

## THE EFFECTIVENESS OF COMICS IN MATHEMATICS

*by:*

**Marcy C. Caron**

*Teacher III, Batangas II Elementary School*

Learning through comics will help the students to understand and figure out from the combination of text and images all the 21st-century Mathematical skills. It will help in the learning process if the development of instructional materials that originated from traditional towards innovative becomes necessary. If pupils find pleasure in learning, thus, studied spirit will also increase.

For that matter, the creativeness of the teacher is the key to innovative materials for teaching. It is a challenge rather than an obstacle to upgrading the capability to develop the potential in instructional materials development. Neurologists agree that human beings process text and images through the different parts of the brain. And by processing text and images together, humans recall faster and learn better as distinct parts of the brain and activated simultaneously.

This is why the multimedia effect makes students learn better with visuals and texts rather than simply text. Therefore, comic teaching will allow students to readily learn a particular concept. It can be considered comics as very well media and a means of delivering the material and content packed now in a fascinating form. By the time school-aged children, they find enjoyment especially, of the time searching for detailed information in comics for entertainment.

A storyline and characters to which the students can connect are one of the guiding principles in designing comics. They will be motivated to read on if it catches their interest. Specifically, if they can connect to the characters arrived in enhancing cognitive

effort and memory formation when the readers encode through self-reference via formation.

The comics must also have an infusion of humor in the storyline and the visual arts. It helps the students be eager to read and learn the Mathematical concept embedded inside the comics. Creating a conducive environment for learning that generates an atmosphere less threatening and helps them better remember the theory.

In addition, font choice is a factor for consideration when designing comics. Capital letters are usual in comics. The text must be compact. Few words and large fonts convey much information.

Further, teachers can use a superhero theme for the comics. These are popular with young children. In fact, superheroes are the best teaching tools whenever the setting is in the past, present, or future. They must make it with a superhero theme.

Of course, the concepts in Mathematics are accompanied by values and current issues to raise students' awareness of the world's present situation. Values should not be neglected. These are foundational parts of fostering one's skill and talent in Mathematics. They must include behavioral objectives to be attained in the curriculum suggested activities. Integration of values must be in the teaching-learning activities. Furthermore, the morals and the issues they will be acquired from the comics will forever be in their minds well as the skills and concepts they gained and learned through it. Learners through comics will lead them to be good students and better citizens of the future.

Unequivocally, Math Comics aims to improve the competency of learners in Mathematics. It should be integrated with whatever modalities to be used or implemented in the coming school year.

*References:*

<https://www.pressreader.com/philippines/sunstar-pampanga/20180924/281715500536557>

<http://downloads.journalofeconomicsteaching.org/2/1/1-4.pdf>

<https://www.iejme.com/download/development-comic-based-problem-solving-in-geometry.pdf>

<https://iopscience.iop.org/article/10.1088/1742-6596/895/1/012039/pdf>

<https://files.eric.ed.gov/fulltext/EJ1280803.pdf>