

# Math Class Needs a Makeover

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## TED Lectures Note-taking Activity

**Directions:** First listen to the lecture and take notes. Then using your notes, you will answer the following questions.

1. What do the speaker's opening statements imply about teaching mathematics in the USA?
2. What two areas does he break mathematics into?
3. Which of the "5 symptoms of doing math reasoning wrong" affects 99% of students?
4. What do mainstream TV and sitcoms do to our brains?
5. How do the textbooks fail students?
6. What sort of problem solving does the speaker prefer?
7. What did Einstein feel was more important: the formulation of the problem or its solution?
8. How does the speaker entice students to use mathematical reasoning?
9. How is the math textbook failing students?
10. What makes math teaching so much better today?