

TEACHING MATHEMATICS IN THE NEW GENERATION

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Every part of our everyday lives involves mathematics, and it influences a wide range of disciplines, including science, technology, engineering, economics, and even the arts. A foundational ability in mathematics is necessary for success in many facets of life. When it comes to routine chores like budgeting, buying, and cooking, we also require it. It serves as a basis for numerous other disciplines as well, including science and engineering.

Teaching is a tough job. Here are some of the challenges that a mathematics teacher may face.

The curriculum's extreme complexity, and arithmetic can be intimidating for both teachers and students. Therefore, to guarantee that students are engaged with the topic, mathematics teachers should use innovative methods. To enhance writing skills and foster a passion for mathematics in class, implementing a variety of teaching strategies and assigning a diverse range of tasks are highly required.

Another is building on prior knowledge. It may be challenging to make sure that every student in the class is at the same level if the learning is not done for whatever reason. However, peer-to-peer teaching may be able to assist students who

are in a situation where they are constantly in need of catching up and allocating a specific period throughout the lectures for the students to work through arithmetic problems with their friends. This will allow them to catch up with their peers and reinforce what they have learned.

Given the variety of ways available, mathematics teachers must have a well-thought-out teaching strategy in mind. Their subject-matter expertise is of big help to the students. Also, it is great if the mathematics teacher gives his lesson plans a great deal of thought and explores possible interpretations for the various components of their instruction and making sure that all instructions are understandable and offer chances for learning progress.

References:

<https://www.texthelp.com/resources/math/the-importance-of-teaching-math/>