MATHEMATICS: PAST AND PRESENT

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It is well known how important mathematics is as a subject. It facilitates performing computations in daily life easier for the most obvious reason. Many pupils have been having difficulty with the subject for years.

Furthermore, it raises questions regarding the actual value or application of the challenging mathematical concepts taught in schools and colleges for those who choose to major in mathematics. There are several issues facing mathematics in the future as a result of the emergence of digitization and rapidly evolving lifestyles.

Is it absolutely unheard of for pupils to struggle with math during the COVID-19 pandemic? No and yes. It has been difficult to determine the precise extent to which school closings and changes from traditional to virtual learning have impacted students' learning; however, the evidence so far is not encouraging, especially in math. This is because disruptions in schools have also led to disruptions in testing.

However, research on the relationship between math development and fear, summer learning loss, and math accomplishment after prior disasters can all offer windows into why arithmetic learning appears to be suffering more during the pandemic and what teachers and school administrators can do to stop it.

It is believed that the technology-rich environment increases students' ability to solve mathematical problems and equations, improves their cognitive skills, and increases their mental and motor activity. It is also thought to increase their motivation for learning and their overall classroom effectiveness. In addition to the aforementioned,

a technologically advanced environment can help students become more positive about math learning, solve difficult problems and equations, support the exploration of mathematical concepts, provide dynamically linked representations of ideas, and foster students' potential. It has been demonstrated that the use of technology has a positive impact on students' academic performance when it comes to mathematics, as experimental research has revealed that students who were taught using technology achieved much higher results than those who were taught using more conventional methods.

Students who learn exclusively from textbooks display inferior achievement as well as less interest in and passion for the subject. On the other hand, this setting one that is computerized and technologically advanced) helps students have better attitudes and may even encourage them to realize their full potential.

References:

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