoya

Layout Artists: Mariss Tiffany Anne T. Asil and Melody Z. De Castro

Management Team: Malcom S. Garma, Director IV

Genia V. Santos, CLMD Chief

Dennis M. Mendoza, Regional EPS In-Charge of LRMS

Micah S. Pacheco, Regional ADM Coordinator

Loida O. Balasa, CID Chief

Grace R. Nieves, Division EPS In-Charge of LRMS

Lorena J. Mutas, Division ADM Coordinator

Empowerment Technologies
Quarter 1 – Module 8:
Online Creation Tools, Platforms, and Applications for ICT Content Development

DepED

DEPARTMENT OF EDUCATION

Introductory Message

This Self-Learning Module (SLM) is prepared so that you, our dear learners, can continue your studies and learn while at home. Activities, questions, directions, exercises, and discussions are carefully stated for you to understand each lesson.

Each SLM is composed of different parts. Each part shall guide you step-by-step as you discover and understand the lesson prepared for you.

Pre-tests are provided to measure your prior knowledge on lessons in each SLM. This will tell you if you need to proceed on completing this module or if you need to ask your facilitator or your teacher's assistance for better understanding of the lesson. At the end of each module, you need to answer the post-test to self-check your learning. Answer keys are provided for each activity and test. We trust that you will be honest in using these.

In addition to the material in the main text, Notes to the Teacher are also provided to our facilitators and parents for strategies and reminders on how they can best help you on your home-based learning.

Please use this module with care. Do not put unnecessary marks on any part of this SLM. Use a separate sheet of paper in answering the exercises and tests. And read the instructions carefully before performing each task.

If you have any questions in using this SLM or any difficulty in answering the tasks in this module, do not hesitate to consult your teacher or facilitator.

Thank you.

What I Need to Know

This module was designed and written with you in mind—to help you better understand online creation tools, platforms, and applications for ICT content development. For this reason, the scope of this module permits it to be used in different learning situations; the language used recognizes the diverse vocabulary level of students, and the lessons are arranged to follow the standard sequence of the course.

The module mainly focuses on Online Creation Tools, Platforms, and Applications for ICT Content Development.

Learning   Competency:

- Evaluate existing online creation tools, platforms, and applications in developing
- ICT content for specific professional tracks.

Upon successful completion of this module, you are expected to:

1. determine the nature and purpose of online creation tools, platforms and applications;
2. differentiate various online creation tools, platforms and applications available for ICT content development;
3. determine the appropriate online platforms to use on a specific purpose; and
4. evaluate existing online creation tools, platforms, and applications in developing ICT content for specific professional tracks.
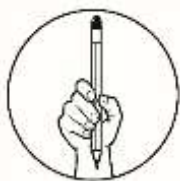
What I Know

Directions: Choose the letter of the correct answer. Write the chosen letter on a separate sheet of paper.

1. Which of the following is a digital service that enables collaboration between two or more different but interdependent groups of users who interact through the internet?
   a. Word Processor
   b. World Wide Web
   c. Online Platform
   d. ICT Content Development

2. Which of the following online creation tools will be used if a person wants to create a video presentation?
   a. Piktochart
   b. Prezi
   c. Powtoon
   d. Zamzar

3. What type of online platform is Facebook?
   a. Web Page Creation
   b. Cloud Computing
   c. Social Media
   d. Dating App

4. Which of the following is an example of a presentation/visualization platform?
   a. Google Drive
   b. Wikimapia
   c. Zamzar
   d. Prezi

5. Which online application will allow the user to publish, edit, manipulate, organize, and delete web content?
   a. Rage Comic Generator
   b. Microsoft Office 365
   c. Content Management System
   d. Youtube Video Editor

6. Which of the following platforms can be used for online community connections and networking?
   a. Dropbox
   b. Evernote
   c. Twitter
   d. Weebly

7. Which type of online platform will you use if you want to back up your file in your computer to the online storage?
   a. Cloud Computing
   b. File Management
   c. Mapping
   d. Social Media

8. Which of the following is NOT a purpose of online platforms and applications?
   a. repairing computers
   b. sharing information
   c. organizing files
   d. market place

9. Which of the following is not true about online creation tools and applications?
   a. They perform specific task.
   b. They do not require installation on computers.
   c. They are combination of different technologies that are set in one place.
   d. They can be accessed anytime and anywhere if the user is connected to the internet.

10. Which of the following is the best platform to use if you want to advertise your clothing line business?
    a. Social Media   c. File Management
    b. Mapping   d. Presentation/ Visualization

11. If you wanted to share your travel, food and cultural experiences in different places, which online platform will you use?
    a. Cloud Computing   c. File Management
    b. Mapping   d. Webpage Creation

12. Which of the following is the least priority in choosing online creation tools, platforms, and applications for ICT development?
    a. Affordability   c. Collaborative Features
    b. Browser Support   d. Security

13. Which situation will be best addressed by mapping platforms?
    a. Grace wanted to connect to her distant relatives in the province.
    b. Ramon's boss asks him to create a jingle for their new bread product.
    c. Dona will have to present a business proposal next week for her client.
    d. Aldrin wanted his gym's location to be easier to find by his potential clients.

14. Which situation is not suitable if a person will use audio and visual content tools and applications?
    a. Editing videos for instructional Zumba.
    b. Mixing music for the cultural dance presentation.
    c. Surveying people about their preference in visual arts.
    d. Creating infographics about the importance of wearing face mask.

15. Which of the following is NOT true about online platforms?
    a. Online platforms can be a marketplace.
    b. Online platforms are run by several applications.
    c. Online platforms are fixed and cannot be modified.
    d. Online platforms interact between two or more users.

<table>
<tr>
<td>**Lesson**
1</td>
<td>**Online Creation Tools, Platforms, and Applications for ICT Content Development**</td>
</tr>
</table>

Online platforms have transformed the access of information and communication into greater heights. They provide opportunities for any person to tell, share, and even sell his or her ideas and stories to the world in just one click.

What's In

Directions: Below are online platforms available on the internet. Let us see how familiar you are with these platforms by answering the questions that follow. Write your answer on a separate sheet of paper.

Facebook	Dropbox	Prezi
Youtube	Wordpress	Google Map
Zamzar	Instagram	Twitter

1. Why are these platforms called "online"?

_____

_____

2. Choose at least two of the online platforms above that you are familiar with.

_____

_____

3. On what particular purpose do you usually use your chosen online platforms?

Choice no. 1: _____

Choice no. 2: _____
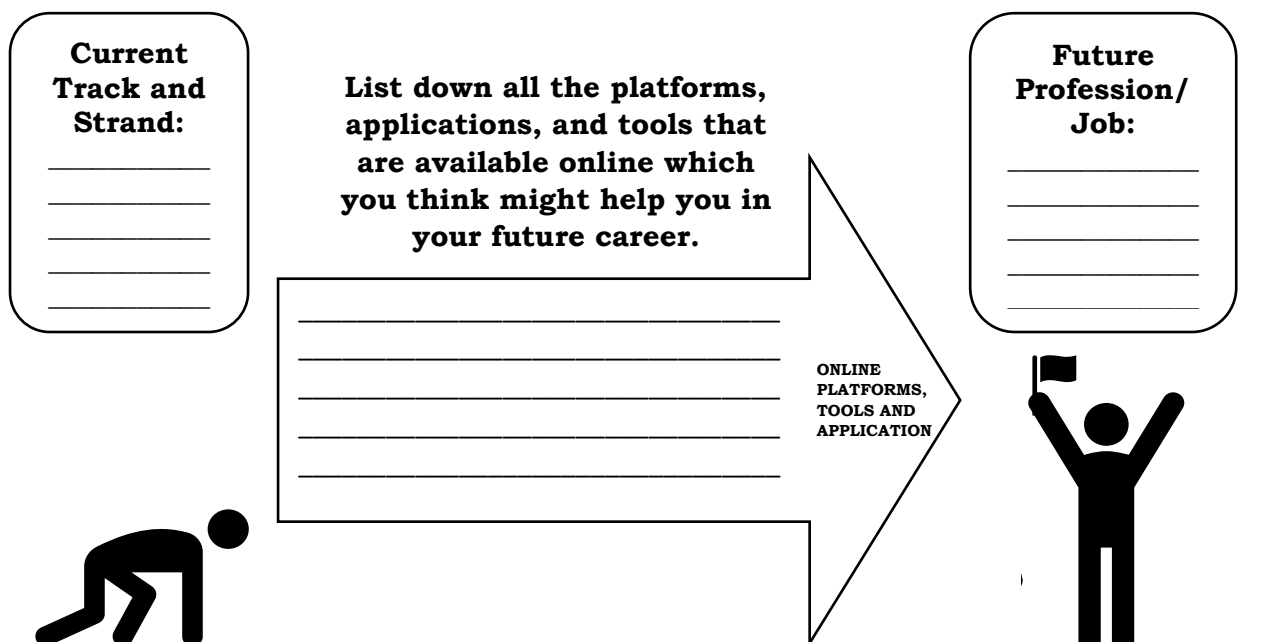
4. In what ways do these online platforms help you?

_____

_____

What's New

TRACK YOUR FIELD

A. Directions: Copy and answer the diagram on a separate sheet of paper.

Current Track and Strand:	List down all the platforms, applications, and tools that are available online which you think might help you in your future career.	Future Profession/ Job:

ONLINE PLATFORMS, TOOLS AND APPLICATION

B. Directions: Read and answer the questions below in a separate sheet of paper.

1. Why did you choose those platforms, tools, and applications?
   _____
   _____
   _____

2. How would these platforms, tools, and applications help you in your future career?
   _____
   _____
   _____

Did you know that there are more online platforms and applications available on the internet that can help you be better on developing ICT content for your chosen track as well as to your future career?

What is It

Expertise in your professional track will be significantly enhanced if you know how to develop ICT content. Today in the digital age, most tasks in the different fields or jobs involve the function of applications and platforms through the internet. Having knowledge and skills in using and utilizing platforms and applications into one's field of specialization is a great advantage to those who do not.

But what are platforms? How do these differ from applications? How will these help you develop ICT content? What are the existing platforms and applications that are available online that can help you create ICT content for a specific purpose?

ONLINE CREATION TOOLS AND APPLICATIONS

Online creation tools and applications have a blurry distinction in the definition. An application is usually understood to be a larger, more complex piece of software, whereas a tool typically is designed for a specific use case. This distinction is blurry, though, as some tools are very versatile and powerful while some applications are comparatively simple and with limited versatility.

But one thing is for sure, both online creation tools and applications are *computer programs that utilize web browsers and web technology to perform tasks over the internet.* They are like word processors or paint applications on your computers, but this time, they are operating on the internet.
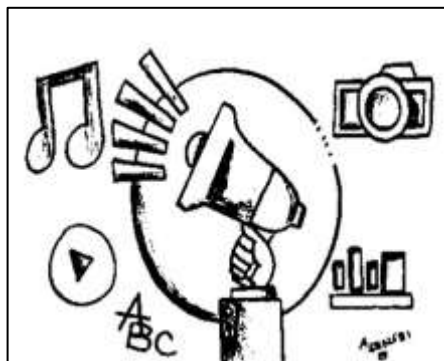
There are lots of existing online tools and applications in the world wide web, from online forms, shopping carts, word processors, spreadsheets, video and photo editing, file conversion, file scanning, and email programs such as Gmail, Yahoo, and AOL.

EXISTING ONLINE CREATION TOOLS AND APPLICATIONS FOR SPECIFIC PURPOSES

These online creation tools and applications currently include, but are not limited to:

Audio and Visual Content Creation Tools and Applications

A. **Audio:** These tools and applications allow users to create, edit, trim, remix, and publish kinds of music and sounds.

Examples:
1. Hobnox Audiotool
2. Twisted Wave Audio Editor
3. Audi Trimmer

B. **Infographics:** These tools and applications give users the chance to create a creative and stunning infographic.
Examples:
1. Creately
2. Piktochart
3. Canva

C. **Video:** These tools and applications allow users to edit and create videos online.
Examples:
1. Powtoon
2. WeVideo
3. YouTube Video Editor

D. **Presentations:** These tools and applications let the users utilize images, videos, and graphics on their presentations to get into the minds of their target audience.
Examples:
1. Prezi
2. Haiku Deck
3. Emaze

E. **Memes:** The Internet is full of colorful images and videos because audiences love them and sharing them. Memes get copied and spread rapidly. These applications and tools make meme creation easier.
Examples:
1. Imgur
2. Rage Comic Generator
3. QuickMeme

Online Offices

These applications and tools are word processors, spreadsheets, slides, and survey forms that work in cyberspace.
Examples:
1. Google doc, sheets, slides
2. Google Forms
3. Microsoft Office 365
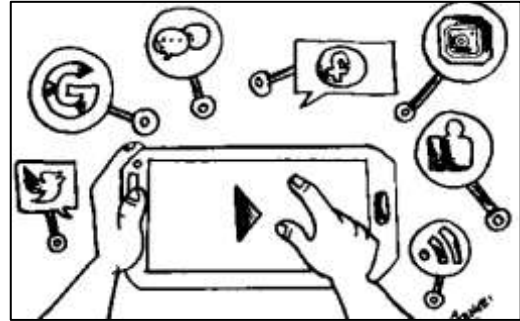4. Microsoft Forms

Content Management System (CMS)

CMS is an application that allows the user to publish, edit, manipulate, organize, and delete web content. Most webpage creation platforms are using CMS to develop ICT content for a specific purpose.

On the next module, you will learn more about CMS and the basics of web design principles and elements.

ONLINE PLATFORMS

There are some online applications and tools that are integrated within one place. For example, Facebook messenger is a communication tool provided by Facebook that makes calling and texting services possible for its users. Aside from Facebook messenger, there are also other tools and applications in Facebook that cater different needs and services of its client, such as photo organizing, poll creation, video streaming and many more. All these tools and applications have been systematically and strategically put into one place, which is Facebook.

Facebook is an example of an online platform. Therefore, we can say that **online platforms** combine all tools into one place and system for efficient processes and faster accomplishment of different tasks. Online applications and tools are different from online platforms in the sense that they only get one part of the job.

For a more straightforward illustration, online platforms can be compared to a car, and its primary purpose is to travel to a destination. In comparison, the applications and tools can be viewed as the tires for moving, steering wheel for directing, and exhaust for emitting smoke from combustions. These tools and applications are working together on one platform to serve a purpose.

Online platforms can also be defined as **digital services** that enable collaboration between two or more different but interdependent groups of users who interact through the **internet**. Online platforms allow users to develop ICT content to connect, communicate, and collaborate with other users in the online world. For example, Facebook is one of the most popular online platforms, that is not only used for finding friends or relatives but also has evolved as a place for marketing business. Many business-minded people have taken the interactions happening in Facebook advantage for the promotion of their products and services for free.

EXISTING ONLINE PLATFORMS

Online platforms are categorized according to the services they provide. Currently, the categories of online platforms are listed below but not limited to, the following:

A. **Presentation/ Visualization:**
   These are online platforms that let you showcase and share presentations, infographics, and videos with other people.
   Examples:
   1. Prezi
   2. Zoho
   3. Slide Shares

B. **Cloud Computing**

This type of platform allows you to upload, download, organize, and store files on the online storage, which is called cloud instead of using offline storage like a computer desktop. Here, users can share and even collaborate files with other users.

Examples:
1. Google Drive
2. Dropbox
3. OneDrive

C. **Social Media**

These are interactive online technologies that enable the creation or sharing of information, ideas, career interests, and other forms of expression through virtual communities and networks.

Examples:
1. Facebook
2. Twitter
3. Instagram

D. **Mapping**

This online platform provides detailed information about geographical regions and sites around the world. It allows the embedding of maps into proprietary sites.

Examples:
1. Google Maps
2. Bing Maps
3. Wikimapia

E. **File Management**

This online platform allows you to convert and manage files like images, videos, documents, audio, and more to other formats without downloading a software tool.

Examples:
1. Zamzar
2. Word2pdf
3. CloudConvert

F. **Web Page Creation**

It is an online platform that lets you build a web page that includes colors, texts, images, and often contains links to media such as video and audio.

Examples:
1. WordPress
2. Wix
3. Weebly

NATURE AND PURPOSE OF ONLINE PLATFORMS AND APPLICATIONS

In the latter part of the 20th century, creating an online platform like a webpage or a website had required a skillful mind regarding computer programming. Only those who possessed superior knowledge on computer codes were the ones who

could create a web page or web site, and yet their creations were not that exciting and convincing compared to what we have today.

At present, it is very much convenient to create textual and visual parts in creating ICT contents. Even a high school learner with necessary skills, even without superior knowledge on computer programming, can develop and construct creative ICT contents that are fun and interactive to users. Moreover, web pages or websites have evolved into tools and platforms useful for discovery, communication, creation, and co-creation.

Another good point for online applications and platforms is their convenience. Since they are online, they are available to the users anytime and anywhere if they are connected to the internet.

They are less hassle and easy to use compared to desktop applications since they do not require installation on computers since they are web-based. They consume almost no storage in your computer since most of your creation will be saved on clouds.

WHICH ONLINE PLATFORMS AND APPLICATIONS WILL YOU CHOOSE?

Always remember that there is no existing superior online platforms and applications. Its productivity and efficiency are dependent on the purpose as well as the knowledge and skills of the users. To help you decide which online platforms and applications are suited for you, you should consider the following:

a. **Address Specific Purpose:** In choosing online platforms and applications, make sure that they have features that are fitted to your needs. They should help you create content that you wanted to develop.

b. **Easy to Use:** Good platforms and applications must have a friendly interface. It means that you can easily understand, manipulate and use its different features.

c. **Collaborative Features:** As much as possible, choose platforms and applications that promote collaboration. Aside from the fact that collaboration makes tasks easier and faster to accomplish, better content will be developed if it is thought and worked on by more than one brain.

d. **Browser Support:** You need to ensure that a variety of browsers supports your chosen online platforms and applications.

e. **Content Security:** Any platforms or applications must guarantee the security of users' data—for instance, features of content privacy or the ability to delete content.
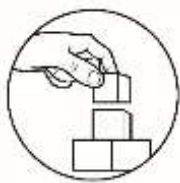
What's More

ACTIVITY 1: WHAT'S MY CATEGORY?

Directions: Determine the category of the following online platforms. Write **PV** if it is a Presentation/ Visualization Platform; **CC** if it is a Cloud Computing Platform; **SM** if it is Social Media Platform; **MP** if it is Mapping Platform; **FM** if it is a File Management Platform; and **WP** if it is a Web Page Creation Platform. (Note: Search the net for the unfamiliar platforms.)

1. Evernote
2. Facebook
3. Prezi
4. Slideshare
5. Twitter

6. Wikimapia
7. Wix
8. Word2pdf
9. WordPress
10. Zamzar

ACTIVITY 2: HUNTING GAME

Directions: Hunt or search the internet and find other online platforms (aside from the given examples) that belong to the following types given at the table. Give at least one (1) for each type, then complete the table below.

Types	Presentation/ Visualization	Cloud Computing	Social Media	File Management	Mapping	Web Page Creation
Name of the Online Platform						
Brief Description						
Web Address						
How will it help you develop ICT content related to your track?						

ACTIVITY 3: WHAT TO USE?

Directions: Identify the type of online platform that should be used in each situation below. Choose your answer from the box. (Note: Some items may have multiple answers)

➢ Presentation/ Visualization	➢ Cloud Computing	➢ Web Page Creation
➢ Social Media	➢ File Management	➢ Mapping

_____ 1. Larry wants to sell his product to a greater number of customers.

_____ 2. Heidi wants to organize a grand reunion for her former classmates.

_____ 3. Lui has a PDF file, and he wants to convert it into word document format.

_____ 4. April will be discussing her slide presentation about Philippine History online.

_____ 5. Teacher Jane is instructed to create a school locator map that will be posted online.

_____ 6. Terry wants to campaign her advocacy about gender equality through blogging.

_____ 7. Corazon wants to share her memorable Boracay travel experience to her followers.

_____ 8. John wants to inform people about the location of his newly built restaurant.

_____ 9. Cristy wants to create an infographic that discusses safety measures during an earthquake.

_____ 10. Andrei has a load of files on his desktop and wants to organize them in folders and save them online.

What I Have Learned

Directions: Answer the following questions.

1. What is the nature of online platforms and applications?
   _____
   _____
   _____

2. How do online platforms differ from applications?
   _____
   _____
   _____

3. What should we consider in choosing online platforms and applications in creating ICT content for specific purpose?
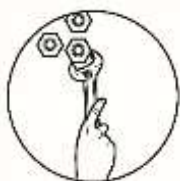   _____
   _____
   _____

4. Think of an ICT project that is related to your track. What are the different online platforms and applications you need to use to accomplish the project?
5. _____
   _____
   _____

What I Can Do

Directions: Choose one (1) of the topics below and write a 100-word reflection about it. Post your output on your social media account. Notify your teacher about your post for checking. Your reflection will be graded with the given rubric.

1. Which online platform/s or application/s is/are most useful to your chosen strand/track? How will this/these online platform/s and application/s help you in your chosen career?
2. Is there a single superior online platform or application? Justify your answer.

REFLECTION RUBRIC

Criteria	Poor 1 pts	Fair 2 pts	Good 3 pts	Excellent 4 pts
Depth of Reflection	Writing demonstrates a lack of reflection on the selected topic, with no details.	Writing demonstrates a minimal reflection on the selected topic, including a few supporting details and examples.	Writing demonstrates a general reflection on the selected topic, including some supporting details and examples.	Writing demonstrates an in-depth reflection on the selected topic, including supporting details and examples.
Required Components	Writing does not include the required components of the selected topic.	Writing includes a few components of the selected topic.	Writing includes the required components of the selected topic.	Writing surpasses the required components of the selected topic.
Quality of Information	The information has little to do with the main topic.	The information clearly relates to the main topic. No details and/or examples are given.	The information clearly relates to the main topic. It provides 1-2 supporting details and/or examples.	The information clearly relates to the main topic. It includes several supporting details and/or examples.
Structure & Organization	Writing unclear, disorganized. Thoughts make little to no sense.	Writing is unclear, and thoughts are not well organized. Thoughts are not expressed in a logical manner.	Writing is mostly clear, concise, and organized with the use of excellent sentence/paragraph structure. Thoughts are expressed in a logical manner.	Writing is clear, concise, and well organized with the use of excellent sentence/ paragraph structure. Thoughts are expressed in a logical manner.

Adapted from: https://www.rcampus.com/rubricshowc.cfm?sp=yes&code=L34935

Assessment

Directions: Choose the correct answer for each question. Write the letter of your answer on a separate sheet of paper.

1. Which of the following is an example of a file management platform?
   a. Google Drive
   b. Wikimapia
   c. Word2pdf
   d. Zoho

2. What application is used in web page creation?
   a. Calculator
   b. Cloud Computing
   c. Content Management System
   d. Word Processor

3. It is an online web technology where tools and applications are integrated for a more efficient and faster accomplishment of different tasks in one place. What is it?
   a. Online Applications
   b. Online Videos
   c. Online Platforms
   d. Online Tools

4. Which of the following online applications must be used to create a document in the internet?
   a. Microsoft Office 365
   b. Google Classroom
   c. Mindmeister
   d. Emaze

5. Which of the following is an example of a presentation/visualization platform?
   a. OneDrive
   b. Tumblr
   c. Zamzar
   d. Zoho

6. Which of the following platforms can be used for online community connections and networking?
   a. Dropbox
   b. Evernote
   c. Facebook
   d. Weebly

7. Which type of online platform will you use if you want to back up your file in your computer to the online storage?
   a. Cloud Computing
   b. File Management
   c. Mapping
   d. Social Media

8. Which of the following is NOT a purpose of online platforms?
   a. repairing computers
   b. sharing information
   c. organizing files
   d. market place

9. Which of the following is not true about online creation tools and applications?
   a. They perform specific task.
   b. They do not require installation on computers.
   c. They are combination of different technologies that are set in one place.
   d. They can be accessed anytime and anywhere if the user is connected to the internet.

10. Which of the following is the best platform to use if you want have an advocacy campaign about the advantages and benefits one can get from your current track and strand?
    a. Social Media   c. File Management
    b. Mapping   d. Presentation/ Visualization

11. Which platform should be used if you wanted to convert a file to another format?
    a. Cloud Computing   c. File Management
    b. Mapping   d. Presentation/ Visualization

12. Which of the following is the priority in choosing online creation tools, platforms, and applications for ICT development?
    a. Affordability   c. Popularity
    b. Appearance   d. Security

13. Which situation will be best addressed by social media platforms?
    a. Grace wanted to connect to her distant relatives in the province.
    b. Ramon's boss asks him to create a jingle for their new bread product.
    c. Dona will have to present a business proposal next week for her client.
    d. Aldrin wanted his gym's location be easier to find by his potential client.

14. Which situation is suitable if a person will be using google form?
    a. Editing videos for instructional Zumba.
    b. Mixing music for the cultural dance presentation.
    c. Surveying people about their preference in visual arts.
    d. Creating infographics about the importance of wearing face mask.

15. Which of the following is NOT true about online platforms?
    a. Online platforms can be a marketplace.
    b. Online platforms are run by several applications.
    c. Online platforms are fixed and cannot be modified.
    d. Online platforms interact between two or more users.

Additional Activities

My Future Laptop

Directions: Draw the icons of the different platforms and applications that will likely appear on the desktop of your laptop five years from now. You can draw as many as you want. Then, answer the following questions below.
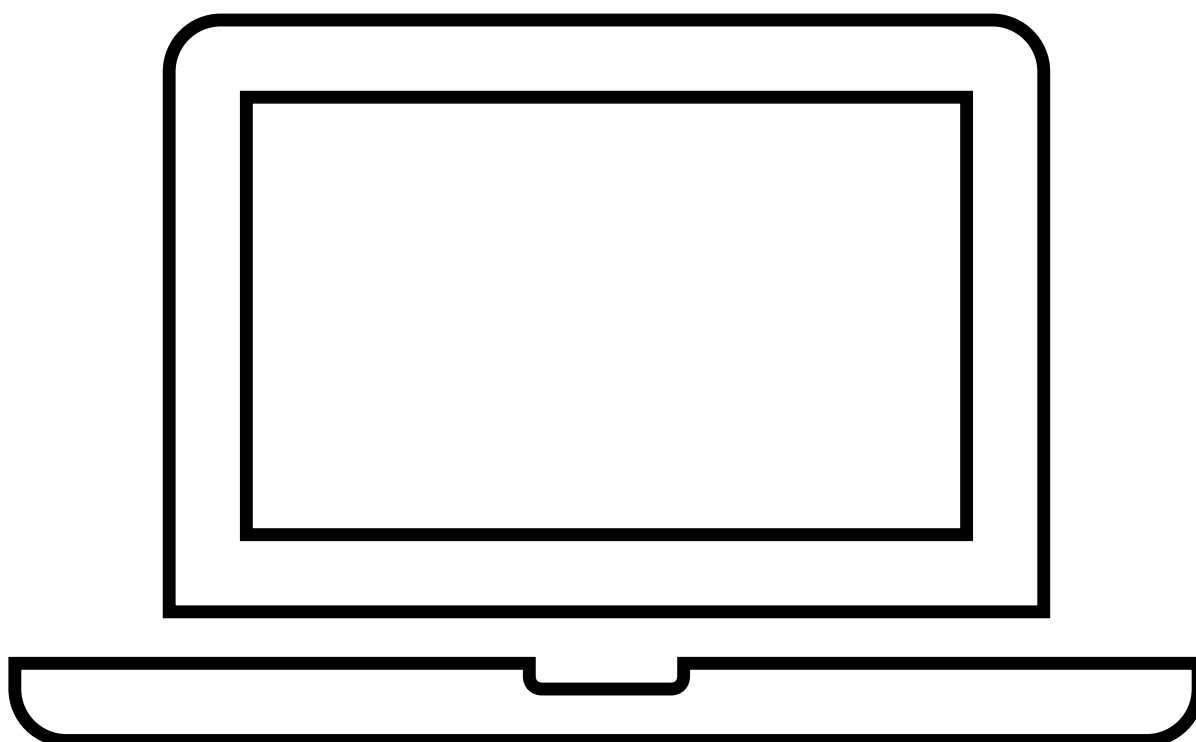
1. Why did you choose these online platforms and applications?

2. If you were to invent your own online platform or application, what would you name it and what does it do? Give at least one.

3. Draw the icon of your invented online platform or application to your future laptop.

Answer Key

What I Know	What's More	Assessment
1. d	**Activity 1**	1. c
2. c	1. CC	2. c
3. c	2. SM	3. c
4. d	3. PV	4. a
5. c	4. PV	5. d
6. c	5. SM	6. c
7. a	6. MP	7. a
8. a	7. WP	8. a
9. c	8. FM	9. c
10. a	9. WP	10. a
11. d	10. FM	11. c
12. a		12. d
13. d	**Activity 2**	13. a
14. c	1. Social Media / Web Page	14. c
15. c	Creation	15. c
	2. Social Media	
	3. File Management	
	4. Presentation / Visualization	
	5. Presentation / Visualization	
	6. Social Media / Web Page	
	Creation	
	7. Social Media / Web Page	
	Creation	
	8. Mapping	
	9. Presentation / Visualization	
	10. File Management	

CO_Q1_Empowerment Technologies SHS
Module 8

References

Innovative Training Works, Inc. 2016. *Empowerment Technologies: Innovative Training Works, Inc.* Manila City, Philippines: Rex Book Store, Inc. (RBSI).

Yuvienco, Joel C. 2016. *Empowerment Technologies Reader.* Quezon City, Philippines: Department of Education.

Gibb, R. (2016, May 31). Retrieved July 14, 2020, from Stackpath: https://blog.stackpath.com/web-application/

Kaushal, N. (2015, February 9). *14 Online Tools for Visual Content Creation.* Retrieved from Click Z: https://www.clickz.com/14-online-tools-for-visual-content-creation/27235/

Online References for the Online Platform's Icons:

Retrieved from https://maps.google.com

Retrieved from https://twitter.com

Retrieved from https://www.dropbox.com

Retrieved from https://www.facebook.com

Retrieved from https://www.instagram.com

Retrieved from https://www.prezi.com

Retrieved from https://www.wordpress.com

Retrieved from https://www.youtube.com

Retrieved from https://www.zamzar.com