

EMPOWERMENT TECHNOLOGIES

(Quarter 1 – Week 1)

EXPLORE

1. A
2. C
3. A
4. B
5. D
6. B
7. A
8. C
9. D
10. B

ENGAGE

PLATFORMS	NAMES OF WEBSITES	DESCRIPTION
Presentation Visualization or	PREZI	Is an online presentation website tool that takes an alternative approach to slides and presentation.
Cloud Computing	AMAZON	Is a subsidiary of amazon (a leading company in e-commerce)
File Management	PDF element	Is one of its kinds in features , manageability , and ease of use.
Mapping	EarthaMaps , Google Maps , MapQuest , Maps on Us , Microsoft's , ViaMichelin , Yahoo!	Is making a map , or a matching process where the points of one set are matched against the points of another set.
Social Networks	Facebook , Instagram , facebook messenger , and twitter , pinterest , Tumblr , snapchat , tiktok and Youtube.	Is a website that allows people with similar interests to come together and share information , photos and videos.
Social News	Diggs , reddit , delicious , grow news , newsvine	A social news website is a website that features user- posted stories.
Microblogging	Twitter , tumblr , plurk , twister , soup.io , gab ,	Blogging done with severe frequent brief

	reddit , micro.blog , vk , plerb	messages about personal activities.
Blogs and Forums	Wordpress.org , wordpress.com , wix.com , joomla.com , medium.com , ghost.org , squarespace.com	Blogs are full of posts and comments , created by authors , organized into categories. Forums are full of topics and comments created by members , organized into different sub-forums.

- Technology can do anything because it can use phones, televisions, and other forms of communication, but it also has its own set of benefits and drawbacks. Anxiety and despair are two of the hazards of technological dependence. Anxiety and depression, as well as other mental health issues, have been related to excessive usage of mobile devices. This is taking a toll on our mental health, whether it's from others, social media demands, the rise of cyber bullying, or the bright phone screen that disrupts our sleep.
- All of this is possible because to learning platforms, which also provide a way for students and teachers to keep track of their progress.

POST TEST

- C
- A
- A
- C
- A
- D
- C
- B
- A
- C

EMPOWERMENT TECHNOLOGIES

(Quarter 1 – Week 2)

EXPLORE

1. A
2. D
3. B
4. C
5. B

IV. APPLY

This is so important and should be spread. People nowadays tend to believe everything they saw in social media without knowing if it is reliable source or not which totally not fine. Information like this should be understand by everyone.

POST-TEST

1. A
2. C
3. A
4. A
5. A

EMPOWERMENT TECHNOLOGIES

(Quarter 1 – Week 3)

EXPLORE

1. D
2. B
3. D
4. B
5. A

ENGAGE

-To begin, choose the papers into that you need to comprise your images. second, visit the Insert Tab and choose the picture graph button from the example group. After that, click on the images button. then discover and select the photo you want to insert. Finally, press the insert button.

-Step 1: To get to the formatting menu, right-click on the shape or illustration and choose Format at the bottom of the menu that appears. Step 2: On the right side of your screen, a formatting menu will open, providing access to advanced formatting options.

APPLY

1.
 1. Insert the insertion point where you wish the image to appear.
 2. Select the Insert Tab.
 3. Click the desired image and then press the insert button to add it to your document.
2.
 1. Connect your camera or memory card to your computer.
 2. Choose pictures that you want to transfer.
 3. Choose destination.
 4. Wait for the transfer to end.
 3. Try to create invitation and thank you letter using merge documents. Invitation and thank you letter will be your two opportunities.

POST TEST

1. A
2. B
3. D
4. B
5. C
6. C
7. A
8. C
9. B
10. B
11. A
12. D
13. B
14. B
15. D

EMPOWERMENT TECHNOLOGIES

(Quarter 1 – Week 3.1)

EXPLORE

1. A
2. C
3. A
4. C
5. A

ENGAGE

1. The total sales for the month of August is 602.
2. The number of orders delivered in Lake Sebu is 3.
3. The number of television orders is 2.
4. 5 items.
5. (no questions)
6. 15 respondents.
7. 3 respondents having glucose level of more than 90.
8. 79.53% the average of glucose level.
9. 4 respondent age is older than 50.

IV. APPLY

1. What is the importance of using Microsoft Excel?

- Microsoft Excel is crucial because it allows users to structure corporate systems and process data and information by utilizing formulas in columns and rows. It can also be used to calculate, analyze, and visualize data and information. In Excel, one table format is called a cell, and a collection of tables is called a workbook. In Excel, tables are made up of rows and columns.

2. Determine other instances where you can use the COUNTIF, SUMIF, and AVERAGEIF functions.

- SUMIF - If a condition is met, such as totaling all purchases from one category, add values.

COUNTIF - Count how many items match a condition, such as how many times a name appears in a list.

AVERAGEIF - Average numbers on a conditional basis; for example, you could average only your test grades.

3. How does Excel interpret data?

- Excel organizes data sets into rows and columns by using cell systems. When opposed to non-digital data storage technologies, the worksheet layout and formatting allows spreadsheet administrators to

see their data sets in a structured, ordered format, enhancing data clarity.

V. POST TEST

1. TRUE
2. FALSE
3. TRUE
4. TRUE
5. FALSE
6. FALSE
7. TRUE
8. TRUE
9. TRUE
10. TRUE

EMPOWERMENT TECHNOLOGIES

(Quarter 1 – Week 4)

I. Explore

1. B
2. A
3. D
4. C
5. D

II. Engage

Activity 1

Visit the following websites and select at least 3 websites. Evaluate each based on the principles of design discussed. Use a separate sheet of paper for your answer.

1. <https://www.thebestdesigns.com/designs/>
> The principles of designs discussed or present in the website are: Balance, Movement, Unity, Repetition, Proximity, Contrast and Emphasis.
2. <http://www.verynicesites.com>
> The principles of designs discussed or present in the given website are: Movement, Unity, Repetition, Proximity, and Contrast.
3. <http://bestwebgallery.com/>
> The principles of designs discussed or present in the given website are: Balance, Movement, Unity, Proximity and Contrast.

Activity 2

Promote your specific track/strand by making an infographic. In making your infographic you must log on to www.piktochart.com. Print your infographic in a short size bond paper or you may send it to your teacher thru messenger. You may use your Facebook or Gmail account or create your own Piktochart account.

> Infographic attached in our google classroom.

III. APPLY

Answer the following questions. Use a separate sheet of paper for your answer.

1. What are the different principles of graphics and layout?
The different principles of graphics and layout are:

- Balance – It describes the placement of elements of equal weight on the page. The three types of balance are symmetrical, asymmetrical, and radial.
- Movement – It describes the flow of elements on the page. Visual elements guide the viewers' eyes around the page.
- Unity – the sense of oneness of the elements that creates balance and harmony.
- Repetition – It describes the consistent and balanced repetition of a design or element.
- Proximity – It describes the organization and relationship of the elements included in the design.
- Contrast – it is the combination of the opposing characteristics of an element like color, size, thickness, and among others. It allows emphasis on key elements.
- Emphasis - An area in the design that catches viewer's attention. The area may appear different in size, color, texture or shape.

2. How does infographic beneficial in presenting data?

Infographics, in my opinion, are advantageous in the sense that they are basic, poster-like images that display facts and information in a far more entertaining manner than a boring spreadsheet. They assist you in condensing a large amount of information into a short period of time so that your audience can rapidly absorb and digest it.

3. What are the different image file formats and when is the best time to use them?

The different image file formats are:

- JPEG – Joint Photographic Experts Group. > The best time to use JPEG is when photographers, artists, graphic designers, medical imaging specialists, art historians, and other groups use this as their image file format because image quality and color fidelity is important in their field.
- GIF – Graphics Interchange Format. > The best time to use GIF is when diagrams, cartoons, and logos are presented because of the fact that these presentations use few colors and is the chosen format for animation effects.
- PNG – Portable Network Graphic. > The best time to use PNG is when illustrating line art, text, and logo because of its capability to display transparencies.
- TIFF – Tagged Image File Format. > The best time to use TIFF is when you plan to download a high-quality image format, where all color and data information are stored. However, it produces a very large file size and take huge disk consumption.

2. Answer the following questions. Provide a separate sheet of paper for your answer.

1. Having explored the different examples of infographic over the internet, what do you think are the limitations of using infographic to disseminate information?

As I look at various examples of infographics on the internet, I believe that one of the drawbacks of utilizing infographics to convey information is that it takes time and work. It takes a long time to complete. It's difficult and time-consuming to create high-quality infographics. You can't just conduct research and call it a day; you'll need to design the layout and graphics as well. To create a high-quality infographic, you'll need to put in some effort and time.

2. Since most digital photos are publicly shared online, what do you think are the ways to protect your images from unauthorized copying?

People nowadays steal our photographs without our permission. I believe that one of the best ways to prevent unlawful copying of our images is to include a watermark, however these can easily be removed and will not deter those who sincerely desire your photographs. Another possibility is to apply a semi-transparent image as a watermark to the entire image.

3. Evaluate the following graphics based on the principles of graphics and layout.

I discovered the ideas and arrangement inherent in the infographic when I observed the infographics being placed. Because of the pictured humans and others, the graphic and layout concepts are Balance. The flow of information stated in the infographic, which is the adoption statistics in the United States, has caused movement. Proximity is a result of the provided information being organized in such a way that we can readily understand the flow of information.

IV. Post Test

True or False: Write true if the statement is correct and False if it is incorrect. Use a separate sheet of paper for your answer.

- 1. True
- 2. True
- 3. True
- 4. False
- 5. True
- 6. True
- 7. False
- 8. False

- 9. True
- 10. True
- 11. False
- 12. True
- 13. True
- 14. True
- 15. True

EMPOWERMENT TECHNOLOGIES

(Quarter 1 – Week 4.1)

I. Explore

1. B
2. A
3. A
4. B
5. D

List down what's wrong with this poster in terms of design. Use a separate sheet of paper for your answer.

What is wrong with this poster, according to my observations, is the color. The poster, it is assumed, should have that contrast balance to draw the audience's attention. Also, other items used as designs should be adjusted to the appropriate size to maintain a clean appearance. Finally, the texts and other parts should be arranged in such a way that they appear balanced from the audience's perspective.

II. Engage

Activity 1

Explore the future of image manipulation involved in holographic technology. How are images being converted into an immersive environment?

I feel that images are being translated into immersive environments in such a way that having an immersive environment will be helpful because it contradicts our current virtual reality. As long as images exist, they can be turned into immersive experiences using a variety of scientific and technological methods. These many approaches should be sufficient to transform an image into an immersive property, resulting in new narrative designs and relationship users. As our era progresses, transforming an image into an immersive world can assist us, as a society, in improving our quality of life by making it more rewarding and engaging through the use of new technologies that have been linked together to convey newly-created technology.

IV. Apply

Answer the following questions and write your answer on a separate sheet of paper.

1. Why is PhotoScape efficient to use and when is the time we need to manipulate an image?

Because PhotoScape is an opensource picture editing tool that allows you to repair and enhance photos, I believe it is an efficient tool to use. It

enables users to quickly edit photos taken with their digital cameras or cell phones. PhotoScape has an edge over other photo editing software in that it allows users to easily edit photographs taken with their digital cameras or cell phones. The user interface of PhotoScape allows for color correction, cropping, scaling, printing, and GIF animation. You can use it to add text, icons, filters, and a range of other things in addition to corrective touch-ups (clips, color and brightness changes, and so on).

2. What could be the necessary features of an image hosting site?

The ability to post photos to an Internet Website is one of the most important elements of an image hosting site.

2. Answer the following questions and write your answer on a separate sheet of paper.

I feel that as a member of the consumer community, I have the right to correct and educate others. With what I've learned about promoting ethics in image editing, I'll not only teach others about it, but I'll also educate others about it. To do what is right, which is to promote ethics as a means of countering the circulating manipulations that have the potential to affect not only the technology we use today, but also the technology we will use in the future. The technology is still working. As a result of the knowledge I've gained, I'll be able to assist individuals with their requirements, and I'll continue to educate people for our betterment. Because of the influence to create a better world, this might also result in role modeling for society.

III. Post Test

True or False: Write true if the statement is correct and False if it is incorrect.

1. True
2. True
3. False
4. True
5. True
6. True
7. True
8. False
9. False
10. False
11. True
12. True
13. True
14. True
15. True

EMPOWERMENT TECHNOLOGIES

(Quarter 1 – Week 5 - 6)

EXPLORE:

1. A: Balance
2. B: These are outline of ways designers can use elements in a composition.
3. A: To show the difference between the elements of art.
4. C: Asymmetrical
5. C: Tint
6. C: Cropping
7. B: Color balance
8. D: Removing colors
9. A: Brightness and Contrast
10. A: Brightness and Contrast

POST TEST:

1. A: 2
2. D: Proximity
3. A: Alignment
4. B: Pairing different typeface together
5. D: Repetition
6. A: Asymmetrical
7. A: Brightness and Contrast
8. B: Changing background
9. C: Tint
10. C: Cropping

EMPOWERMENT TECHNOLOGIES

(Quarter 1 – Week 7 - 8)

EXPLORE

1. A
2. C
3. D
4. D
5. A

ENGAGE

ICT allows content creators to communicate and exchange ideas through platforms such as social networking sites, video conferencing, and instant messaging apps. On the internet, you can also find content creation tools. These tools are also available as downloadable software that consumers must pay for.

Post Test

1. A
2. C
3. A
4. C
5. A
6. A
7. C
8. D
9. D
10. A
11. C