EFFECTIVE LESSON PRESENTATION IN SCIENCE EDUCATION

by:
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“Effective teachers combine the talents of scholar, writer, producer, comedian, showman, and lecturer in ways that contribute to student learning.” One of the famous line by Wilbert J. McKeachie. Students nowadays, become lazy to study especially when it comes to the subjects that burdens them. That’s why teachers are making use of different ways and techniques to catch the interest of every learner. And to address this problem the teachers need to have an effective lesson presentation everyday.

Lesson presentation refers to as effective use of selected resources, effective use of voices, hand, expressions, ability to demonstrate as need arises and effectiveness of class control and management. Effective lesson presentation involves the learning experiences of teachers’ setup to achieve the intended learning outcomes by students.

Moreover, establishing a positive classroom environment, maintaining students attention using appropriate pacing, beginning lessons by giving clear instructions and providing suitable seatworks like solving problems and laboratory activities are some effective lesson presentation in Science.

Thus, including an actual experiment and solving real-life problems that requires critical thinking in lesson presentation will help the students to acquire more knowledge. One of the effective strategy is the inquiry-based learning for it can be used to teach all science subjects, in a way that it allows students to practice critical thinking skills in finding solution in a certain problem. This method is student-centered because it let the students to explore and apply their knowledge to formulate a solution while the teacher is just facilitating the activity. In this way students were able to give their own idea based on their experiences and knowledge they have.
Those lesson presentations contribute a big help in academic performance of students especially those who belong to Science, Technology, Engineering and Mathematics (STEM) strand. STEM is more than just a grouping of subject areas. It is a movement to develop the deep mathematical and scientific students that needs to be competitive in the 21st century workforce. Also, this strand will develop the students’ ability to evaluate simple to complex problems and be able to apply and integrate the scientific, technological, engineering and mathematical concepts that they learned to solve the societal problems.

On the other hand, today’s heroes are really scientists. One of the reason why our country is not competitive enough is because of the lack of scientist. So to solve this, our country must have teachers that can present the lessons in science subjects effectively to the students. Also, if more students take the STEM strand our country shall not only have more scientists but more competitive science teachers. Therefore, Philippines were able to produce learners that understand what we need before we ever need it. A learner who will create a work that never was. And a learner who will shape the world.

References:

https://www.nap.edu/read/4962/chapter/5#30

http://www.kean.edu/~tpc/Classroom%20Management/EFFECTIVE%20LESSON%20PLANNING%20%26%20Classroom%20Mgmt.htm