eLearning

Fundamentals of Computing

Computer Repair

Day 1: Complete the following activity:

Directions: Read the questions and search the internet to answer the questions below. Submit your answers on Teams

1. What is the newest iPhone out for purchase?
2. What is the newest Samsung phone available?
3. How much does a MacBook cost?
4. List 2 devices that are smart watches.
5. What are 2 game console devices?
6. List two tablets to purchase.
7. What is the purpose of the website kick starter?
8. List the top 3 TV companies.
9. Define what “The Cloud” means in technology.
10. List your states website page.
11. Who is the President?
12. Who is the Vice President?
13. Who is your State Governor?
14. Name 2 of the biggest online retail companies.
15. What is your cities population?
16. What is your states population?
17. Where are the next Olympics going to take place?
18. Who won the nobel prize this year? And what for?

19. Name 3 Universities in your state.
20. Name 3 Community Colleges in your state.
21. What was the first smart phone?
22. What was the first game console
23. When was google started?
24. What is Silicon Valley?
25. Who invented Instagram?
26. Who is Steve Jobs?
27. What is the most visited website this year?
28. What is the most watched movie this year?
29. What is the biggest city in the United States?
30. What is your favorite piece of technology?

Day 2: Complete the following activity:

Directions: Read the questions and search the internet for websites that you can find the information on. You must list the website below with the full address, for example: www.kstechtwins.com. Submit your answers on Teams.

1. Who is the inventor of the Apple Products?
2. What is a FitBit?
3. When was the first touch screen computer invented?
4. How many apps are available to the public?
5. Name a store to buy technology from.

6. Name a website that you can find information about the newest apps on.
7. Name a website that rates technology.
8. Name a website where you can buy technology.
9. How many people in the world use a mobile phone?
10. How many people in the world own a computer?
11. How many videos are upload on YouTube a day?
12. When was the television invented?
13. Name a website where you can make an email account.
14. Name a website where you can design.
15. When was the iPad created?
16. When was YouTube created?
17. When was the DVD invented?
18. When was the internet invented?
19. When was google invented?
20. How many searches are made on google a day?
21. What does innovative mean?
22. When was the iPod created?
23. When was the Xbox created?
24. When was Wikipedia created?
25. Who is the inventor of Google?
26. Who invented Netflix?
27. Name your favorite technology company?
28. What device do you think you would like to use the most in school?
29. How many hours do you spend on technology?
30. What is your favorite piece of technology?

Day 3: Complete the following activity:

Directions: Read the questions and search the internet to answer the questions below. Submit your answers via Teams.

1. Define what an app is.
2. How many apps are available for download?
3. When was the first app invented?
4. List your 3 favorite apps.
5. What are the top 5 most popular apps in social media?
6. What are the 5 most popular game apps?
7. What is the most expensive app for purchase?
8. List a program you can create an app with.
9. If you could create your own app, what would it be?
10. How many apps are created a day?
11. How many apps are downloaded a day?
12. List 2 social media apps.
13. List 2 news apps.
14. List 2 health apps.
15. List 2 game apps.
16. List 2 educations apps.
17. List 2 book apps.
18. List 2 Food and Drink apps.
19. List 2 kids apps.
20. List 2 music apps.
21. List 2 lifestyle apps.
22. List 2 sports apps,
23. List 2 weather apps.

24. List 2 travel apps.
25. List 2 shopping apps.
26. List 2 utilities apps
27. List 2 navigation apps.
28. List 2 finance apps.
29. List 2 business apps.
30. List 2 book apps.

Day 4: Research and Writing

During class we have discussed the following people;

1. **Alan Turning**
2. **Charles Babbage**
3. **Grace Hopper**
4. **Mauchley and Eckert**
5. **Mark Dean**

Write a one page pager detailing which person you believe has contributed the most to the invention of the modern computer.

Day 5: Complete the following activity:

Exploration Activity Choices

Instructions:

Way to go! You are done early with your assignment and its time to explore in class. You will pick a new option from the list below to create. Further instructions for those items are on the following slides. Have fun!

Information:

1. Inform teacher of the choice project you will be creating to get approval.
2. You will earn extra credit for completing a choice project.
3. When done please inform your teacher and submit your assignment online.

Exploration Activity Choices

1. Flyer/ Infographic
2. Website
3. Poster/ Bulletin Board
4. Website Exploration
5. Video Review
6. Online Scavenger Hunt
7. Create A Game
8. Crossword Puzzle
9. Article/Podcast Review
10. Cartoon/ Comic
11. Collage/ Art

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Flyer / Infographic

Instructions:

1. Create a flyer or infographic over a subject of your choice. This can be about an school, hobbies, a business, etc.
2. Design Options: Use one of these website or applications to create your flyer.
   a. Canva
   b. Piktochart
   c. Power Point/ Slides
   d. Word/ Docs



Requirements:

1. Title
2. Include pictures that relate to the subject.
3. Professional layout that is appealing to the eyes.
4. Appropriate fonts, and font sizes.
5. Multiple colors (Must include school colors).

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Website Builder

Instructions:

1. You are to create a website using a website builder. Websites are a wonderful tool to share information about the school. This must be a professionally made website that is created with a website builder. The website topic can range from a personal blog, to a website for a business. (Check with your teacher for approval).
2. Website Builder Options: (Create an account and domain name).
   a. Wix, Weebly, Google Sites, etc.

Requirements:

1. Website has a clear layout, organized, with a minimum of 3 webpages.
   a. Webpages clearly have a vision that matches your website theme.
2. Website is full of information, pictures, and other visuals.
   a. Example: Maps, Slideshow, Files, Music, Videos, etc.
3. Website is professional looking, and visually appealing.
4. Website has a nice theme with creativity, style, and originality.
5. Website has proper grammar, and spelling.



Poster / Bulletin Board

Instructions:

1. You are going to create a poster or bulletin board for the school. This can be about an event, sports, clubs, classes, our the school as a whole.
2. Design Options:
   a. Create a poster or bulletin board for a teachers room or one in the school. (Must ask for teacher permission)
   b. You will need to create an outline of this project on a piece of paper or online to show your vision before creating.
   c. Use art supplies, computer, etc. to create the items for your posters. This will be at your own expense.
   d. You may use my cricut machine to cut any materials.

Requirements:

1. Title
2. Pictures
3. Professional layout that is appealing to the eyes
4. Appropriate fonts, and font sizes
5. Multiple colors



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Comic/Animation Creation

Instructions:

1. You are going to create a comic or digital animation of your choice. This can be about school, your hobbies, or a fun topic of your choice, etc.
2. Design Options: Use one of these websites or applications to create your project.
   a. Pixton
   b. Toon Doo
   c. Vyond
   d. Powtoon

Requirements:

1. Title
2. Variety of Scenes and Characters
3. Animation or Comic looks Professional
4. Creative and Visually Appealing
5. Story told is clear to understand.



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Collage/ Art Creation

Instructions:

1. You are going to create a collage or art creation of your choice. This can be about school, your hobbies, or a fun topic of your choice, etc.
2. Design Options: Use one of these website or applications to create your project.
   a. Canva
   b. Piktochart
   c. Photoshop
   d. Any digital software to create art work
   e. Paper (you will need to use your own resources).



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Requirements:

1. Title
2. Include pictures, colors, fonts, etc.
3. Collage or Art Work is Professional looking
4. Creative and Visually Appealing

See Teams Page (eLearning folder) for additional project options.