

Technology Literacy

Period: 3

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Unit 1

1. Embedded Computers can be found in most all industrial, cooking, and automotive inventions. You will find them in your smart phones, cars, in your kitchen, and in your TV.

Devices that people use every day that contain embedded computers

- Cell phones
 - Televisions
 - Cameras
 - Kitchen appliances (ovens, microwaves, dishwashers, etc.)
 - Washing machines
 - Cars
2. Power from the air- devices using internet powered by WI-FI will make small computers and sensors more pervasive.

Positive- Freeing devices from batteries and power cords

Negative- Generating the radio signals is very power intensive and other devices hold little energy.

Slack- service made for people who work together to communicate through instant messages and chat rooms

Positive- Enhance productivity because it allows you to overhear colleagues conversations

Negative- many other services that resemble slack

DNA App Store- An online store that will help that will allow you to know more information about your genes.

Positive- Genes tell a lot about you, so it can determine your likelihood of getting diseases.

Negative- Privacy violation on an individual's genes being on an app

3. Five jobs that were created after social media

App Developer

Market Research Data Miner

Social Media Manager

Chief Listening Officer

Cloud Computing Services

Data Mining

Data Mining is an efficient way to analyze and gather data, and turn it into useful information. Although, the violation of one's personal privacy, that happens through this process is a major controversy. It is fantastic way for businesses to find information about their customers through data bases, but many feel that their privacy is being violated by this process. The big question is how much of using data bases to learn more about customers is too much?

On an article that the New York Times posted on June 4 2015, it mentions a survey that was taken on the subject of data mining. It stated that 55 percent of the people that took the survey, disagree or strongly disagree on the topic of data mining. They feel like it is a violation to their own privacy. In this age, it seems that everyone knows everything about an individual. Data mining allows businesses to know a lot about someone's private information. This system is causing a scare to many individuals, because anyone can get access to things such as their names and addresses. Every item you buy at a store, or word said on the phone, or internet will be tracked on a data base. Many people don't even know that this information is being stored. Individuals should be able to have the right to have a say whether, or whether not their personal information should be stored on such data bases.

Although data basing does have its privacy concerns, it does help out many companies. On charc.concepts.org, it talks about the benefits of data mining. It stated that, "In essence data mining benefits everyone: from individuals, to large corporations and governments". Data mining helps out many businesses around the country. Marketing uses it to improve the way they are promoting items, and coming up with new items for costumers. It is a helpful way that people can learn more about their customers, and create better products. Multiple stores use data mining as a way to tell what their customers are buying, so they can improve their store and products. Data mining is an efficient way for people to find out information to better their businesses.

Overall, data mining can be looked at as both a good and bad thing. It is a way of improving businesses, but the system also gives off many privacy concerns. Individuals should have the right to keep their personal privacy, but would stores knowledge about what they need to better in their businesses fall without data mining? This topic can be viewed many different ways and will continue to be a controversy for many years on.

Information Technology Workers

Information technology workers must keep their skills in the field up to date in today's society. On the internet, things are always changing and more problems are coming to life. People in the field of IT are usually the ones that create or help solve those sort of things. It is an important thing that they keep their skills and knowledge of computers up to date, so they can keep up with the change in technology today.

People who work in the field of information of technology are always trying to find new ways to better technology. Jobs such as: IT consultant, cloud architect, mobile application developer, software engineer, and web developer are a few examples of jobs in the field of IT. These people need to keep their skills up to date because technology is always improving and growing in this time. Web developers have to have an excellent understanding of web pages, web applications, and web contents to do good in their job. In addition, people working as a mobile application developer are needed for their skills in technology because more and more businesses have become reliant of this field more than ever before in today's world. Software engineers are behind all websites and video games, so since those things are always progressing and bettering, people in this job have to have excellent knowledge and skills of the internet and technology. Workers in the field of cloud architect have to organize storage space created by cloud computing, which is something that has just been recently created. Meaning that the field of cloud architect is only going to expand and better, so that means that the workers knowledge and skills also have to do so. On EzineMark.com it talks about the evolution of technology information. It states, "Truly that technology information becomes more and more complicated as it evolves". The internet and technology have become dependent on the people who work in the field of IT. Without their skills and knowledge, we wouldn't be able to progress as much as we have today. The present has been a time of growth and change in the world, and as workers in the field of IT they have to keep up with it. It is a field that will always been changing and developing into better. Throughout the course of years, technology has progressed so much that keeping up with it is really important.

IT workers have helped society grow and strengthen, but the only reason they were able to do this was through their skills and knowledge. Technology and the web are going to progress into bigger

and better things through them. With the help of the IT workers we can create an amazing future for technology. Skill is an important word in order for the word progression to come into play. Technology is dependent on skill and knowledge, to grow. IT workers must keep their skills in order to create a brighter future for the web and technology.

Reading: http://www.teenink.com/opinion/social_issues_civics/article/539423/Social-Networking-and-Its-Effect-on-Communication/

Purpose- To explain how teens should take a break from social networking, so they don't depend on the internet for their communication skills.

Intended audience- teens and parents of teens.

Summary- In the article, "Social Networking and its Effect on Communication" it touches on the topic of the importance of effective communication in teens. It states that social media is ruining real communication. People have become reliant on apps and websites for ways of communication. It stops people from having conversations where each other listen and learn more about each other. Social media stops questions from being asked between teens, because most of them are answered through websites. The author of this article feels like social media is taking away the power of real communication between teens.

Writing:

Rhetoric technique: Allusion

Allusion definition- a small reference to a person or event, it enhances the subject under discussion without sidetracking the listener.

Example: The website ended up being a Trojan horse instead of useful.

Speaking: One Act Play

Negative Interaction:

Student: Hey Ms. Carrie, can we get a guinea pig as a class pet? (Enthusiastic expression)

Teacher: Yeah we totally need a guinea pig in this classroom! (Sarcastic expression, with hands thrown up in the air)

Positive Interaction:

Student: Hey Ms. Carrie, can we get a guinea pig as a class pet? (Enthusiastic expression)

Teacher: Yeah we totally need a guinea pig in this classroom! (Enthusiastic expression)

The essential difference between the two interactions is the teacher's response to the student's question involves a different tone in both the positive and negative interactions.

Body language influences whether the message will be received positively or negatively, because the body language a person is using to show how they feel about a topic, dictates how the person takes their response.

Body Language

The use of body language in today's world is beyond important, because it can set an individual up for success or failure in a work space. The way an individual uses the power of body language, dictates how well he or she will do in their job. It is crucial that an individual keeps their body language positive in their work space in order for success. Body language is such an imperative thing for happiness and success in a work space.

The use of body language is so powerful when working in a work space. On Forbes.com it touches on the topic of body language. It states "Power, status, and confidence are nonverbally displayed". In order to look like a confident individual in a work space, good body language is key. The comparison between having good posture and not having good posture in a workspace is massive. When an individual is seen having good posture it makes the person look more successful and confident in what they are doing. It makes the individual stand out more than the others in the workspace. Body language can truly make or break an individual in a work space. It is important that individuals use it wisely, because it is truly a powerful thing.

Body language is a way of showing one's success and power in a workspace without using words. Using it wisely can make an individual truly successful in whatever job they are working in. It shows that an individual has the confidence and power to progress in their work field. Without the power of body language, work spaces wouldn't be impacted as positively as they are with it today.

Internet Research

Digital Access- full electronic participation in society (make sure no one is denied of digital access)

Digital Commerce- electronic buying and selling goods (become effective costumers in online community)

Digital Communication- electronic exchange of information (make appropriate decisions when communicating)

Digital Literacy- process of teaching and learning about technology and the use of technology (educating people about technology and the importance of it)

Digital Etiquette- electronic standards of conduct or procedures (responsibility)

Digital law- electronic responsibility for actions and deeds (don't be unethical online)

Digital rights and responsibility- those freedoms extend to anyone in the digital world (right to privacy and speech)

Digital Health and Wellness-physical and psychological wellness in a digital technology world (protection)

Digital Security- electronic precautions to guarantee safety (protect information)

The day to day effects of citizenship on society is that in today's world people can go to a well-built community on the internet.

After researching about digital citizenship, I have found that through the elements of it, people have a well- built community on the web that they can go to. It teaches people to follow rules when using something as powerful as the internet. Through digital citizenship, the environment online becomes better. It allows people to learn about the elements of the internet and use it correctly while doing so.