TEACHING ELECTRICAL MAINTENANCE TO HIGH SCHOOL STUDENTS

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Nathaniel Hawthorne once asked this question: “Is it a fact – or have I dreamt it – that, by means of electricity, the world of matter has become a great nerve, vibrating thousands of miles in a breathless point of time?”

Indeed the value of electricity is implied. It is important the essence of electricity and its maintenance must be taught to our students for the practical usage of this amazing power would eventually be realized. Teaching in high school about the safe maintenance of electricity would bring advantage and skill to the present generation of youth learners.

Electrical maintenance is the conservation and preservation of equipment and systems that supply electricity to various residential, industrial or commercial buildings. It is the regular inspection of the electric systems and equipment by professional electrician.

In school where Technology and Livelihood Education (TLE) is a part of the school-based curriculum, the lessons on electrical maintenance can be incorporated. The TLE teacher who has ample knowledge in electricity may greatly create a venue of learning in his own class.
After teaching, the basics in electrical lesson, the teachers may continue teaching electricity by means of focusing on its equipment and system. It is a good thing that a teacher in the simplest means can teach the students the know-how on maintaining electrical matters in the house or in anywhere that it is needed.

Moreover, TLE teachers who are teaching electricity to students can discuss on the source of electricity; the materials, tools and equipment used in it; its process, its maintenance, its hazards and safety precautions in order to achieve a success in teaching electricity and its upkeep.

The teacher should painstakingly teach the subject very well to the students starting from basic to the compound ones since electricity maintenance is covered by complexities. Though it is not easy to teach electrical maintenance to the students because of its highly technical aspect, discussing it in the most basic way could be possible.

There are several subject matters that are necessary to be conveyed to students for their real-world purposes in electrical maintenance will be useful in our daily living.

Furthermore, teachers should demonstrate the basic electrical maintenance to students for through this process may produce future licensed and professional electricians. The lesson on electrical maintenance may incline the students to further electrical studies and may greatly sharpen their interest and attention to electrical world.

Electrical maintenance can give a practical sense and may allow the students to explore the wonders of electricity.

It is a good tenet that the students are also updated on electrical matter for this affects their lives as they encounter electrical problems in their respective houses.
It is essential to be attuned to the facts on electrical maintenance for it not only beneficial to a few but to all.

Website/Electronic References:

http://www.goodreads.com/quotes/tag/electricity

http://www.wisegeek.org/what-is-electrical-maintenance.htm