HISTORY of TECHNOLOGY ASSIGNMENT

This assignment will consist of 2 parts:Then and Now. Each part will be marked as a separate assignment.

Then (Part 1): Intro and History

* Introduction
* History timeline
* When did it become smart
* This year in history

This assignment CAN be completed in partners using a Google Doc Presentation.

Your goal is to profile one **Computing Innovation** by examining its history. A computing innovation is anything that includes a program as an integral part of its function.

In other words, you are to look into any ‘SMART’ device and tell me how it evolved to its current state.

You will also be discussing the “top of the line” models and predicting its future. The following is a list of suggested topics. Should you wish to choose an alternative topic, have it approved by Mr. Couprie before you begin.

Virtual Reality Augmented Reality

Assistive Technology (and/or prosthetics)

Music Players Wearable Electronics Digital Cameras

Graphics Cards Storage Devices Processors

Internet Connections Game Systems Nanotechnology

Calculators Cell Phones Robots (real life)

Medical Imaging (x-ray, mri, etc.) Household appliances

Artificial Intelligence

Portable computers (Laptops and/or Tablets)

Crypto Currency (and/or Payment Methods)

**History and Technology Part 1**

**A timeline of your topic’s development**

**Begin by**

1. If you have not already done so, each person in the class should create a folder in Google Drive called *Your Name’s CS Assignments*. Once that folder is created, share it with your teacher, giving him/her Can Edit privileges. From now on, all assignments should be placed in this folder.
2. One partner creates a new Google presentation, naming it History of\_\_\_\_\_ Part 1.
3. If working with a partner, give Can Edit privileges to that person.
4. Drop that assignment into your Assignments folder.

**Introduction Slides (1-2 slides)**

* Title and names of partners
* A picture of the item.
* Introduce your topic by answering these questions in a sentence each:
  + Describe the overall purpose or function of the innovation? Serious business? Entertainment? Both?
  + Describe what the program (or one of its programs) does
  + Why are you interested in this topic?
  + How important is it to your life OR to who is it most important

**Part 1 - Steps in History (4-8 slides)**

Each group member is responsible for finding a separate website which has some kind of timeline of the development of your topic. I suggest searching for “history of \_\_\_” or the “evolution of \_\_\_\_”. You will each use your website as the basis for the next instructions.

Each group member is responsible for creating 4 slides, each one representing an important step in the history of your topic’s development.

For each step in history:

1. The title of the slide should contain the year (or era) and the name of the device.
2. Choose one of the following exact sentences.
   * The \_\_\_ was the first \_\_\_ to \_\_\_
   * It had a \_\_\_\_ which was unique because \_\_\_
   * This was the first time someone was able to \_\_\_\_\_\_
3. Finish this sentence:
   * I think this was an important development because\_\_\_\_
4. Who would this have impacted the most? In your opinion, explain if it would have important to teenagers, business people, a specific industry, etc. Example: *Teens would have thought this was cool because...*
5. List the company or inventor name.
6. display a relevant picture

**Part 2 - Analysing your tech as a ‘Computer Innovation’**

* Add 1 slide, then research and answer the following questions based on a MODERN version of your tech:
* What technical data does it need to do its job? Explain in a paragraph by indentifying the data and describing how this data is consumed, produced or transformed by the innovation.
* What data is collected about its human users?
* Identify data privacy, security or storage concerns.

**To get 100% - Putting the History into Perspective**

* Adding to the history - Find a website that has a year by year breakdown of events in the history of the world. Here is one you could use: <http://www.historyorb.com/events-by-year.php>
  + Go back to each of your history slides and add a section that says “This year in history…” and add an event or two that helps explain the era. Make sure you choose events that you have heard of so it helps put the history into perspective for YOU.

**Teacher use Only Below**

**History of Tech Marking**

Intro 4 2 inc

Step 1 5 4 3 2 1 inc

Step 2 5 4 3 2 1 inc

Step 3 5 4 3 2 1 inc

Step 4 5 4 3 2 1 inc

Next 10% - How Smart is it? 3 2 inc

Next 10% - History in Perspective? 3 2 inc

Total: /30

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Step 1 5 4 3 2 1 inc

Step 2 5 4 3 2 1 inc

Step 3 5 4 3 2 1 inc

Step 4 5 4 3 2 1 inc

Next 10% - How Smart is it? 4 2 inc

Next 10% - History in Perspective? 4 2 inc

Present day Ads 4 3 2 1 inc

Future Prediction 4 3 2 1 inc /40