THE MODERNIZATION OF TEACHING SCIENCE AND TECHNOLOGY
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Here in the Philippines, the way of teaching science and technology in all elementary schools, secondary and even in universities, state colleges and campuses was not changed significantly until the 21st century. But nowadays, there are new and effective ways of teaching science by means of advancement in technology. Categorically, there are three:

The exploration of Internet, the rise of social media and the open-sourcing of information sites that helps students and teachers to communicate and interact easily even after class hours or at home. The hardcopy lectures where reduced by means of E-book which can be downloaded and read thru tablet, smartphone devices, laptops and desktops. It is more convenient for students to multitask properly and maximize their time searching for more online books that are not in the library provided by the school. It is also practical for students because they will not carry many books that are heavy load to students. Teachers on the other hand can send online lectures, assignments and exams for students that can be acquired thru e-mailing or uploading educational files on some open source websites.

The next one is the use of device applications that help students to apply more what they are learning in the school. For example is the use of e-simulation applications in circuitry for electronic topics, CAD or computer aided design for architectural, geometrical and realistic 3D representations to enhance skills and the improvement of high level languages for programming simple to critical and detailed systems that are done by Visual Basic, C++ and Java programming. Other applications are Adobe applications for aspiring graphic and software designers. Teachers can used these tools or applications to explain more efficiently what are the actual scenario of teaching science and technological topics based on field specialization.

Lastly are the improvement on visual aids and other projector teachings, the way teachers maximizes classroom time by providing discussion with prepared slides or e-lectures to students greatly helps to make teaching science more efficiently. Teachers can even provide video presentations especially science is more of visualizing environment and all around it. Students will understand and comprehend faster all the topics that are being discussed and even can share ideas they have in mind to the class.

Teaching science and technology is more of an effort and strategy than any other programs, it requires vast knowledge of what students have that can be used to significantly maximize their time of learning since science and technology is a bigger world for them. With the help of modern environment of teaching, students and teachers can communicate properly and interact with less time span. These are some of the modernization of teaching science and technology.