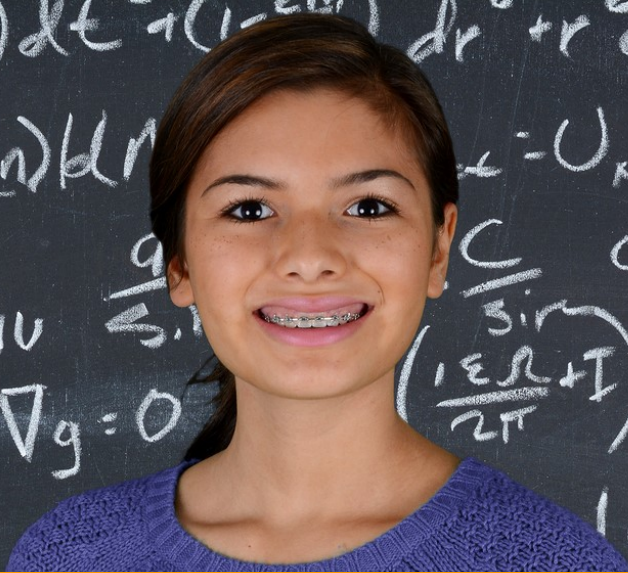


**ACYI**  
**8th Grade Math**  
**Collaborative**  
**Action**  
**Network**



**By 2020, 65% of jobs in the nation will require credentials past high school.**



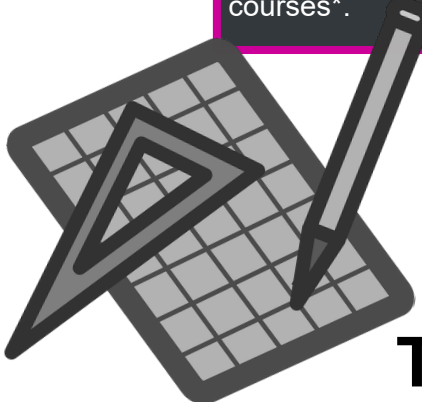
**OUR GOAL:** Increase the 8th grade math performance of youth in Adams County through the collective efforts of cross sector partners focused on eliminating barriers and investing in what works.

**WHY 8TH GRADE MATH?** With the overarching goal of ensuring that our children and youth become productive, contributing members of the workforce, ACYI is focused on increasing student achievement and the safety and well-being of children and youth in our community. To support this effort, ACYI has identified critical points along the cradle to career pipeline which will impact that goal.

**Success in 8th Grade Math performance has become an important milestone for high school persistence, academic achievement, post-secondary completion, and general preparedness for the workforce.** Take for instance the following...

- There is a strong link between mathematics curriculum and post-secondary enrollment\*.
- Middle grade math, commonly considered to be Algebra I, is essential for success in high school math.
- Students completing algebra in 8th grade are more likely to stay in the mathematics pipeline longer and attend college at higher rates\*.
- Research indicates that students successfully completing middle grade math perform better in geometry, more advanced algebra, trigonometry and calculus.
- Approx. 23% of entering college freshmen fail math placement tests and are placed in non-credit-bearing remedial courses\*.
- Middle school algebra opens the gateway to advanced courses in high school which is highly valued for admission to colleges and universities\*.
- Basic algebra has been referred to as the "gatekeeper subject" because of its correlation to both college and career success.

\*For data source info visit: [ACYI.org/CAN/8thGradeMath](http://ACYI.org/CAN/8thGradeMath)



ADAMS COUNTY  
 YOUTH INITIATIVE

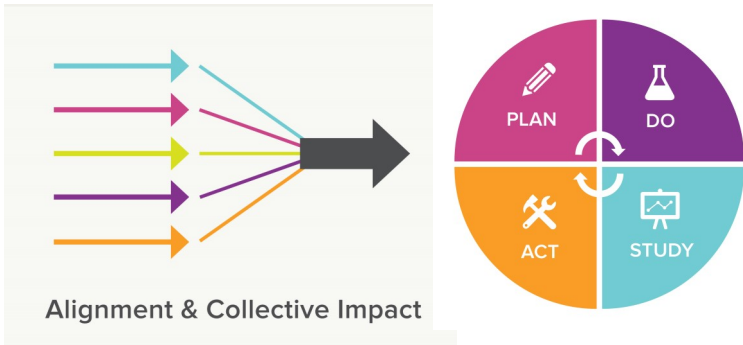
cradle to career

Together We **CAN.**



# Together We CAN.

**HOW?** The 8th Grade Math Collaborative Action Network (CAN) functions as a collective impact mechanism that brings practitioners and partner organizations together to provide cross-sector coordination of efforts in areas that impact 8th grade math performance.



## TOGETHER WE WILL...

- ✓ Focus on county wide and disaggregated data
- ✓ Work to understand barriers
- ✓ Engage youth in our work
- ✓ Focus on equity
- ✓ Set goals and work on projects
- ✓ Receive technical assistance and support to help accomplish goals
- ✓ Seek resources to support efforts
- ✓ Determine what works and scale those efforts

**COMMITMENT** It is our intent that CAN members have a sense of shared ownership over improvement in the Cradle to Career Outcome area they have aligned to and eventually will be tasked to set targets for The Partnership in moving the needle in 8th grade math performance.

- Commit to attending and actively participating in monthly CAN Sessions
- Openly share information and best practices
- Agree to mutual accountability
- Agree to using data to inform work
- Implement CAN action steps as part of current work
- Adopt or adapt practices identified by the continuous improvement practice
- Share 'Stories of Impact'

**WHO?** Cross-sector practitioners and individuals who are interested in organizing around 8th grade math and collaborating to increase the success of our youth are invited to join this group.



- Educators
- Non Profit
- Business
- Law Enforcement
- Judicial
- Public Sector
- Volunteers



ACYI COLLABORATIVE ACTION NETWORK

**HOW TO GET INVOLVED?** Contact us to learn more about joining the ACYI 8th Grade Math Collaborative Action Network.

**ACYI.org | 720.972.3876**