

HELPING LEARNERS TO APPLY SCIENCE LEARNINGS IN REAL-LIFE SITUATIONS

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Science is one of the core subjects in the K to 12 Basic Education Program of the Department of Education (DepEd) that is taught in the classroom. It has a variety of applications that Science teachers can impart to their learners. Now the question is: How do teachers teach Science concepts to let learners apply these in everyday living? Science is primarily applied in real-life situations. An example of it is when electricity is discussed with the learners. Science teachers can help students learn the importance of conserving electricity, specifically with the current situation of our country where there is a shortage of electricity, as well as how it is safely used. Teachers can remind their learners to avoid touching any live wires and put electrical tape on wires with open insulation. Also, they should reiterate that two live wires or two lines should not be connected to avoid short circuits. These are done to prevent any type of accident.

Other applications of Science learnings are when teachers teach the essence of chemicals and petroleum products. Teachers must advise young learners not to take any expired medicine from their medicine kit or cabinet at home. Because when the medicine is beyond the expiry date and it is at a high temperature, it can cause a chemical reaction that when people intake it, they could be poisoned. In addition, teachers should also remind them not to play with petroleum products, like gas or diesel because it can create a fire that will take people's lives and property.

As Rull (2014) noted Science is appreciated by society because the application of scientific knowledge helps to satisfy many basic human needs. Finding a cure for disease and a clean form of energy are some examples. It also helps human beings to conserve natural

resources and use legal drugs for medications. That is why Science teachers must encourage learners to apply Science concepts and learnings in daily living.

Teachers play a big role in how learners can apply Science in everyday living. Teachers can help understand the value of natural creatures, like plants and animals. Science teachers should emphasize the effects of killing an animal like a snake or bird on the balance of the ecosystem. It may sound simple, but it can create a huge impact on the living organisms on earth. Another application of Science this time on plants is when teachers see to it that students understand the results of cutting plants and trees, especially with the global warming that people are experiencing right now. Teachers should ask students to plant trees and participate in tree-planting activities in their barangay or municipality. They must see to it that learners apply what they have learned in school.

In the end, not only students should practice Science concepts and learnings in real-life situations, but also all human beings living in this world. As Yazidi (2020) reminded everyone that applying Science to real-life situations is not only important for students, but also for those who are interested in learning more about the world around them. Human beings' world is a Science. That is why Science teachers should know how to influence and help learners value their learnings so that they can apply it in real-life situations.

References:

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