CONSIDERING MULTIPLE INTELLIGENCES IN TEACHING MATHEMATICS

by:
Jermaine Caira L. Payao

The selection of teaching methods and instructional materials are crucial in the teaching and learning process. In contrary, educators often neglect to consider different factors that affect the choice of teaching pedagogies. The principle that generally, there is no best instructional material (IM’s), IM’s always depends on how the students learn effectively. Also, there is no such thing as best teaching method, it’s the one that works, and yields result therefore teachers should always consider factors such as learning styles and multiple intelligences.

In addition, multiple intelligences (visual-spatial, mathematical-logical, interpersonal, intrapersonal, bodily-kinesthetic, musical, naturalistic, linguistic) is one of the most essential considerations for selecting and constructing instructional materials, teaching method, style, technique and even approach. According to Eve Herndon (2018), the theory or multiple intelligences states that in everyday life, each person has different ways of learning. Patterns that are mostly associated with mathematics achievement should also be considered. There is a need for enhancing the knowledge of the teachers about the educational approaches and techniques that accommodate the multiple intelligences of their students.

Integration of multiple intelligences in planning the instruction can develop smarter students in many ways. The same investigation also concluded that teachers should be equipped with a wide knowledge of developing multiple intelligences integrated instruction for teaching their subject. The more likely teachers cater the dominant multiple intelligences, the more likely the students increase the achievement in their class.
Learning Mathematics through students’ multiple intelligences also increases the learners’ interest and enhancing their ability to learn Mathematics easily.

References:

Eve Herndon (2018) What are Multiple Intelligences and How do They Affect Learning?
https://www.cornerstone.edu