FRUITS IN STEM

by:
Robert Kevin A. Alindayu
Teacher III, Mariveles National High School - Poblacion

Since the implementation of the K-12 Education System in 2011, students both enrolled in its additional two-year Senior High School and not, have been avoiding one particular strand like the plague. But little do they know that at the end of the thorny branches of myths and misconceptions about it, lies a ripe bundle of welfare and convenience.

STEM (Science, Technology, Engineering and Mathematics) has always been a field of constant decline, not just in academics but also in workplaces. In the Philippines, there have been high demands for science and technology workers over the last few years; but to no avail, the scarcity in the sector's human resource still prevails.

The idea of solving scientific and mathematical problems always seem to send people running the other way. But, if you think about it, STEM is actually a field where one can reap a lot of benefits.

In a changing world that is anchored to science and technology, STEM is a vital domain for constant progression. Through this, careers in STEM has been one of the fastest growing and in demand over the years. According to Rappler, high school students should consider working as doctors, engineers, computer programmers, web developers, draftsmen, agriculturists and electricians among others considering its high demand from companies.

Moreover, people who majored in STEM and works in STEM are found to earn more than their non-STEM counterparts.
In JobStreet.com's Highest Paying Jobs and Industries for the past three years, two careers under STEM would consistently make it to the top five - namely, IT-related jobs and actuarial science or statistics. Moreover, in 2016 eight careers in STEM made up the Department of Labor and Employment's Top 10 Highest Paying Jobs. Generally, apart from careers in technology; engineering, sciences and healthcare are known to be generous paying jobs in the Philippines.

Internationally, STEM related jobs dominate the Highest Paying Jobs and Industries of economically successful countries like Japan, the US and even United Kingdom.

Apart from salaries that will set you up for life, STEM will always be a constant element in the community. It has potential for flourishing more in the future, for generations to come. Where there is STEM, there is stability.

But although this path is advantageous, problems regarding potential pursuers of careers in STEM still arise as not a lot of students think of this as their primary option in senior high school and even in college.

In Mariveles National High School-Camaya Campus, one of the few senior high schools in Mariveles, Bataan, its STEM program remains as one of the strand with the least number of enrollees for the last two consecutive school years. And this situation is no stranger to the whole country.

In accordance, promotion of STEM and implementation of programs that would increase student interest in the field must be observed, even in the lowest sectors of education and the community. More importantly, the love for science, technology, engineering and mathematics must be instilled in the minds and the hearts of the younger generation that would hone the future.
References:

