Bibliography

What Is the Math Emporium and What Makes It So Successful?

- **Math Lectures: An Oxymoron?**
  An article summarizing what NCAT has learned about improving student success in mathematics.

- **The Math Emporium: Higher Education's Silver Bullet**
  A 2011 *Change* magazine article summarizing the successes produced by the Emporium Model.

Developmental Math Redesign Case Studies

- **Developmental Courses: An Oxymoron?**
  An article describing a redesign program in developmental math and English conducted by NCAT in partnership with the Tennessee Board of Regents.

- **Increasing Success in Developmental Math: Following the NCAT Playbook**
  An article describing Cleveland State Community College’s redesign of its developmental math program.

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  An article describing Jackson State Community College’s redesign of its developmental math program.

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- **Does A Nursing Student Really Need to Solve Rational Equations?**
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- **Education Delayed Is Education Denied**
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- **The State of Developmental Math: It's Far Worse Than You Think**
  An article describing the problem of grade inflation in developmental math courses.

Changing the Equation (2009–12)

Changing the Equation was a major program funded by the Bill & Melinda Gates Foundation to engage the nation’s community colleges in a successful redesign of their remedial/developmental math sequences. Thirty-two institutions improved student learning outcomes while reducing costs for both students and institutions by using NCAT’s proven redesign methodology.

- **Changing the Equation Program Description**
  A full description of the program’s purposes and its place in the panoply of developmental math reform.

- **Changing the Equation Final Report**
  An article describing the outcomes and lessons learned from Changing the Equation.
Improving Learning and Reducing Costs: Outcomes from Changing the Equation
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