



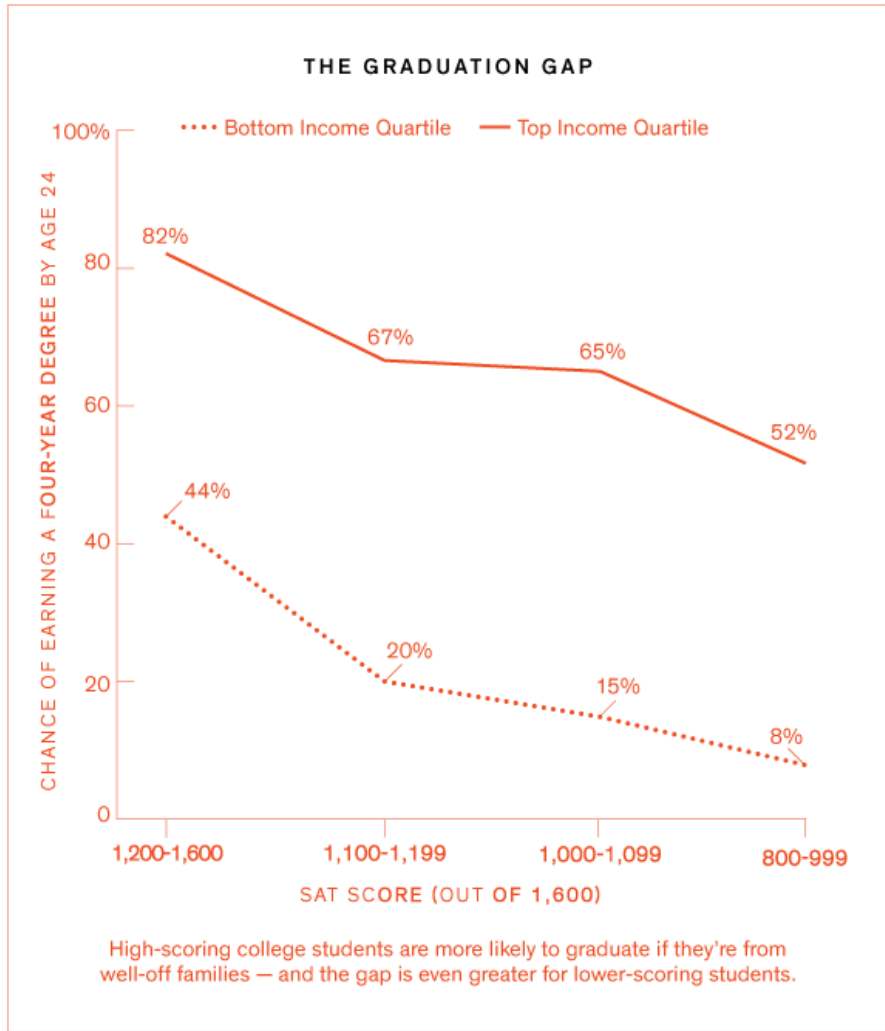
Frank Vahid

Prof. of Computer Science & Engin., Univ. of California, Riverside

zyBooks co-founder

www.zyBooks.com

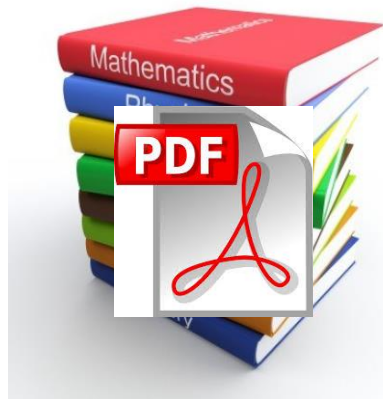
Heartbreaking...



The New York Times
Who Gets to Graduate?
By PAUL TOUGH
May 15, 2014

Top-income quartile: 4/6
Bottom-income quartile: 1/6

Textbooks, lectures, and the web



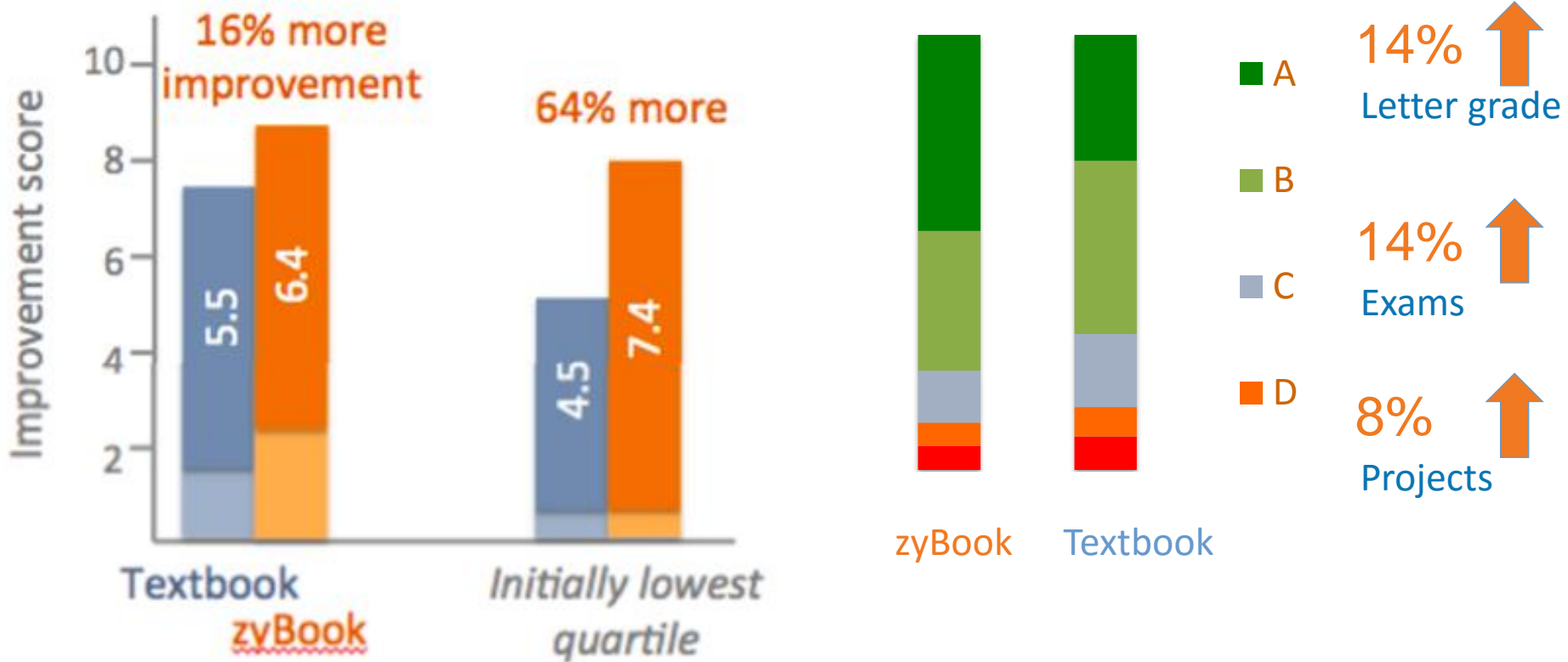
Web: A learning superhighway

zyBook: Animated, interactive content



- 90 sec demo video

Studies show improvements



ASEE 2014
(best paper)

ASEE 2015
(best paper)

zyBooks Incorporated 2012

Programming in C
Programming in C++
Programming in Python 2 & 3
Programming in Java
AP Computer Science (Java)
Discrete Mathematics
Programming in MATLAB
Program. Embedded Systems
Digital Design
Data Structures Essentials
Computing Technology for All
Computer Organization & Design
Material and Energy Balances
Algebra



2 SBIR grants

8 publications (2 best papers)

14 zyBooks

1,200 classes

80,000 students

320 universities



Smita
Bakshi

CEO, co-founder, former
UC Davis professor



Frank
Vahid

Co-founder, co-
oversight authors,
UC Riverside professor



Scott Sirowy,
Engin. Director,
UCR CS Ph.D.



Kathleen Hayes,
VP of Sales



Russ Anderson,
VP of Finance



Roman Lysecky,
Assoc. Prof. of ECE,
Univ of Arizona, co-
oversight authors

>20 full-time employees
\$4M Series A (inc. SBIRs) Dec 2015
Steep growth

Responses to posed questions

- “Greatest challenge”?
 - Getting more students to benefit from this material
 - Investigating larger-scale licensing arrangements at level of department, college, university
- “Engineering programs prepare students for future”?
 - Students must be highly-motivated (mission driven) to tackle the very tough challenges of creating/maintaining state-of-the-art constantly-evolving web software
 - Professors must have the courage to go beyond conveying knowledge, and be role models and motivators as well