



PATHWAY **2** CAREERS



From Classroom to Career

Strengthen Connections Between
Today's Lessons and Tomorrow's Opportunities

WE ARE



We believe that when education becomes relevant, learners can **fully** engage.

By bridging the gap between the classroom and real-world careers, we enable learners and educators to make meaningful connections between today's lessons and tomorrow's opportunities. In doing so, we answer the question students ask most:

When will I ever need to know this in the real world?

Our comprehensive career-connected learning solutions—grounded in industry-leading research and supported by expert technical services—remove barriers to implementation, narrow achievement gaps, and guide more students toward future success.

OUR MISSION

We're dedicated to clearing the biggest hurdles in education by challenging current approaches and motivating student learning through career-connected relevance.

OUR VISION

By connecting classroom to career, we can transform the future prosperity of all students and whole communities.



From the Classroom to Career

Strengthening connections between education and the workforce for student success

Most of today's high-paying jobs require education or training beyond high school. Yet, nearly 40% of students who start college fail to earn a degree within eight years. Even among graduates, 52% are underemployed a year after graduation.¹

At the same time, 74% of American businesses report struggling to find workers with the right skills, highlighting a disconnect between education and workforce needs.² Misaligning education and career leads to underemployment, economic strain, and missed opportunities for both students and industries.

To create a stronger, more equitable workforce, we must rethink how we prepare students for their futures.

By integrating career-connected learning into education, we can create pathways to high-value careers, strengthen economic development, and build a workforce ready to meet the demands of today's job market.



40%

Of students starting postsecondary programs do NOT earn a degree in 8 years.



52%

Of recent grads are underemployed or working jobs that do not require a college degree.



74%

Of hiring managers agree that a 'skills gap' persists in the current US labor and hiring economy.

¹<https://www.insidehighered.com/news/students/academics/2024/04/10/study-half-students-started-never-finished-college>

²<https://static1.squarespace.com/static/6197797102be715f55c0e0a1/t/65d62ebce0cf8f07e3d6e006/1708535486302/Talent+Disrupted+02212024.pdf>

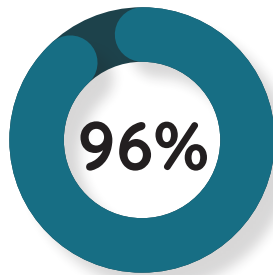
Meet P2C Math.



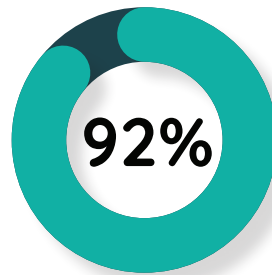
By linking mathematics to real-world applications, P2C Math helps students understand the value of their everyday math lessons, thereby increasing engagement, skill retention, and long-term success.

Career-connected learning drives economic growth by boosting student motivation and persistence. P2C Math puts this into action by linking education to careers, expanding access, and closing performance gaps for a more equitable future.

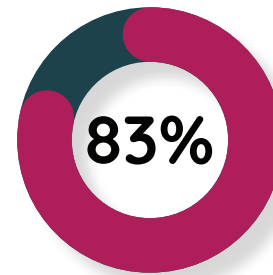
What are teachers saying?



Reported the career content as interesting and engaging.



Observed an increase in math performance.

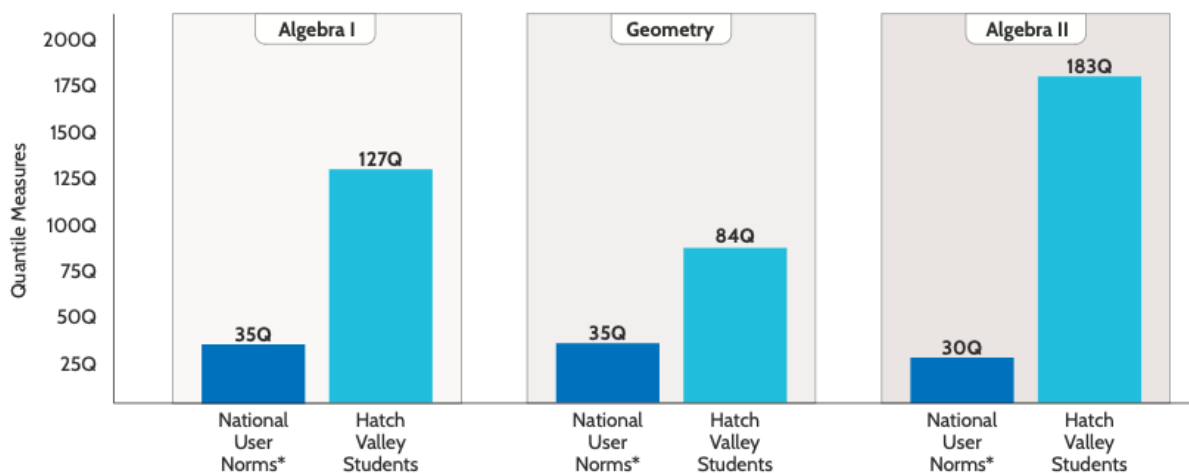


Reported an increased interest in career exploration.

What results are schools seeing?

At New Mexico's Hatch Valley High School, Algebra I students realized more than a 90-point gain in their Quantile measures, and Algebra II students saw an amazing 150-point leap in their measures—in just one school year of learning with the program.

◆ AVERAGE GROWTH BEGINNING OF YEAR (BOY) TO END OF YEAR (EOY)



* 50th Percentile



The real problem is changing the behavior the students have toward math. We keep trying to think up a better math problem that'll fix it. But what we really have to do is take a step back and ask: 'How do we engage students differently?'

—Dr. Joseph Goins, Founder and CEO of P2C



P2C Math transforms math education by emphasizing comprehension and real-world relevance.

When students see a purpose in their learning, they perform better.

With more than 650 career connections and nearly 200 application lessons, P2C Math helps students explore high-value jobs, using state-specific data like salary projections and career outlooks. Integrated assessments, powered by the Quantile[®] Framework, measure readiness for advanced skills and link math aptitude to career goals.

Application Lessons

Each application lesson highlights one in-demand, high-value career, emphasizing how that role uses the mathematical concepts being taught. Career spotlights include an overview of the occupation, including job responsibilities, salary, career projections, and a video featuring a professional. These lessons directly answer the question, "Why do I need to know this?" while introducing students to careers they may not have heard of or considered.

Exploration Lessons

Exploration lessons focus on building students' skills by guiding them through mathematical concepts with structured notes and examples. They highlight multiple careers that apply these skills in real-world settings, helping students see the broader relevance of math. Each lesson also includes at least two real-world problems, challenging students to apply what they've learned in occupational contexts.

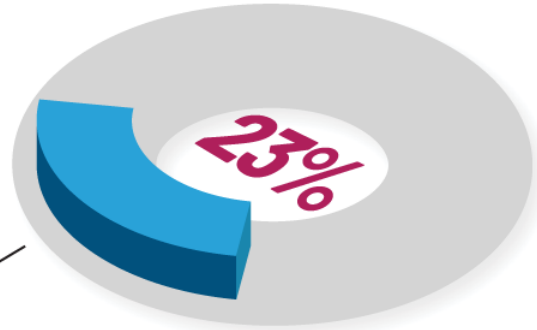
Want to explore these lessons firsthand?
Contact us for sample materials.
p2c.org/schedule-a-demo/



**GRADE 8
MATHEMATICS | 2024**
ACHIEVEMENT LEVELS - at or above Proficient

3 ↑ Jurisdictions performed significantly higher
10 | Jurisdictions not significantly different
13 ↓ Jurisdictions performed significantly lower

2024 Large city percentage at or above Proficient



Source: <https://www.nationsreportcard.gov/profiles/districtprofile?sfj=NL&chort=2&sub=MAT&sj=&st=AP&year=2024R3>



Schools don't have an Algebra problem...they have an algebra readiness problem.

P2C Math Bridge closes learning gaps, combats learning loss, and ensures students have the fundamental skills needed to succeed in high school math.

Bridge offers 175 lessons that provide scaffolded support for students to sharpen their core math skills before tackling Pre-Algebra, Algebra I, Geometry, and Algebra II coursework.

Unlike traditional interventions, Bridge features:

Fundamental reviews. Bridge is most often used in 9th grade but pulls in essential concepts from grades 4-7 to establish a strong foundation for later success.

Age-appropriate content. Bridge lessons engage high school students by connecting math to real-world careers, making it relevant to their experiences and perspectives.

How can educators implement P2C Math Bridge?

Complete Solution

Adopt it as a year-long course to prepare students with significant learning gaps for the rigors of high school math standards.

Supplement

Pick and choose individual lessons to support students who need extra scaffolding support before engaging with new content.

Targeted Intervention

Use lessons with an entire class or in small groups to target common challenges, providing structured support when students need it the most.

Targeted Support

Leverage the curriculum as a go-to resource for helping students navigate anticipated challenges, reinforce grade-level course content, and close learning gaps.

Career-connected learning, the P2C way.

P2C is a leader in career-connected learning, offering data-driven solutions that help school districts align education with workforce needs. By integrating regional labor market insights and career exploration tools, P2C equips educators with the resources to prepare students for academic and career success.



Guiding Students Toward Their Future

P2C Career Explorer provides engaging, age-appropriate curriculum to help students discover careers that match their interests.

Through career assessments and interactive learning, students identify high-value career opportunities, explore industries, and build personal portfolios to track their goals. This process fosters career awareness, self-discovery, and informed decision-making, ensuring students are motivated and prepared for their future paths.

P2C Career Tools

Empower students to make informed career decisions via digital exercises and tools that support personal discovery, including our Interests Matcher, Values Matcher, Cluster Matcher, and more—all accessible to students, teachers, and career counselors 24/7.

P2C Career Exploration Curriculum

Brings the four stages of career exploration— personal discovery, career awareness, career evaluation, and career preparation—to life through 119 lessons composed of age-appropriate activities that complement your existing curriculum.

P2C Career Story Playlist

Provide students with a lens into diverse career journeys via 32 lessons that spotlight authentic career narratives of real people across each of The National Career Clusters® Framework's 14 Career Clusters.

Employability Skills Playlist

Help students acquire and advance the nine employability skills recognized by the U.S. Department of Education and the U.S. Department of Labor.

My Career Page

Enable students to manage their career discovery journey in one place and share their insights with educators, fostering meaningful conversations about their career pathway decisions.



CAREER EXPLORATION: Interview with an Entrepreneur

LEVEL: 1 ESTIMATED TIME: 60 minutes, multi-day

CAREER EXPLORATION AREAS

Financial Literacy: Protecting & Insuring
 Concepts: risk, cost/benefits
 4-4a: List several businesses they would be interested in owning as an entrepreneur.
 8-9a: Investigate the motivating factors to being self-employed or working as an independent contractor in the "gig" Economy.

CORE SUBJECTS

English Language Arts
 SL.6.1.A: Come to discussions prepared, having read or studied required material; explicitly draw on that preparation by referring to evidence on the topic, text, or issue to probe and reflect on ideas under discussion.
 SL.6.1.C: Pose and respond to specific questions with elaboration and detail by making comments that contribute to the topic, text, or issue under discussion.

Technology
 1.3.a: Students plan and employ effective research strategies to locate information and other resources for their intellectual or creative pursuits.

MATERIALS/SUPPLIES
 Material A Entrepreneur Interview Planning Guide
 Material B (optional) Entrepreneur Interview Learnings
 Material C (optional) Video Interviews with Entrepreneurs



Cultivating Lifelong Financial Skills

Most American adults report having financial anxiety and lacking basic financial literacy skills. Yet, less than one-quarter of American children say they talk to their parents frequently about money.

P2C Financial Literacy is designed to fill that gap. Its flexible, interactive high school lessons were developed in partnership with leading financial literacy experts at the American Public Education Foundation (APEF) and align to National Standards of Personal Financial Education set forth by the Council of Economic Education (CEE) and the Jump\$tart Coalition for Personal Financial Literacy.

P2C Financial Literacy Curriculum

Designed as a standalone course—86 digital, teacher-led lessons for grades 9–12, guiding students through essential financial skills and capstone projects.

P2C Financial Literacy Playlist Curriculum

Adaptable as supplemental material for middle and high school—49 teacher-led lessons that build essential financial skills like investing, credit, and insurance through age-appropriate, cross-curricular instruction.



Aligning Education with Workforce Needs

P2C Labor Market Navigator (LMN) leverages real-time labor market data to identify regional career opportunities and emerging job trends. It helps educators align curricula with in-demand careers and analyze district CTE performance.

LMN analyzes both regional workforce and education data to inform decision-making in three key areas:

District Overview

Provides demographic insights and CTE program data, assessing how well local schools prepare students for workforce demands.

Industry Overview

Analyzes key business sectors, top occupations, and high-growth industries to highlight current and future job opportunities.

Career Cluster Analysis

Uses the National Career Clusters Framework to pinpoint high-demand, high-wage careers and link them to regional labor market data.



OTHER Career Readiness Programs

Exposes students to career opportunities	✓	✓
Career repository with wage data and growth trends	✓	✓
State-specific career cluster data	✓	✓
Tools focused on education needs that simplify labor market review and career exploration	✓	✗
Career-focused math curricula aligned with learning standards and connects learning to high-value careers	✓	✗
Math assessments powered by Quantile Framework for Mathematics	✓	✗
Math assessment results linked to career preparedness measures	✓	✗
Guided career exploration curriculum for grades 6-12	✓	✗
Incorporates career readiness activities in everyday education practices with authentic, meaningful career connections	✓	✗



The connections to careers help students see the relevance of what they are learning. We're struggling to engage this generation of students—just getting them out of their cell phones. Pathway2Careers helps us do that.

- New Mexico high school math teacher



Get Started with Pathway2Careers!

Bridge the gap between education and industry with career-connected learning. Our comprehensive solutions prepare students for college and careers, ensuring real-world relevance and long-term success. Partner with us to bring impactful career readiness programs to your school.

Contact us



We used to tell them what they would use math for; now we show them what math is for.

-Dr. Joseph L. Goins, Founder and CEO
Pathway2Careers





PATHWAY **2** CAREERS

CONNECT WITH OUR COMMUNITY



NS4edPathway2Careers



@Pathway2Careers



P2C.com