

Explain how the principles of science relate to cybersecurity.

There are many principles of science that relate to cyber security. Science can be found anywhere and relates to everything in things you might not even know. Robert Bierstedt seven different science provides a better understanding of how science relates to cyber security. Out of the seven three stood out to me and made a clear point of how science relates to cyber security. Starting off with objectivity, it relates to cyber security because everything you do has to have a perspective on it and that is where objectivity ties in with cyber security. Onwards to Parsimony which means that scientists should keep their levels of explanation as simple as possible and that relates to cyber security because not everything is needed a long explanation for, if you keep things simple you will not big brain everything or make things harder than it needs to be (Mountrouidou et al. 2019). Lastly determinism, which means that behavior is caused, determined, or influenced by preceding events and this principle stood out to me the most. Determinism ties in with cyber security because it comes down to why a person chooses to do something. For example, a hacker is hacking a bank system to get money, but they are choosing to do it. From a personal point of view, I feel that science correlates to cyber security because they both try new methods and different models. That concludes my entry it was a good read as science is a broad topic.

Charleston, Xenia Mountrouidou College of, et al. "Securing the Human: Proceedings of the Working Group Reports on Innovation and Technology in Computer Science Education." *ACM Conferences*, 1 Dec. 2019,