

How can new knowledge change established values and beliefs (Knowledge and Technology)

Object 1. Tattoo Machine



Tattoo machine stock photo. (n.d.).

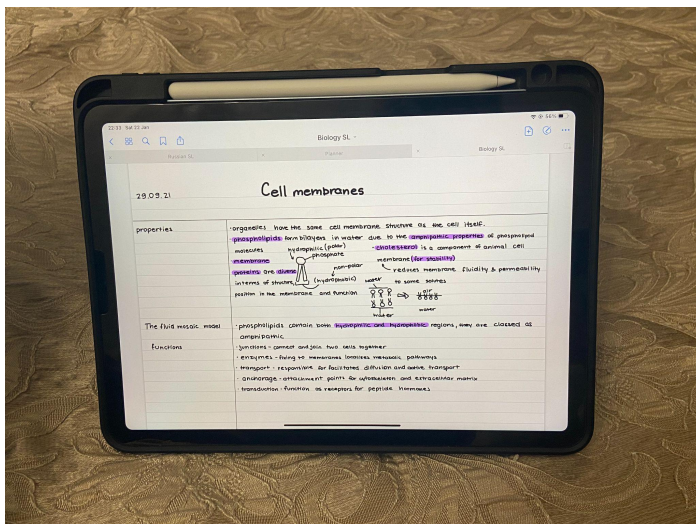
Tattoos were created more than 3000 years BC. Before the creation of a tattoo machine, each culture had a different way of applying the drawing to the skin but the general aim of getting it done was to put the ink under the skin using sharp objects. This was unsanitary and due to the absence of a motor that could poke the skin at a constant and high speed, getting a tattoo took weeks to make and was painful. Not everyone could bear the agony of getting a tattoo with the instruments that were present at the time and pain was a norm for those people. In many cases, the tattoo could get infected and result in more pain or even death, considering the medical knowledge of the past.

This ceremony then became a tradition all around the world and is now widespread, people in our modern society can casually get a tattoo without major precautions. This is due to the mechanism that is present in the tattoo machine. Generally speaking, every tattoo machine consists of a motor and a needle that work very smoothly, precisely and quickly in puncturing the skin, thus making the process less painful and very short compared to the traditional method of doing it by hand.

When I went to get my first tattoo done I was very scared as I thought it would be very painful and would result in various infections. I always thought it was something taboo to

do to your body as you are purposefully hurting yourself to get a permanent drawing under your skin. People around me also told me that I would hurt badly but I took the risk and got it. I was very surprised that I didn't feel any pain, it felt like something was tingling my leg. The master had already explained to me how the modern tattoo machines are very easy and safe. The creation of a tattoo machine has made this ceremony available to everyone and made the procedure secure and unscathing which changed the norms and ethics of the tradition.

Object 2. A digital tablet



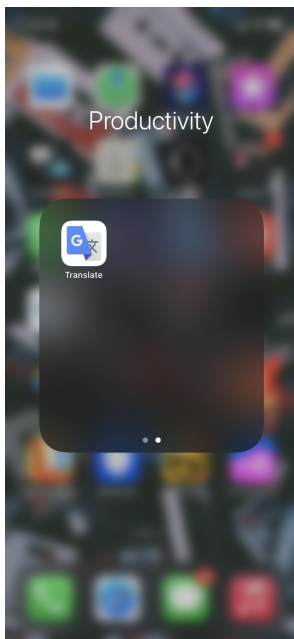
Ecological problems have always been a hot topic for modern society. The paper waste produced each year in the whole world is about 85 million tons. I have always been trying to be a zero waste person and live an eco-friendly life. The waste produced by me has always been a big concern to me, however I have never thought of the part of my life that produced the largest amount of waste which then appeared to be the use of paper. The most paper waste produced by me came from my education, I was always given handouts in school and took my notes in thick notebooks. When I got my tablet with a pencil to it I thought if I could use it instead of common notebooks and handouts in school.

The tablet then replaced all of the notebooks, textbooks and handouts that I used in paper form. Some calculations were done by me and they showed that yearly I spend about 36 thick notebooks and 10kg worth of A4 paper. I never thought something so casual and small we use in our day-to-day life can become so much waste and most importantly that this waste could be easily replaced with a digital tablet. Writing in notebooks and doing my homework on sheets of paper was like brushing my teeth in the morning - a thing I never doubt and put in consideration. I am sure as a child of this generation a lot of other people have the same outlook on use of paper.

After I started using the digital tablet it quickly became a substitute for all of the bulky paper I used to carry with me to school everyday. I now do not need to walk to school with 2 textbooks, 6 notebooks and a pencil case full of various pens in order to be productive because all of this can fit into a 460 grams weighing tablet.

Object 3.

The “Google Translate” app



Before the creation of translating applications and programmes people with different

languages could only communicate through paper dictionaries or people that knew both languages which made it very hard for people to travel to other countries without knowing the language. Nowadays, people travel with the hope that the citizens of their destination have knowledge of international languages like English, however in many countries English is not a widely known or spoken language. Some people even refuse to speak it while having basic English skills.

The “google Translate” application comes in handy in such situations and it has opened my eyes on different aspects of other cultures. When I traveled to Spain, I discovered that the majority of people living in the city I was in did not know english. When I wanted to order something in a cafe or ask for directions from the natives, we just couldn’t understand each other. There was one time a taxi driver did not want to drive my family to the hotel we were staying in because we spoke to him in English. I quickly pulled out my phone and tried to listen to the Spanish pronunciation of the sentence I needed to get to the driver. He then replied to me in spanish and with my basic spanish knowledge we could get into the car. It turned out that the driver could speak English at the end.

The application became a huge life-saver for my family during that trip and has opened my eyes to the truth that knowing an international language for traveling is not enough for a comfortable stay.

Bibliography:

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