



An Optimist's Education Agenda *Moving to Increase Access and* *Success in Higher Education*

BILL & MELINDA
GATES foundation

Mark David Milliron
mark.milliron@gatesfoundation.org

EVERY PERSON DESERVES
THE CHANCE TO LIVE A
HEALTHY, PRODUCTIVE LIFE.



Issues Ahead

- *Intergenerational poverty transmission is at its highest*
- *Education is the single biggest disrupter*
- *We've dramatically increased our access to postsecondary education*
- *But half of all college students drop out before earning a credential*
- *68% of top quartile students from college-going families earn a degree by 26, compared to just 9% of first-gen students from the bottom quartile*

Issues Ahead

- *Over the last generation we've moved from 1st in educational attainment to 12th (US 39% vs. Japan 54%)*
- *By 2018, 63% of new jobs will require at least some postsecondary education*
- *300,000 more Americans a year will need a postsecondary credential than currently project*
- *Overall education attainment is projected to decrease for the first time*

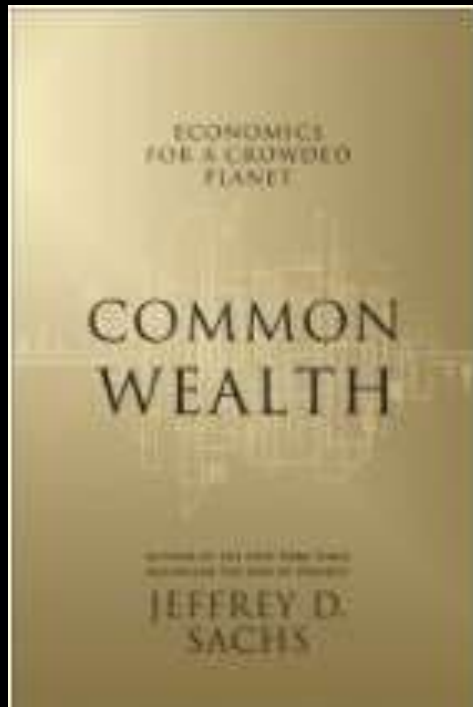
Issues Ahead



“ . . . Dropping out is not just quitting on yourself, it’s quitting on your country.”



Issues Ahead



*Malthusian doomsayers
didn't anticipate:*

- *New Technology*
- *New Techniques*
- *New Behaviors*

Conversations to Consider

Academic Catch Up

Learning Innovations and Technology

Learn and Earn

Renewal and Redesign

New Models

Credentials that Count

Learning for a Lifetime

Academic Catch Up Elimination, Innovation, Acceleration



 Mesa Counts
on College



Learning Innovation and Technology
**Curricular Resource Strategy, Big Blend,
Engaging Learning, & Learning Analytics**

Learn & Earn

Learn & Earn Continuum

Focus: Acceleration, Contextualization, & Competency

EMPLOYERS

Working-student friendly employer practices and policies

Credit Mapping On-the-Job Training

Credit-Bearing Contract Training

Corporate Colleges w/Credit

Off-Campus Work Study

Apprenticeships w/ Credit

Light

Deep

Working-student friendly college practices and policies

Contextual Based Learning

Unpaid Credit-bearing Internships

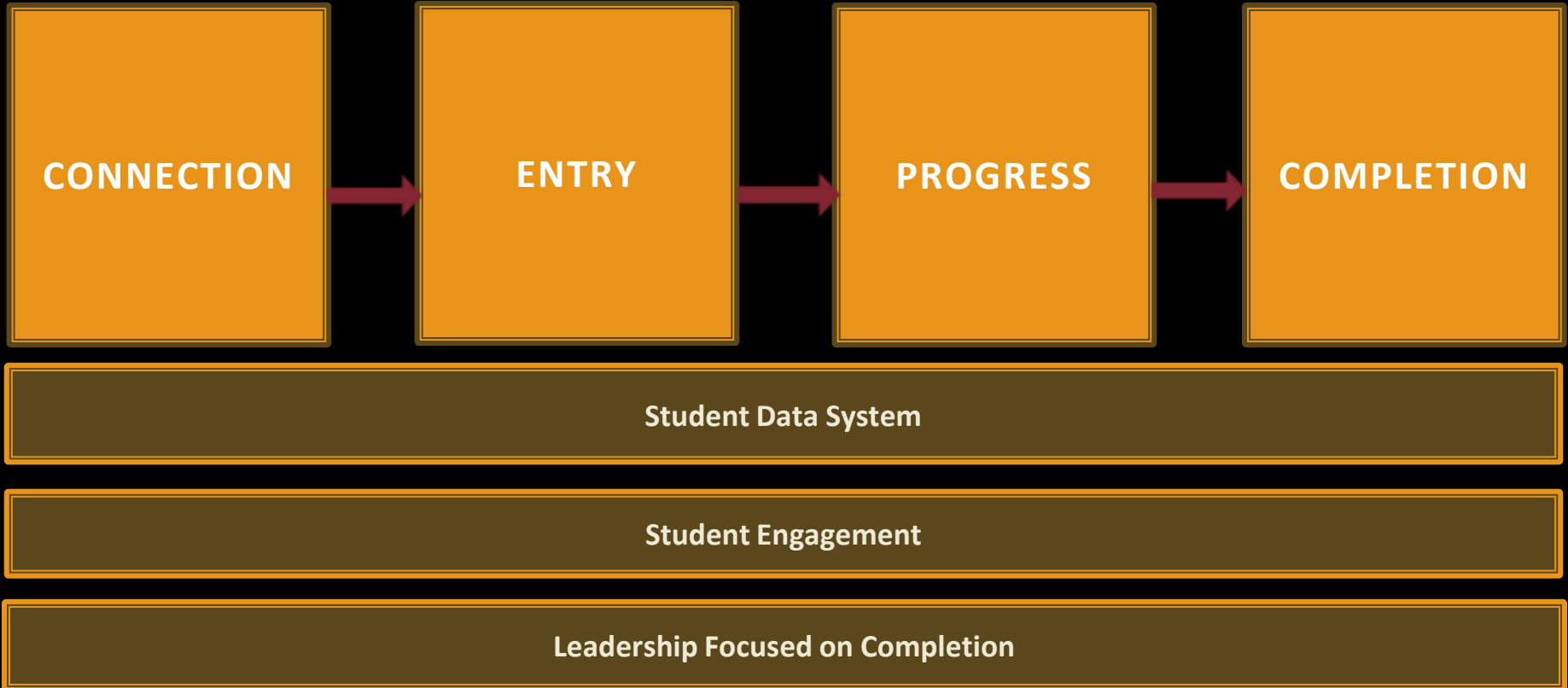
Paid Credit-bearing Internships

Credit-bearing On-Campus Work Study

Cooperative Education (Coops)

COLLEGES

Renewal and Redesign



New Models

MISSION HS



Mission *Early College*
High School

1070



e [School Information](#) [Departments](#) [Student Organizations](#) [...](#)

Early College High School | Monday, 10 March 2008

school of
one

Bridging The Divide
Between High School And College





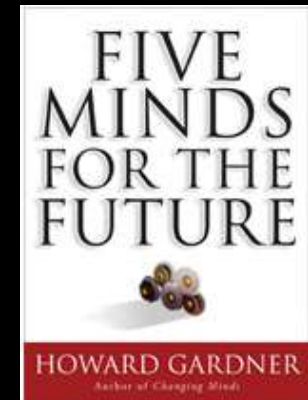
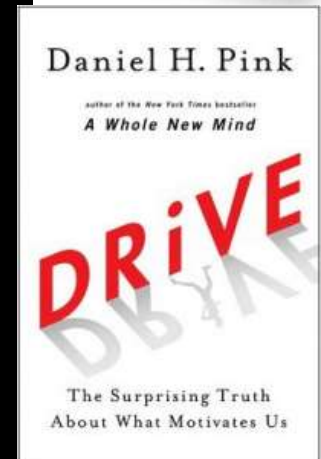
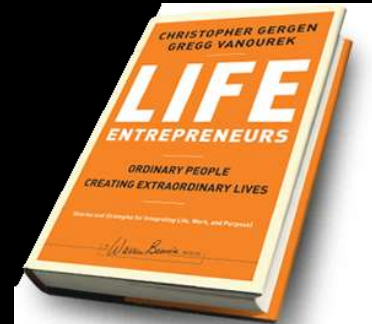
Credentials that Count

STEM, National & Local Focus



Learning for a Lifetime

- Critical
- Creative
- Social
- Courageous



Courageous Learning

“In times of drastic change, it is the learners who inherit the future. The learned usually find themselves equipped to live in a world that no longer exists.” --Eric Hoffer



Conversations to Consider

Academic Catch Up

Learning Innovations and Technology

Learn and Earn

Renewal and Redesign

New Models

Credentials that Count

Learning for a Lifetime



An Optimist's Education Agenda *Moving to Increase Access and* *Success in Higher Education*

BILL & MELINDA
GATES foundation

Mark David Milliron
mark.milliron@gatesfoundation.org