

Why Consider Mangahigh?

# LEARNING LOSS

Impact on future young adults



## The Outlook

The post-pandemic landscape presents a complex array of challenges in education, particularly in the domain of mathematics. The abrupt transition to remote learning and the subsequent disruption in traditional educational environments have led to significant learning loss, as well as a stark absence of learning gains for many students. This situation, if not adequately addressed, could have far-reaching implications for our society and its emerging young professionals over the next decade.

## Learning Loss vs. Lack of Learning Gains

The pandemic-induced learning loss in mathematics is not merely about students forgetting previously acquired knowledge; it's also about the missed opportunities for learning new concepts. Mathematics, being cumulative, requires a strong foundation that builds progressively. The absence of regular, structured learning experiences has left gaps in this foundation, making it challenging for students to grasp more complex concepts as they advance in their education



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## Impact on society and young professionals



**Economic Implications:** A workforce with weakened mathematical skills could hinder the nation's competitiveness in the global market. Industries that rely heavily on math, such as engineering, technology, finance, and healthcare, may struggle to find qualified candidates, impacting innovation and economic growth.

**Technological Advancement:** As we move towards an increasingly digital future, mathematical literacy becomes crucial. The lack of solid math skills could limit individuals' ability to participate in and contribute to technological advancements, from coding and data analysis to artificial intelligence and beyond.

**Social Inequality:** The pandemic has exacerbated educational inequities, with students from disadvantaged backgrounds facing more significant learning losses. This could widen the socio-economic divide, as those students become young adults facing limited career opportunities compared to their peers from more affluent backgrounds.

**Decision-Making and Critical Thinking.** Mathematics fosters critical thinking and problem-solving skills. A generation less proficient in math may face challenges in making informed decisions, solving complex problems, and critically evaluating information. This could affect various aspects of life, including personal finance management, healthcare decisions, and civic engagement.

**Professional Development and Adaptability.** In a rapidly changing job market, adaptability and continuous learning are key. A strong foundation in mathematics is essential for pursuing further education and training in high-demand fields. Without it, young professionals may find themselves ill-equipped to adapt to new roles or advance in their careers.



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## MangaHigh can help in addressing these challenges

To mitigate these potential impacts, it's crucial to address the learning loss and lack of learning gains in mathematics with targeted interventions. Solutions like MangaHigh, which offer engaging, personalized learning experiences, can play a vital role in this effort. By making math accessible and enjoyable, these tools can help rebuild foundations, spark interest in STEM fields, and prepare students for future challenges, ensuring they grow into capable, adaptable professionals who can thrive in an increasingly complex world.

"Being part of the journey to shape the future of education with MangaHigh is not just exciting; it's profoundly rewarding. We see firsthand the transformative power of our platform. By collaborating with school districts, we're not just reaching a vast number of students; we're providing them with a unique, engaging, and effective tool that makes learning math not just accessible but truly enjoyable. Together, we're not just teaching; we're inspiring a new generation to love learning."

*Andy Mountain, VP of Contents, Mangahigh*



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