SHAPING YOUNG SCIENTIST THROUGH RESEARCH

by:
Gisellene D. Julian

“Research is to see what everybody else has seen, and to think what nobody else has thought” this line is quoted by Albert Szent-Gyorgi which implies that effective teachers use scientific thinking and processes in their classrooms everyday. They usually create lesson plans, assess and evaluate students’ performance. Teachers based their evaluation on the students’ knowledge and construct hypothesis, about the strategies to use, perform the plan, observe and evaluate the results and construct another plan based on the evidences they collected. In short, teachers use action research to formulate a solution in their problems and to explore other strategies that they can use and can add to their pool of knowledge. They are the one who contribute a lot in the society through research.

Research is actually a product of curiosity, which is something we all have. It is usually starts with a question that needs to be answered. Because of research we are able to create something that are very useful to everyone and improve things and knowledge that already exist. In today’s world we are constantly adapting and continuously demanding for a new things, new procedures and knowledge. Without research, we are not able to innovate things that makes our life enjoyable and easy to live with.

Further, one of the most important research are those which are in the field of science education for it leads to progress the knowledge in science. The objective of research in science education is to achieve progress in economic growth, environmental protection and to produce competitive scientist that will lead the country to excel in the different parts of the world. It is not only the teachers, nurses and engineers can create
their own study but also those who are in the K to 12 curriculum can be a new innovators that can have a big contribution in the field of research.

In today’s generation, learners from Science, Technology, Engineering and Mathematics strand are the most capable of conducting researches for they focused on the concepts of science and mathematics and integration of technology. These knowledge can serve as a guide for them to become a young innovators of our country. Also, allowing the students to explore will provide them much interest in seeking of answers to their questions.

Moreover, teachers should encourage learners to pursue STEM activities, increase awareness and interest and extracurricular activities of the merits of STEM education. Teachers should also provide activities that will show real-life applications of the concepts that the learners have. Further, it is a must that teachers create critical thinkers and increase science literacy through researches that enables the next generation to become an effective young innovators.

And if Philippines were able to produce young competitive and research oriented learners, we Filipinos are not going to be left behind when it comes to science education and researches. Young scientists are the one who will promote us, Filipinos, in the whole world using their best weapons which are their researches. Researches from young scientists that will serve as the key to our success which everyone have been hoping, waiting and wishing for.
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