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How Principles of Science Relate to Cybersecurity

The principles of science relate to cybersecurity because the only true way to test something is to experiment and experiment is the only true judgment of scientific truth.

Scientific experimentation is a great way to get clearer solutions to cyber related problems. We experiment using elements of the scientific method. There are seven steps to the scientific method which are question, research, hypothesis, experiment, data analysis, conclusion. We ask good questions about the problem at hand. Research about the nature of the problem. Predict how the experiment will turn out. Run the cyber experiment. Analyze your findings. Use finding to come up with an effective solution to the problem. Using this method of experimentation we can more quickly and effectively solve issues in the cyber world.