



## Making Math Success a Reality in Michigan

---

MSU Kellogg Center, East Lansing  
March 30, 2009


Thomas Bullock and Jennifer Smith  
The Education Trust





Two days focused on ensuring all students receive instruction that will prepare them for college and careers.

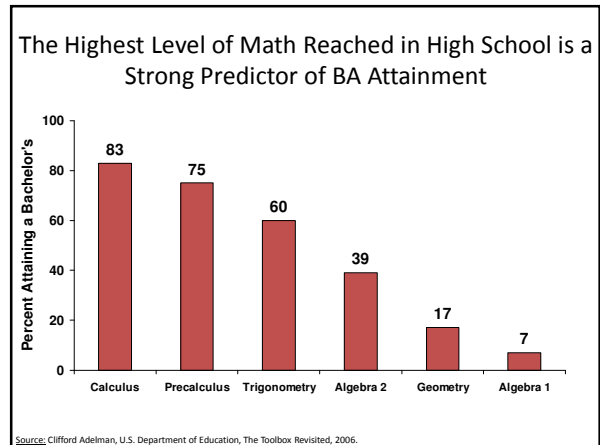
## *Back-Mapped Curriculum*




### Why Algebra by Grade 8?

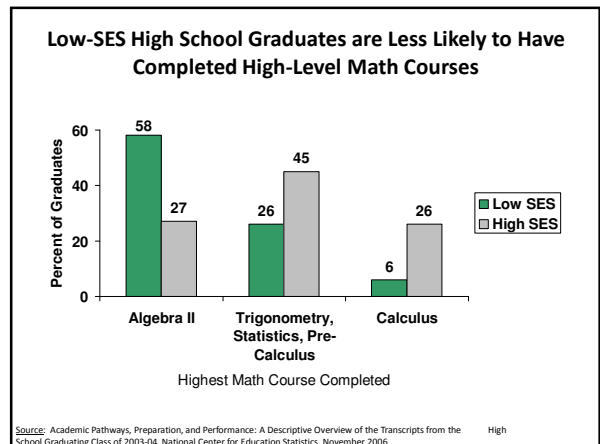
- If we aspire to have students achieve post-secondary success, mastery of mathematics skills in secondary school is essential;
- Algebra is the foundation for this success.

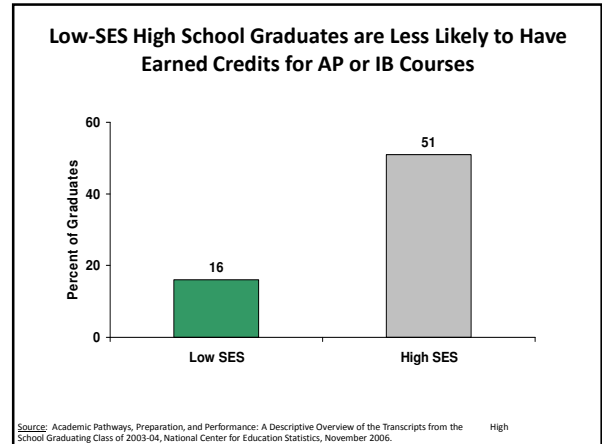
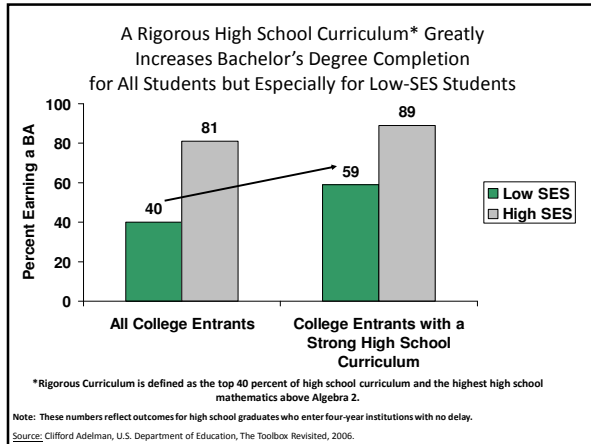
© 2009 THE EDUCATION TRUST




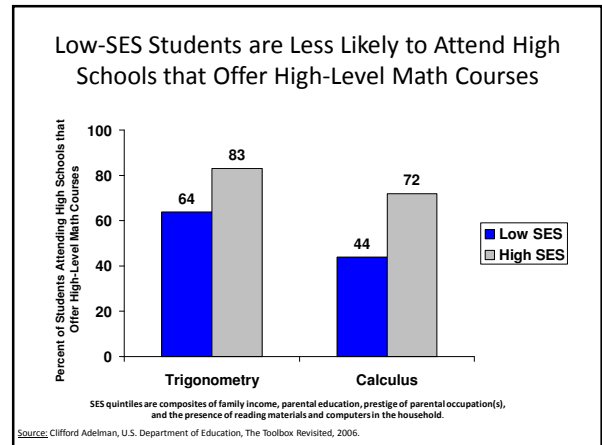
## *Current Trends in Mathematics*




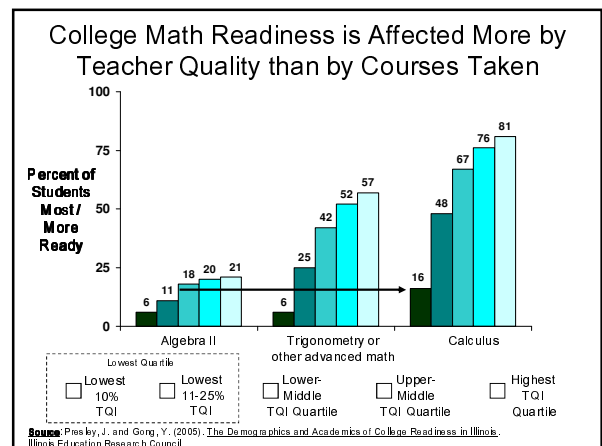


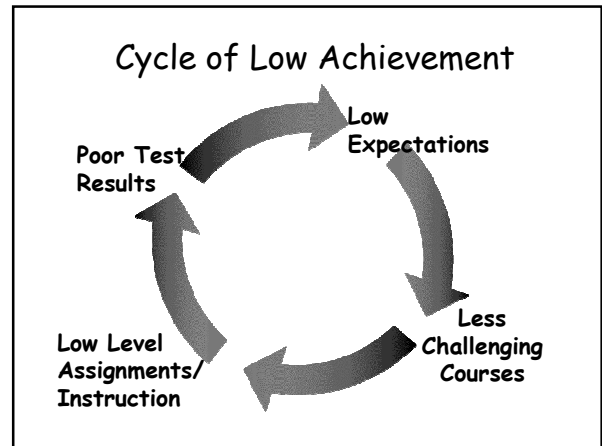
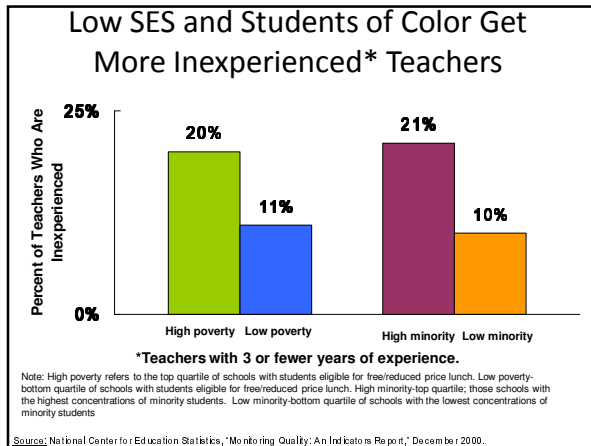


Do we enable students to achieve this success?

Once enrolled in rigorous courses, students need highly effective instruction.



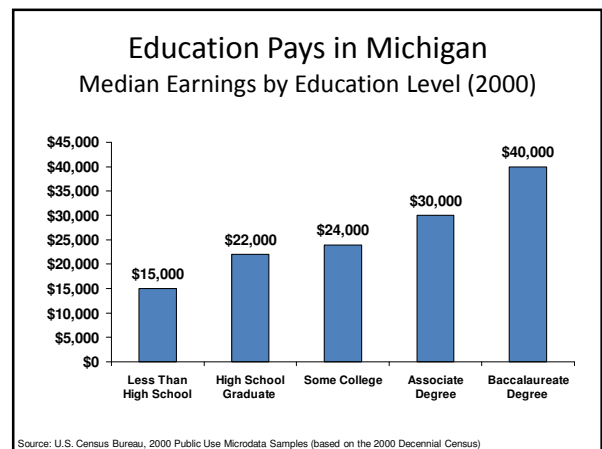
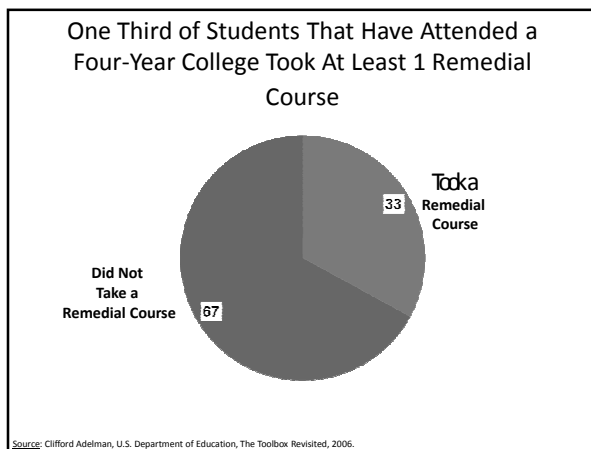
This cycle results in another gap:

*The instructional gap –*  
 The gap between standards (what students should know, understand and be able to do) and what they are being taught.

© 2009 THE EDUCATION TRUST

Proactive approaches to mathematics instruction is essential.

The Education Trust



***Strategies of Connecting***



Thomas Bullock  
[tbullock@udc.edu](mailto:tbullock@udc.edu)

Jennifer Smith  
[jsmith@edtrust.org](mailto:jsmith@edtrust.org)  
202 293 1217 x 321

