

MOMENTUM

COMPLETE COLLEGE AMERICA

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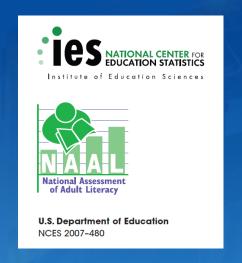


Eric Gaze

Why Quantitative Reasoning?

87% of U.S. adults cannot read or write...

...with Numbers. They are Quantitatively Illiterate.



Mathematics and Democracy (2001)

"Quantitative reasoning empowers people by giving them tools to think for themselves, to ask intelligent questions of experts, and to confront authority confidently."

Is College Algebra Necessary?

"What is needed is **not textbook formulas** but greater understanding of where various numbers come from and what they actually convey."



A Program for Student Success



"I came to a drastic realization, I actually enjoyed doing math! Thank you. Last semester was the first time in my life that I looked forward to a math class, and applied what I learned outside of the classroom. Therefore, I REALLY want to take another math class like this."

-Fiona

A Program for Student Success

"Tonight at dinner my brother and relatives were discussing the time value of money. After hearing my businessybrother compare fund quotes over different years I whipped out my CPI's and apples to oranges argument and supported it with equations and QR logic snippets."



-Fiona

A Program for Student Success



"As the (very-labeled) humanities and arts child, it got me quite a few points. So THANK YOU, for enabling me to argue with my brother on his own playing field. That aside I learned a LOT this semester."

-Fiona

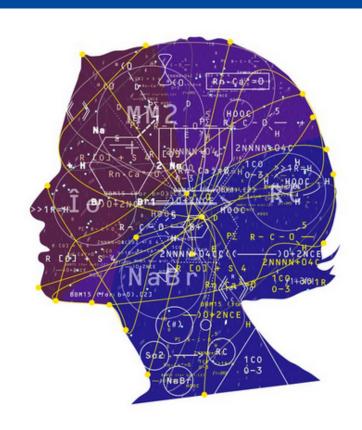
The Wrong Way to Teach Math

"Ours has become a quantitative century, and we must master its language.

Decimals and ratios are now as crucial as nouns and verbs."



Modeling as Business Math



Get ready for the most sweeping business change since the Industrial Revolution.

Circa 2015 CE

The algorithmic CEO

by Ram Charan

JANUARY 22, 2015, 7:05 AM EST



The Right Way to Teach Math

"For there is a much more recent implementation of al-Khwarizmi's method of algebra--one of immediate use to everyone in today's world: the electronic spreadsheet. A perfectly correct description of Microsoft Excel is that it is a computer implementation of algebra..."



- Keith Devlin February 29, 2016

A Program for Student Success

"QR was one of the most useful courses I have taken at Bowdoin. I am interning at IBM this summer as a part of their Watson Sales Enablement team and constantly use spreadsheets and QR. Thank you for bringing in and teaching this course!"

-Daniel

