

23. How important are material tools in the production or acquisition of knowledge? (Knowledge and Technology)

Word count: 473

Object 1 - My electric guitar.



I chose an electric guitar as my first object because this instrument is crucial in creating modern music and the development of the guitar represents the evolution and development of the music industry throughout the millennia. I got this Harley-Benton ST20 in June of 2020 and I have been learning to play it ever since. Guitars are accessible for almost all people since they are not expensive, they do not require any special equipment or physical abilities to play them and in most cases, this instrument introduces a whole new area of knowledge, serving as a guide to music to a huge variety of people. For example, a person can see a guitar in someone's house and after learning how to use it, this person can now try to experiment with different sounds and chords. This tool is important in the acquisition of knowledge since it allows ordinary people to acquire basic knowledge about music and the concepts of harmony and melody.

Object 2 - James Webb Space Telescope. (The Guardian, 2020)



I chose the James Webb space telescope as my second object because this telescope is important in the production of new knowledge about space and where did life come from. The James Webb telescope is currently the most advanced piece of technology created for discovering space. It was developed 30 years and it had officially launched in December of 2021. Space telescopes are the only way of getting knowledge about the space since only they are capable of giving humankind a clear view of the Universe. This exact telescope is important in the production of knowledge in the area of astronomy since its technological advances allow scientists to see further than they ever could, which will give them new knowledge about outer space, the formation of the stars, and possibly habitable planets for humanity. For example, by launching this telescope into space scientists are able to get new knowledge about the distant solar systems.

Object 3 - My headphones.



I chose my pair of headphones as my third object because this object is important for my personal acquisition of knowledge. Those are JBL-T110 that I got in the spring of 2020 and was using ever since. Headphones are important in the acquisition of knowledge since they allow people to get the information through their auditory canal without disturbing anyone, getting the information directly to themselves. For example, an ordinary person can access and listen to thousands of podcasts while on their way to work. As a person who is most comfortable with getting information via hearing this piece of tool is important to me and it allows me to acquire new knowledge. This pair of headphones allowed me to get new knowledge via listening to audiobooks and lectures on different topics, such as music, cinematography, and world history.

Reference list:

Clark, S. (2020) *Spacewatch: Nasa delays James Webb space telescope to October 2021*. The Guardian. Retrieved from:
<https://www.theguardian.com/science/2020/jul/23/spacewatch-nasa-delays-james-webb-space-telescope-to-october-2021>