MATH IS LIFE IN K-TO-12 CURRICULUM

by

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Most of the learners nowadays have a degree in ‘Philosophy’ asking ‘Why is Calculus included in my curriculum?’ ‘Do I really need to study it?’ ‘Am I supposed to apply those formulas to gain the stuff I wish to have, like ‘what is the value of the differential of x in the equation: dx=3x^2 + 2x?’

The inclusion of Higher Mathematics in K-to-12 Curriculum plays a big part. Senior High School learners may not appreciate it at first, but as they go through the process of learning Higher Mathematics, they will consider it as a preparation for their bachelor’s degree. Analytical thinking, numerical analysis, equations and problem solving on a higher approach are the skills and knowledge being practiced and developed. The effectiveness of prerequisite subjects serves as their driving force in moving forward.

Most of these learners opted to enroll in academic fields far from Calculus, Physics, and other courses which do not have Mathematics as they’ve thought of. But the skills acquired from their former education, especially in their Senior High School years, such as analytical thinking and the perseverance in arriving at the correct answers with the prescribed solutions, can be applied in a different approach depending on their chosen fields.

Teachers may be more creative in delivering Mathematics in the curriculum, for the learners to be more positive in taking the challenges in Science, Technology, Engineering and Mathematics (STEM) Strand of the Academic Track. Mathematics is so much fun and it adds color to the K-to-12 Curriculum. William Butler Yeats said, ‘Education is not the filling of a pail, but the lighting of a fire.’
References:
