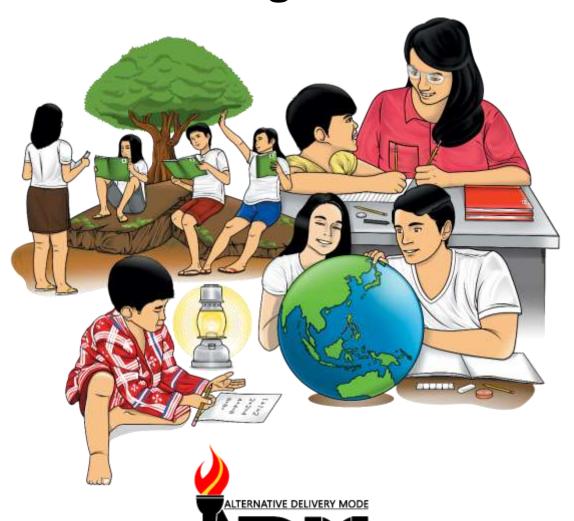


Empowerment Technologies

Quarter 2 – Module 20: Reflecting on the ICT Learning Process



CO_Q2_Empowerment Technologies SHS Module 20

SHOT LONG SALL

Empowerment Technologies- Senior High School Alternative Delivery Mode Quarter 2 – Module 20: Reflecting on ICT Learning Process First Edition, 2020

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Empowerment Technologies

Quarter 2 – Module 20: Reflecting on the ICT Learning Process



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-bystep 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 will help you realize the importance of ICT in our daily lives. It will discuss the effect of ICT in communication, education, and business as it brings a major contribution to society and you as an individual.

The module mainly focuses on one lesson:

• Lesson 1 – ICT, the Self, and Society

Learning Competencies and Codes

Create a reflexive piece or output using an ICT tool, platform, or application
of choice on the learning experience undergone during the semester.
CS_ICT11/12-ICTPT-Ie-f-6

After going through this module, you are expected to:

- 1. identify the positive and negative impact of learning ICT and its effect on society;
- 2. assess your progress based on the level of ICT skills you have learned on the application of different ICT platforms; and
- 3. create a reflexive piece on how ICT empowers a person that leads to a significant contribution to society using any of the ICT platforms.



What I Know

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

1.	Which	of	the	following	refers	to	the	ability	and	skills	of	understanding
	creatin	g, a	and e	evaluating	ICT pr	oce	ssesi)				

A. Digital Composition

C. Digital Illiterate

B. Digital Divide

D. Digital Literate

- 2. Which of the following does **NOT** describe the role of ICT in society?
 - A. It gives life to economic growth.
 - B. It creates collaboration using different online platforms.
 - C. It manipulates people on how we interact with technology.
 - D. It helps with the transmission and accessibility of information in every part of the world.
- 3. ICT affects many groups and organization positively and negatively. What is the benefit of ICT in the industry?
 - A. People are still relying on the traditional ways of delivering the message to make it more effective.
 - B. ICT enables them to communicate with the leaders, buyers, sellers, and workers instantly using different media platforms.
 - C. The use of media can be a distraction for every worker as they cannot focus on their job instead of giving their full-time service.
 - D. There is no significant difference in the delivery of information because it is more meaningful to have a face-to-face communication.
- 4. Which of the following refers to the gap of an individual that hinders him from gaining access to ICT?

A. Disconnected

C. Internet Gap

B. Digital Divide

D. Internet Problems

5. Which of the following refers to online buying and selling of goods or services?

A. Buy and Sell

C. Lazada

B. E-commerce

D. Online Selling

6. The use of ICT brings hope to continue businesses and most jobs despite the pandemic. Which of the following ICT platforms be mostly use in communication for work from home schemes?

A. Cinemo

C. Google Meet

B. Instagram

D. Spotify

- 7. Which of the following can be a risk for an online consumer to get their billing information without permission and use it to commit fraud?
 - A. Identity Theft

C. Plagiarism

B. Libel

- D. Swindling
- 8. What is the most in-demand way of posting an advertisement for small entrepreneurs nowadays?

A. Email C. Social Media
B. Market D. Television

- 9. Which of the following statement does **NOT** support the learning gap in ICT education?
 - A. The government agency only selects which ICT platform can be used by our learners.
 - B. Some students do not have enough access to ICT due to poor socioeconomic status.
 - C. Internet Service Provider lacks facilities or sites to develop stable internet connection in some rural and urban areas.
 - D. There are still digital immigrants where they need to be literate in managing emerging technologies as this digital era rise continuously.
- 10. What does fraudulent activity mean?
 - A. An unlawful act of deceiving a person in return of taking advantage of a person or financial gain
 - B. An act of imitating a person's activity to deceive people
 - C. An act of copying or imitating signature and use it for own interest
 - D. A non-violent crime committed by a group of people or companies.
- 11. Which of the following is NOT a disadvantage of ICT in E-commerce?

A. System Security

C. Low Cost

B. Product Guarantee

D. Bogus Buyers

- 12. Which of the following can be used as an online collaborative tool in learning?
 - A. Pinterest

C. Wix

B. Microsoft Teams

D. WordPress

13. Which of the following is NOT a cybercrime issue?

A. Burglary

C. Fake News

B. Fraud

D. Phishing

- 14. Why would some people likely to buy online?
 - A. People want to be trendy.
 - B. It is more convenient and effortless than traveling to the store.
 - C. They can take more discounts using their credit card.
 - D. It can be an advantage for concession abuse, keeps on asking for a refund and replacement of items.
- 15.ICT influences our lives even in small setting. Which of the following platforms is NOT commonly use in education?
 - A. Edmodo

C. Tumblr

B. Kahoot

D. Microsoft Teams

Lesson

ICT, the Self, and Society

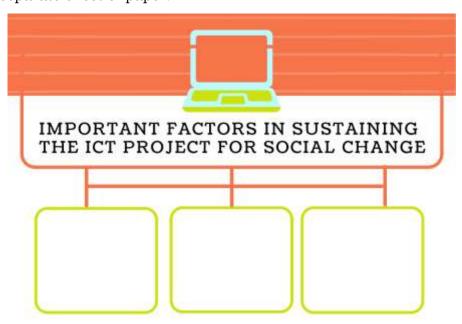
Information and Communications Technology (ICT) plays a crucial role in the development of our society. It gives convenient access to every part of the world in different settings. It is the era of what we are living now and the thing that will be harder to live without. ICT gives a tremendous advantage of saving time and effort, especially in times of crisis like a pandemic. People nowadays are shifting and upgrading their skills in ICT because they see it as an opportunity to grow and to cope up with the innovations, so they won't be left behind.



What's In

You have learned that it is essential to maintain and sustain the effectiveness of ICT platforms you are using to gauge the trends in society. You must keep up to date information and manage messages properly to avoid confusion or miscommunications with the client.

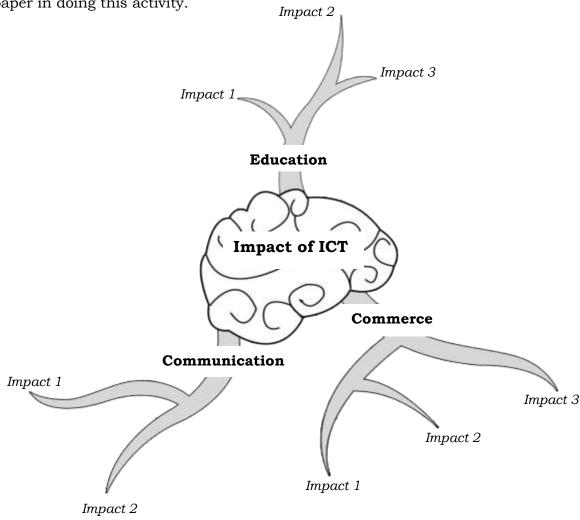
Directions: Using the graphic organizer below, write at least 3 important factors in sustaining an ICT Project for Social Change and explain its importance briefly. Do this in a separate sheet of paper.





What's New

Directions: In this mind map activity, you need to branch the benefits of ICT in different sectors of the government. You may add more branches for the sub-topic if required. Write a short description of the impact at the end of its stem. Use a separate paper in doing this activity.





What is It

Impact of ICT, the Self, and Society

Information and Communications Technology (ICT) has an immense impact on humanity. It covers all developing sectors to improve their service, lifestyle, and as the basis of economic growth. However, these impacts may seem to have both advantages and disadvantages despite its progress. How can the process of ICT change your view in the sectors below?

Sector	Potentials of ICT	Challenges
1. Communication	• Information can be	• The benefit of ICT when it
It is the most crucial part of the role of ICT in the delivery of accurate instructions in many forms.	distributed and accessed easily through various modes like:	comes to distant communication may not be accessible to some people, organization, or community due to several factors like socioeconomic status, government rules, cultural norms, or place restrictions. • Digital Divide is a term used that hinders them from gaining access to the information due to the unavailability of technology.
2. Education	• These platforms may	Teachers and students
It is not only a trend but a call to take advantage of the ICT platform in distant education, as Sec. Leonor Magtolis Briones said that "Education must continue" despite the crisis the Philippine is experiencing. Our department and government are doing their best to support distance learning.	include but not limited to: • use of Learning Management System (LMS) such as Google classroom • create or send online presentations, collaborative tools, • use of social media, • create website, or • publish journals online • use of e-portfolio	may need to shift or transfer their traditional way of learning to the online delivery platform to continue education. This can also be a challenge for teachers and learners who may need to equip and be knowledgeable in manipulating the said platforms to achieve its goal.

Sector	Potentials of ICT	Challenges
Education	• Students will have more	• Social interaction is
	opportunities to access	different than in a face-
	information through the	to-face delivery mode.
	world wide web than	
	those who are in	
	modular instruction.	
3. E-Commerce	• E-commerce has	There are disadvantages of
It is said that business	immensely evolved where	e-commerce when it comes
is the blood of the	the approaches in buying	to consumer's product
economy. ICT plays a	and selling goods,	guarantee and online data
vital role when it comes	products, and even	security.
to e-commerce, where	services are now available	
most of the jobs	online. E-commerce has	• Consumers must be
operate using different	become popular since	cautious in making
technologies.	there are different	transactions with
	platforms available and	unauthorized seller
	accessible for most online	online. Fraudulent
	users and markets.	activities like identity
		theft and hacking may
	• Online advertisements	be at risk. Hence it is
	can be created and	suggested to be vigilant
	posted quickly by linking	in every transactions
	to other websites. One of	made online by visiting
	the in-demand postings	trusted and a secured
	of ads is the use of social	website.
	media.	

Writing a Reflection Piece using Blogger Site

There are number of ways how you can share your thoughts and experiences in plenty of ICT online platforms as what you have also learned in the previous lessons. But let me share you one of the ways where you can also post your insights and use this platform in our activity later.

Steps in Creating a Blog

1. Open a browser and sign in to *www.blogger.com* using your Gmail account then click Create your Blog button.



2. A dialog box will appear for the name of your blog. Add a title for your blog then click *Next*.



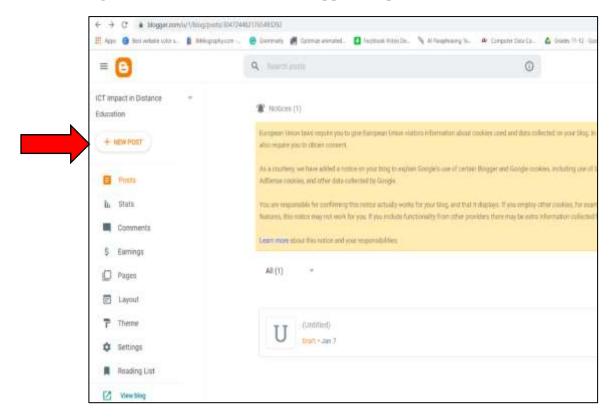
3. Type the URL or address for your blog where your audience can reach you then click *Next*.



4. Type your preferred Display Name and click Finish.



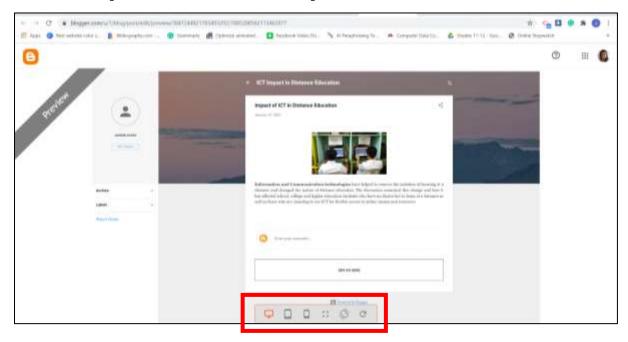
5. Once you have set-up or prepared your page, you may now create a post by clicking the *New Post* button on the upper left pane.



6. Type your desired title for your blog and the body for your content. Just like in MS Word and any other word processing application, you can format the text and layout your own design in this website. After you write the contents for your blog, modify the settings on the right pane, preview it and click Publish once you are done.



7. Here is what it looks like when you click the preview button. You can view it in computer, tablet, and in mobile phone mode.





Activity 1. ICT Development Self-Assessment Checklist

Let's see how far you have learned and become a part of the success of ICT development in society.

Directions: Using the ICT Development Checklist, rate yourself on how well your skills have progressed using the various ICT platforms. Place a check (/) on the column that best suits your skills perception of each platform.

Legend:

5 – Expert **4** – Advanced **3** – Proficient **2** – Developing **1**- Novice

ICT Development Checklist	Level of Skills Acquired					
Platforms	5	4	3	2	1	
I. Online Collaborative Tools						
1. Edmodo/ Quipper						
2. Flipgrid/ Kahoot						
3. Skype/ Viber/ Line						
4. Vimeo/ Youtube/ UStream						
5. Google Drive/ OneDrive						
6. Minecraft for Education						
7. Microsoft Teams/ Google Meet/ Google Hangouts/Trello						
8. GoogleChase Edu						
II. Presentation						
1. Prezi/ MS Powerpoint 365/ Slideshare/Mindmeister						
2. Powtoon						
3. Canva						
III. Social Media						
1. Facebook						
2. Instagram						
3. Twitter						
4. Tumblr						

ICT Development Checklist	Le	Level of Skills Acquired					
Platforms	5	4	3	2	1		
5. LinkedIn							
6. WhatsApp							
7. Pinterest							
IV. Web Page Builder							
1. Wix							
2. Weebly							
3. Site123							
V. Blog or Publisher Sites							
1. WordPress.org							
2. Blogger							
3. Tumblr							
TOTAL		120 points					

Compute the total points acquired from the checklist and check the scale interpretation below.

Range	Interpretation	Result
96-120	Expert	Has recognized as a veteran in managing a variety of ICT platforms, which gives a holistic development of ICT in society.
72-95	Proficient	Has mastered and maximized the use of the ICT platform that leads to a significant contribution of information to society.
48-71	Competent	Has a common knowledge and application of different ICT platforms and is capable of contributing information to society.
24-47	Developing	Has an increasing knowledge and skills in recognizing ICT platforms or applications that lead to the contribution of information to society.
0-23	Novice	Has an initial idea and skills to be explored to enhance the capability in developing ICT skills in different platforms.

Activity 2. Reflection

Directions: Reflect on the result you have acquired using the ICT development checklist. Use a separate sheet to do the activity.

What went well?	What went wrong?	What will I do next?



What I Have Learned

You already know the importance of ICT in every individual and contribution to society. Now, it is time for you to reflect on how ICT helps you develop the way you view the world.

Guide	e Questions:				
1.	How can technology change your life and the community?				
2.	How can you become a great contributor to society when it comes to				
	ICT? Briefly discuss your role in developing the technology.				
3.	In the current situation, how do you access information as a student?				
	How will you integrate the use of ICT in your daily life and your chosen track?				



What I Can Do

You have learned a lot of platforms especially on how you can use or post contents in different ICT media during this semester. It's now time for you to choose your most comfortable platform in sharing your insight in this activity.

Directions: Using any of the ICT tools, platforms, or applications you have learned from this semester, create a reflexive piece on how Information and Communication Technology (ICT) empowers you from your area of specialization that leads to a the significant contribution to the society. You can use the guide questions above in creating your piece.

Note: Outputs may be in the form of, but not limited to:

- 1. Video blog
- 2. Presentation or image gallery
- 3. Website
- 4. Illustrated document
- 5. Podcast or webcast

Submit your output to your teacher by giving the link or sending it via any collaboration tools agreed with the teacher.

Use these criteria for evaluation:

5- Excellent **4**- Good

3- Satisfactory **2**- Fair

1- Needs Improvement

Skills	5	4	3	2	1	
1. Creativity used on the chosen platform	Creativity is very high by applying most techniques in manipulative tools, and key features were used.	Creativity is obviously shown by applying some techniques in manipulative tools, and key features were used.	Creativity is simple, where basic manipulativ e tools and key features were used.	Creativity is simple, where few manipulativ e tools and key features were used.	Lack of creativity. A limited number of tools were used in the platform.	
2. Content of Reflection	Establish profound evaluation and connections on the topic given with critical thinking.	Synthesize connections on the given topic with good critical thinking.	Analyze minimum content with a basic understan- ding of the given topic.	A basic understanding of the topic is shown.	Very minimal content with little understan- ding is shown.	
3. Language	Shows consistency of the English language used, wide use of vocabulary, and free from grammatical errors	Shows consistency of the English language used, good use of vocabulary with few grammatical errors	Shows consistency of the English language used, basic vocabulary, with minimal grammatical errors	Shows consistency of the English language used, basic vocabulary, many grammatical errors	Shows inconsistenc y of the English language with poor vocabulary, many grammatical errors	
Total			15 points			



Directions: Choose the letter of the best answer. Write your answer on a separate sheet of paper.

- 1. Which of the following is the advantage of ICT in distant learning?
 - A. Social-physical interaction can be reduced.
 - B. There will be a reduction in physical activities that may lead to some health issues.
 - C. Education can continue at home using collaborative tools and other online applications.
 - D. Our economy will relatively grow due to the demand for technology and internet needs.
- 2. How can understanding and manipulating ICT help transform society?
 - A. When people choose to learn about ICT
 - B. To develop a more comprehensive tool or platform for everyone to use.
 - C. ICT can be helpful for the young and old generation to survive the digital era.
 - D. The proper and strategic use of ICT creates a boundless way of communication and a result of the progression of the economy.
- 3. Why is business called the "blood of the economy"?
 - A. It always starts with a capital.
 - B. It gives a livelihood for low-income earners.
 - C. It is where and how people make money through selling goods or services.
 - D. It can build projects by the government using the taxes collected in every business transaction.
- 4. Which part of the business does ICT play an important role?

A. E-commerce

C. Barter

B. Gambling

D. Market selling

5. ICT has a significant role in communication, as it accurately transmits information. Which of the following mode can be the LEAST platform to use in communication?

A. Advertisement

C. Text Message

B. Chat

D. Snail Mail Letter

- 6. The use of ICT helps in distance learning in many ways. Which of the following statement is NOT true on its advantage?
 - A. Dependability on the technology may arise and have an additional burden on the cost of the production.
 - B. It creates social interaction among teachers, friends, and other groups of people for collaboration despite the distance.
 - C. There are various platforms to be used if tools and equipment are available, including internet connection.
 - D. Technological programs and platforms can mainly use in the delivery of instruction and a wide range of information to search by the learners.
- 7. As a student, what can be your contribution to society towards ICT development?
 - A. To stay safe against hackers and other cybercrime-related issues.
 - B. To be informed on the updates of technology in the industry.
 - C. By keeping updated and posting on social media and publishing sites
 - D. The manner of creating, designing, and manipulating ICT tools by sharing what you know and utilizing the platform properly
- 8. Why some people could not see the opportunity to learn and utilize ICT?
 - A. They are afraid to learn new things.
 - B. It is not their interest to use ICT in their lives.
 - C. Some barriers limit the capacity to learn and utilize ICT due to socioeconomic factors.
 - D. They do not see any signs of relating and utilizing ICT in their work.
- 9. Innovation in ICT helps reduce the task of the human workforce by saving time and energy. What does innovation mean?
 - A. It is an old idea that transforms into reality.
 - B. It is a solution to the problem of the modern world.
 - C. It is the production of other goods and services.
 - D. It is a process where a new idea or method is invented to derive a solution.
- 10. Many online platforms can be used by educators and learners in teaching. Which of the following web-based applications can be beneficial for distance learning?

A. Instagram
C. Twitter
B. Facebook
D. Viber

- 11. Why do industries need to innovate the use of ICT?
 - A. It opens new job opportunities.
 - B. It matches the need of the industry.
 - C. It saves more money from the laborer.
 - D. It increases the productivity rate at work.

12. Reading enhances our mental and psychological processes. It helps us to explore the world we do not physically see and makes us creative and smarter. Which of the following application or site has the LEAST support the reading and research development of learners in distance education?

A. FB Reader

C. Open Library

B. Google Books

D. Wattpad

13. Communication enables people to express their feelings or idea, transfer information, and promote interest. Which of the following is NOT the role of ICT in communication?

A. Cybercrime

C. Media

B. Entertainment

- D. Telecommunication
- 14. What is the major impact of cybercrime on the economy?
 - A. It may attract more hackers to do cybercrime.
 - B. It may cause cyberbullying to some people.
 - C. It will demand the creation of online security applications.
 - D. It may result in the loss of revenue and damage to the company's reputation.
- 15.ICT in education gives hope and impact for students who cannot attend school physically due to some factors. Which of the following can be the advantage of distant learners using ICT?
 - A. Answering worksheet and modules.
 - B. Doing practical exams at home.
 - C. They can ask their parents for help and support.
 - D. Researching, sending of files, audios, videos, and presentations online using a PC or smartphone.



Additional Activities

Information and Communications Technology (ICT) continuously shape the future and how society will be developed. The improvement of ICT may vary depending on the situation and resources of once location.

Share your reflection piece about the impact of ICT in our daily living especially in this time of crisis and have it checked by your teacher before posting it in any of the social media like Facebook, Twitter, or Instagram. Let the world know how ICT has positively changed your view. It might encourage them to learn new things and innovate their old ways and perspective in life using ICT. Let them inform, share what you know, and teach the new ways to have a progressive society.



Answer Key

References

"Blogger.Com - Create a Unique and Beautiful Blog. It's Easy and Free." n.d. Blogger.Com - Create a Unique and Beautiful Blog. It's Easy and Free. Accessed January 7, 2021. https://www.blogger.com/about/?bpli=1.

Dickard, Norris. 2002. "The Digital Divide: Where We Are | Edutopia." Edutopia. George Lucas Educational Foundation. July 1, 2002. https://www.edutopia.org/digital-divide-where-we-are-today.

Mokashi, A.S., 2017. "Role of ICT in E-Commerce Business in Developing Countries." *Pune Research Discovery*, October.

"The Social Impact of ICT - Ericsson." n.d. Ericsson.Com. Accessed June 10, 2020. https://www.ericsson.com/en/reports-and-papers/networked-society-insights/social-business/social-impact-of-ict.

Martino, Nicholas, and TeachTaught Staff. 2019. "30 Of The Best Digital Collaboration Tools For Students -." TeachThought. http://www.facebook.com/teachthought. June 9, 2019. https://www.teachthought.com/technology/12-tech-tools-for-student-digital-collaboration/.

D'Angelo, Matt. 2018. "9 Presentation Tools to Engage Your Audience - Business News Daily." Business News Daily. businessnewsdaily.com. July 23, 2018. https://businessnewsdaily.com/6525-business-presentation-tools.html.

"75+ Social Media Sites You Need to Know in 2020." 2019. Influencer Marketing Hub. https://www.facebook.com/Influencer-Marketing-Hub-201973210232423/. May 2, 2019. https://influencermarketinghub.com/social-media-sites/.

"11 Best Free Website Builders: The Definitive List (June 20)." 2018. Website Builder Expert. Websitebuilderexpert.com. January 19, 2018. https://www.websitebuilderexpert.com/website-builders/best/free/.

Huitt, W. n.d. "Educational Psychology Interactive: Stages of Mastery." Educational Psychology Interactive. Accessed June 12, 2020. http://www.edpsycinteractive.org/topics/intro/preservice/stgmstry.html.

Yuvienco, Joel. 2017. Empowerment Technologies Student Reader. First Edition, 2017. Department of Education.

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