



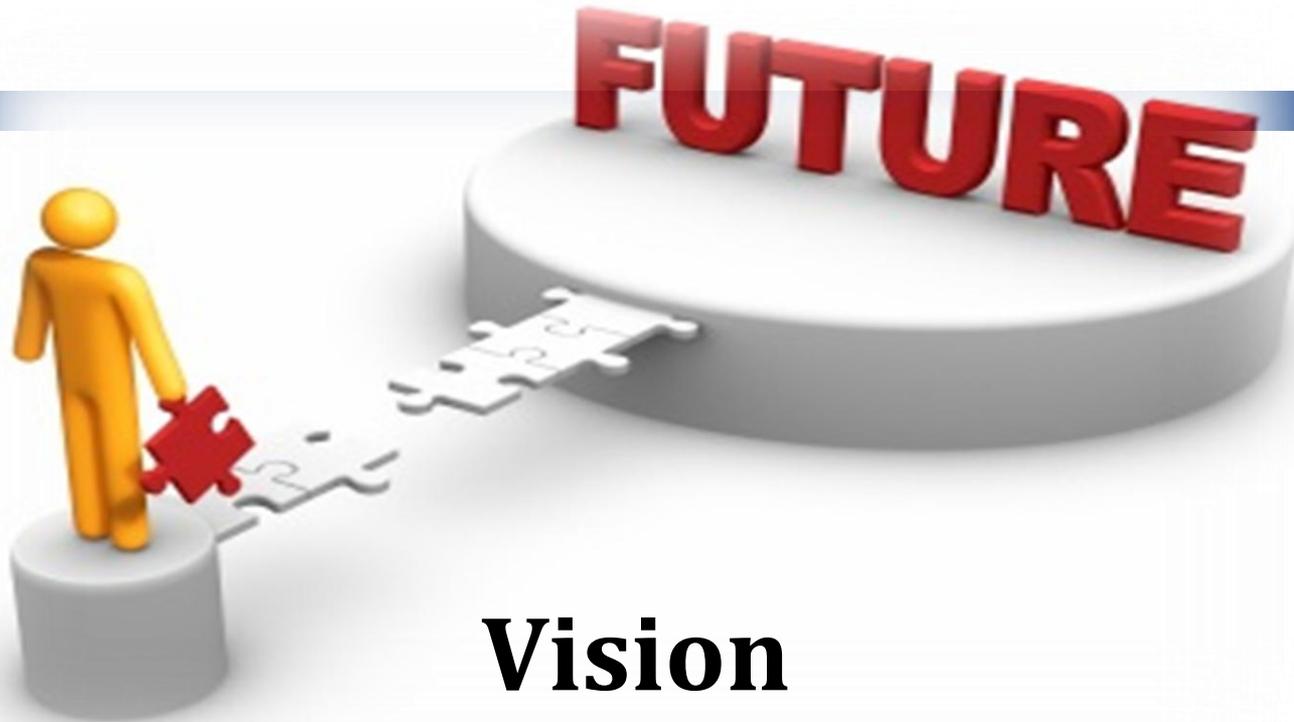
PATHWAYS TO PROSPERITY, MISSOURI

July 2014

Missouri Department
of Elementary and Secondary Education

Pathways to Prosperity Missouri

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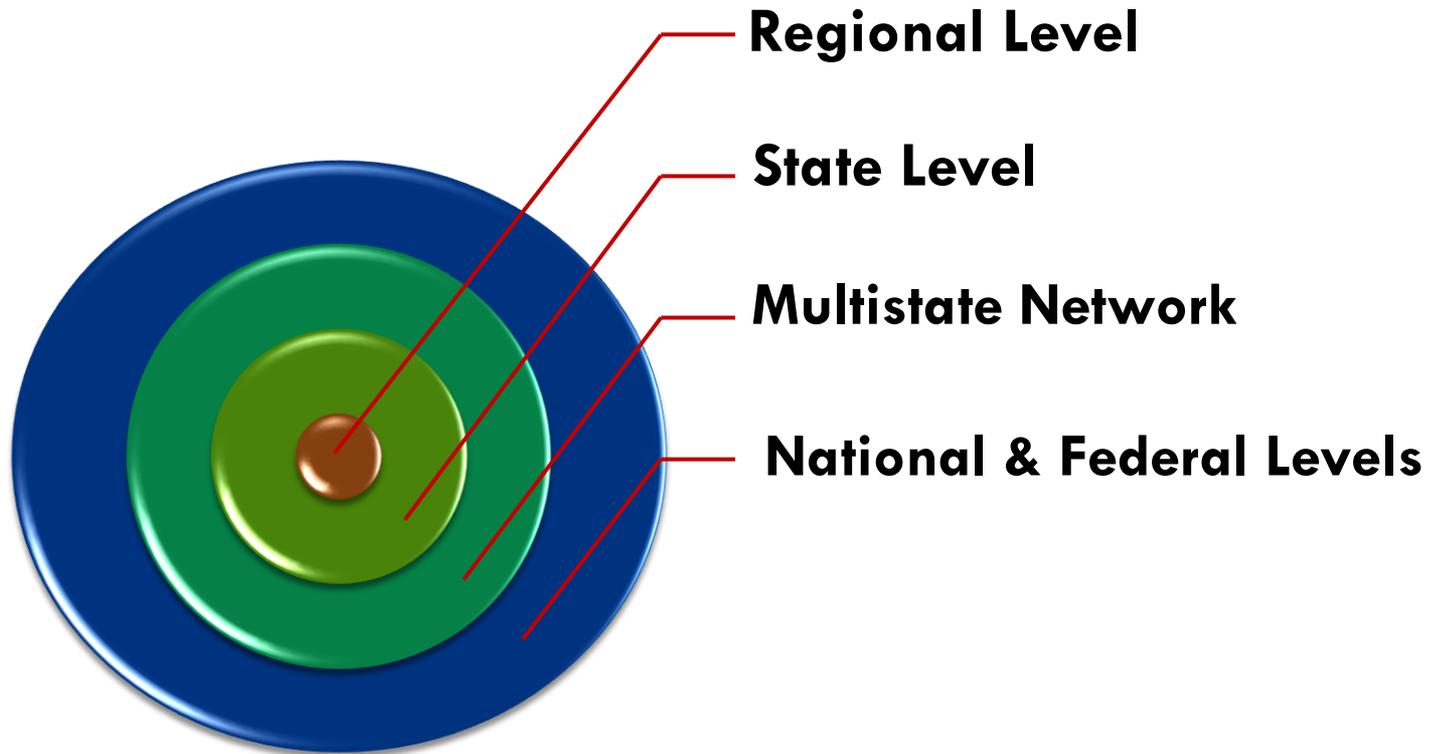
Vision

All Missouri students will graduate from high school college and career ready, prepared for postsecondary opportunities that position students to earn a living wage.



FOUR LEVELS OF PATHWAYS WORK

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Pathways to Prosperity

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The Harvard Graduate School of Education released the *Pathways to Prosperity* report in February 2011, asking:

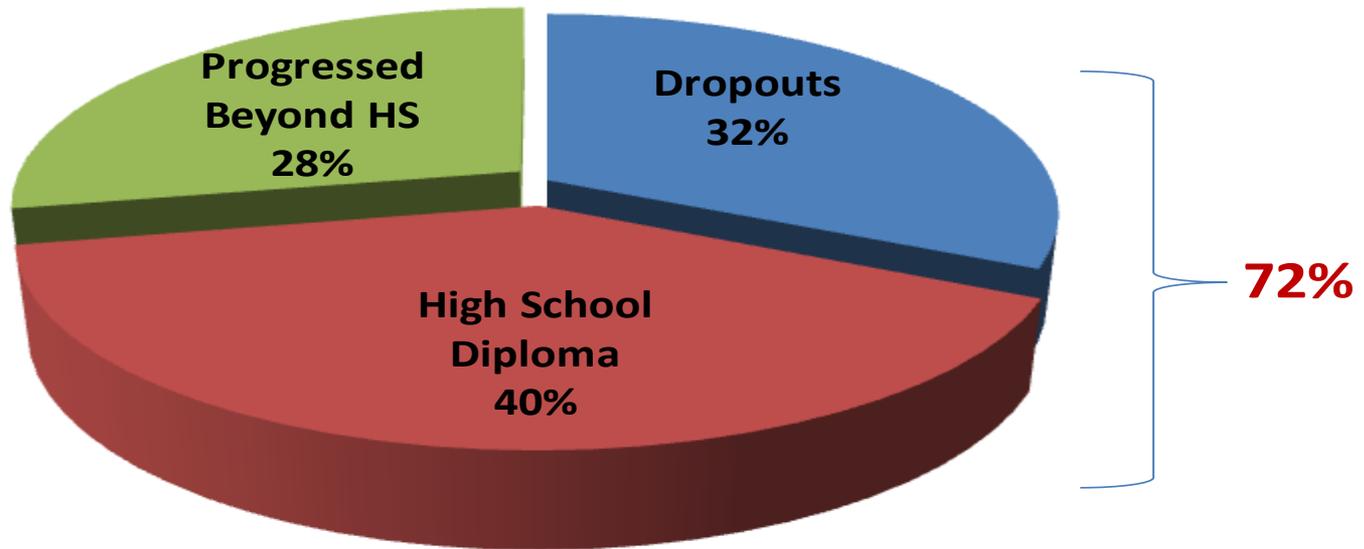
- ❑ Why haven't we made more progress in improving education in the United States?
- ❑ To what extent are we preparing young people to lead successful lives as adults? At the end of the day, do they have sustainable careers?
- ❑ What could we do differently to better develop students' college AND career readiness and success?

BOTTOM LINE: (at least) 50% OF 25 YEAR OLDS ARE NOT PREPARED FOR THE WORKFORCE



Nation's Workforce in 1973

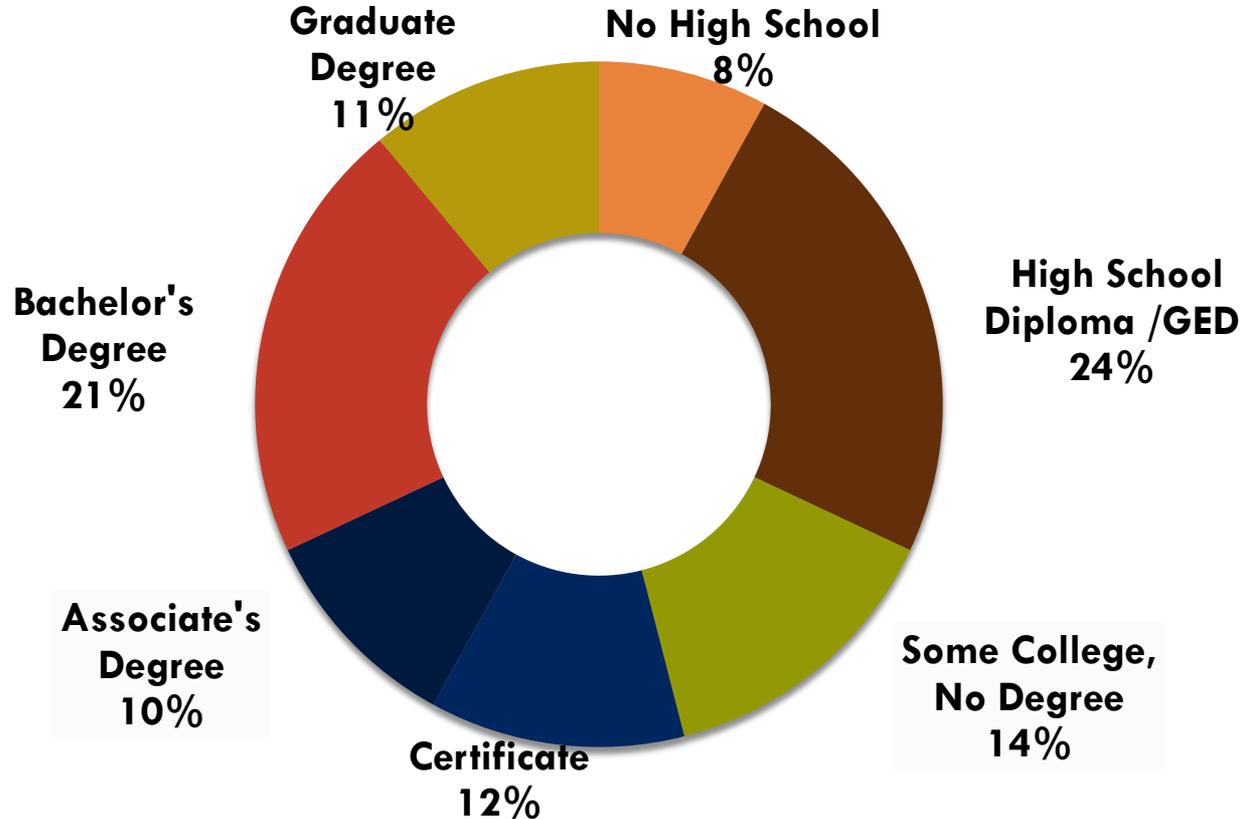
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Source: March CPS data, various years; Center on Education and the Workforce

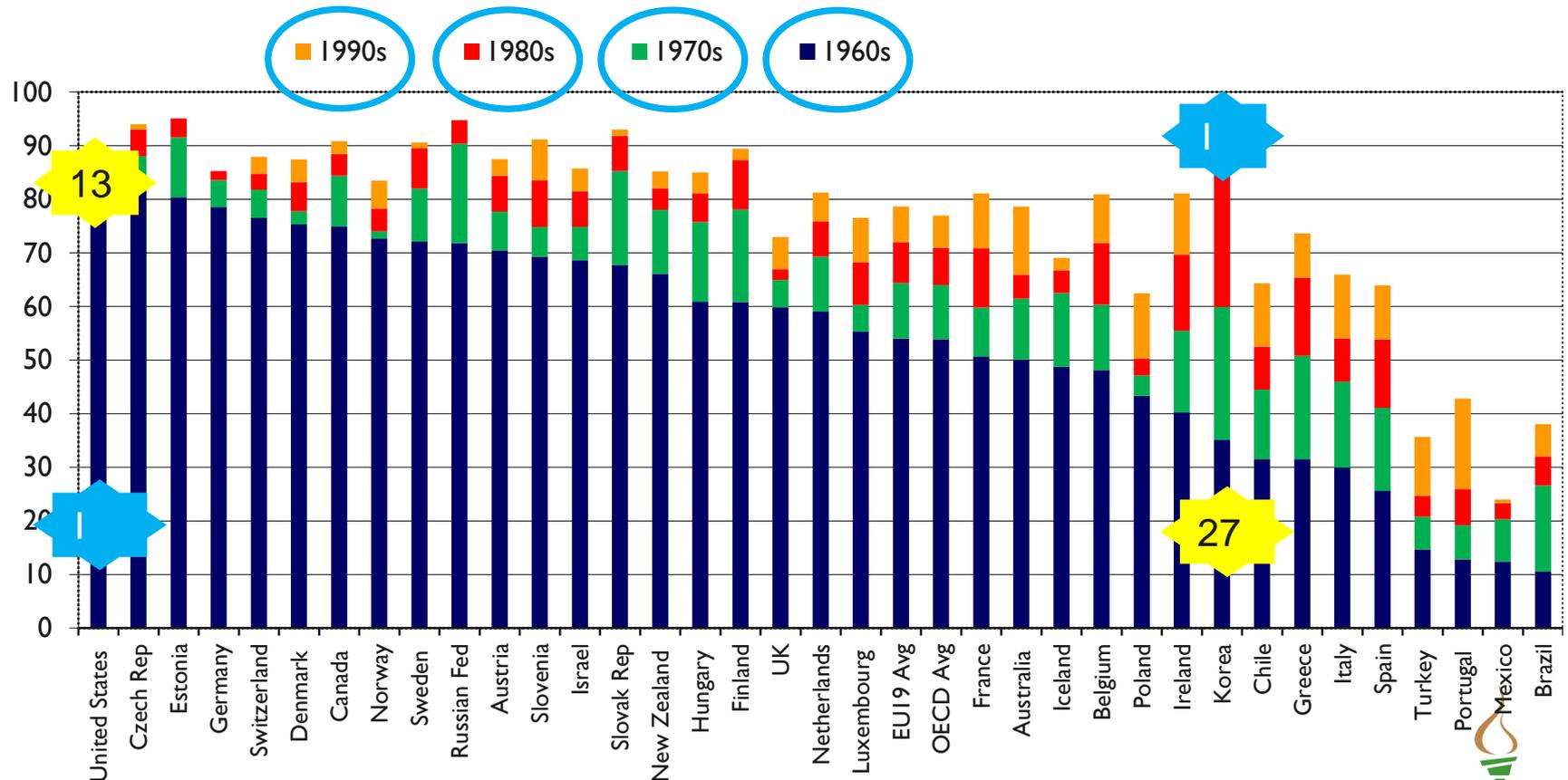
EDUCATION LEVEL OF U.S. LABOR FORCE

6



Source: Georgetown Center on Education and the Workforce, 2012

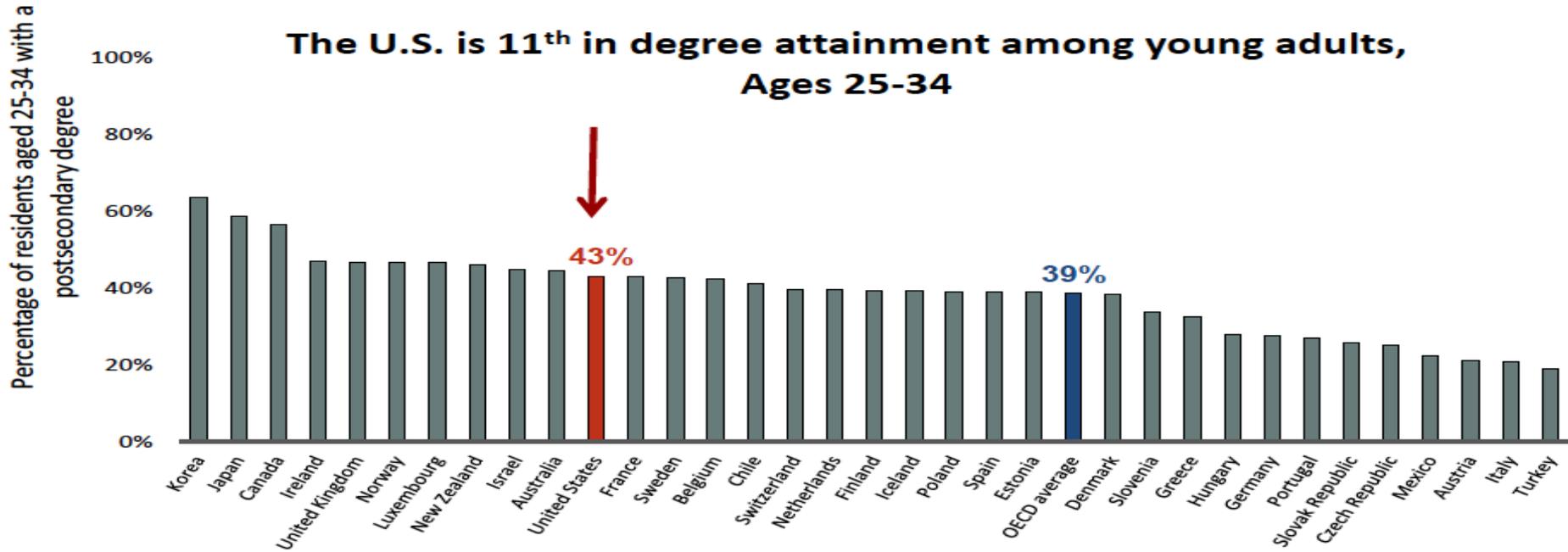
U.S. HIGH SCHOOL GRADUATION RATE STAGNATING



Source: Schleicher (2007) based on OECD data. Approximated by percentage of persons with high school or equivalent qualifications in the age groups 55-64, 45-55, 35-44, and 25-34 years

THE U.S. LAGS IN COLLEGE COMPLETION

8

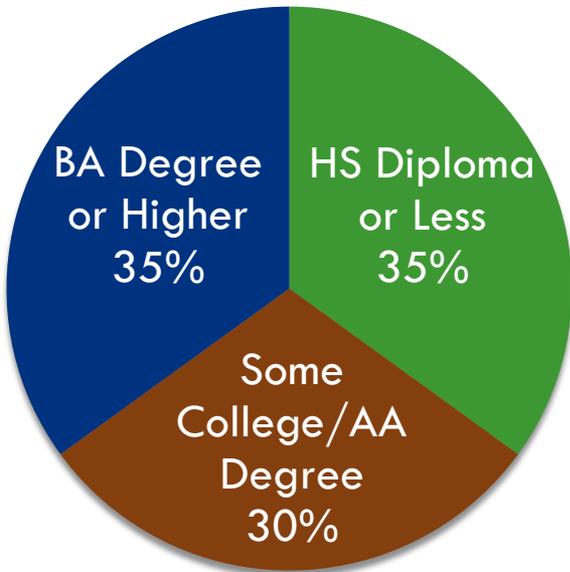


Source: Organisation for Economic Co-operation and Development, Education at a Glance 2013 (2011 data)



ADDRESSING THE SKILLS GAP THROUGH PATHWAYS

Nationwide →



Missouri ↘

For a strong economy, the skills gap must be closed.

60%

By 2020, jobs requiring a career certificate or college degree

37%

Missouri adults who currently have an associate degree or higher

23%

Skills gap

Data: See the Sources and Methodology section on our website.



INCREASING DEMAND, BUT UNABLE TO KEEP UP

10

14 million people unemployed  3 million jobs vacant

In a 2011 McKinsey survey of 2,000 U.S. companies, **two thirds reported difficulty in filling job vacancies** for reasons including:

- insufficient job experience
- unsuitable work habits
- insufficient educational qualifications
- poor communication ability



In Missouri, STEM skills have stayed in demand even through the economic downturn.

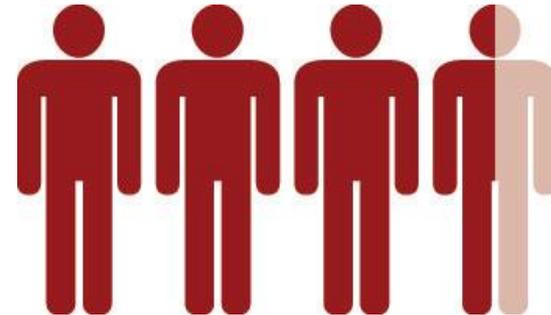
STEM

Non-STEM

**3.1 jobs for every
1 unemployed person**



**3.7 unemployed
people for every 1 job**



What Does this Mean for Your Students

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You have the opportunity to create pathways for your young people through building partnerships that prepare students for college, career, and a lifetime of citizenship

- How do youth in your district learn about career/college possibilities?
- How many young people do you know who are working, and how did they find their jobs?
- How do local employers currently support education (high school and college) in your district?
- How do high schools work with colleges? Any dual enrollment?
- How is your district connecting education, workforce, and economic development? Are there regional goals across them?



Connecting the Dots...

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- Strong career pathways incorporate:
 - Challenging Academics
 - Demanding Technical Core
 - Early College
 - Profession-Based Learning
 - Career Guidance



Business Partners

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- Connects the world of work with education
 - Mentoring
 - Classroom Speaker
 - Student Internships
 - Teacher Externships
 - Job Shadowing
 - Project Facilitation
 - Business Tours



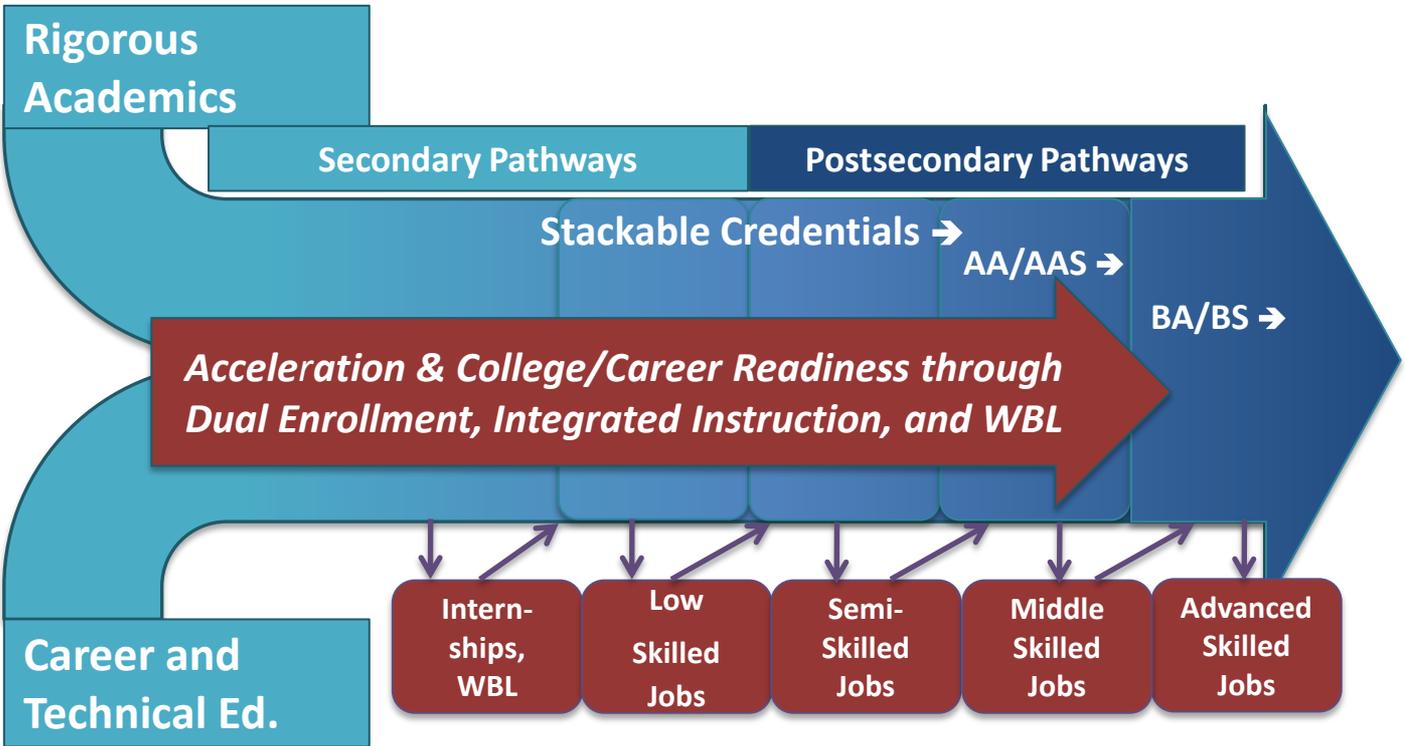
Education Partners

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- Connects learning with the world of work
- Technical Assistance Provided to:
 - Develop Strong Programs of Study
 - Strengthen Existing Pathways
 - Broaden Business Networks
 - Expand Student Internships
 - Foster Teacher Externships
 - Enhance Guidance & Career Advising Programs



GRADES 9-14 INTEGRATED PATHWAYS



System Outcomes:

- Financially sustainable, aligned and integrated 9-14(+) career pathway systems
- Increased number of skilled workers with credentials of value to the labor market
- Greater cost efficiencies by reducing duplication of services

Winning the Generation Game

Baby Boomers



Gen X



Millennials



PATHWAYS TO PROSPERITY MISSOURI

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