



# How College and Career Pathways are Changing the Landscape for Teachers

Aaron Ball Ed.D., Director of College and Career Pathways



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# For Our Discussion

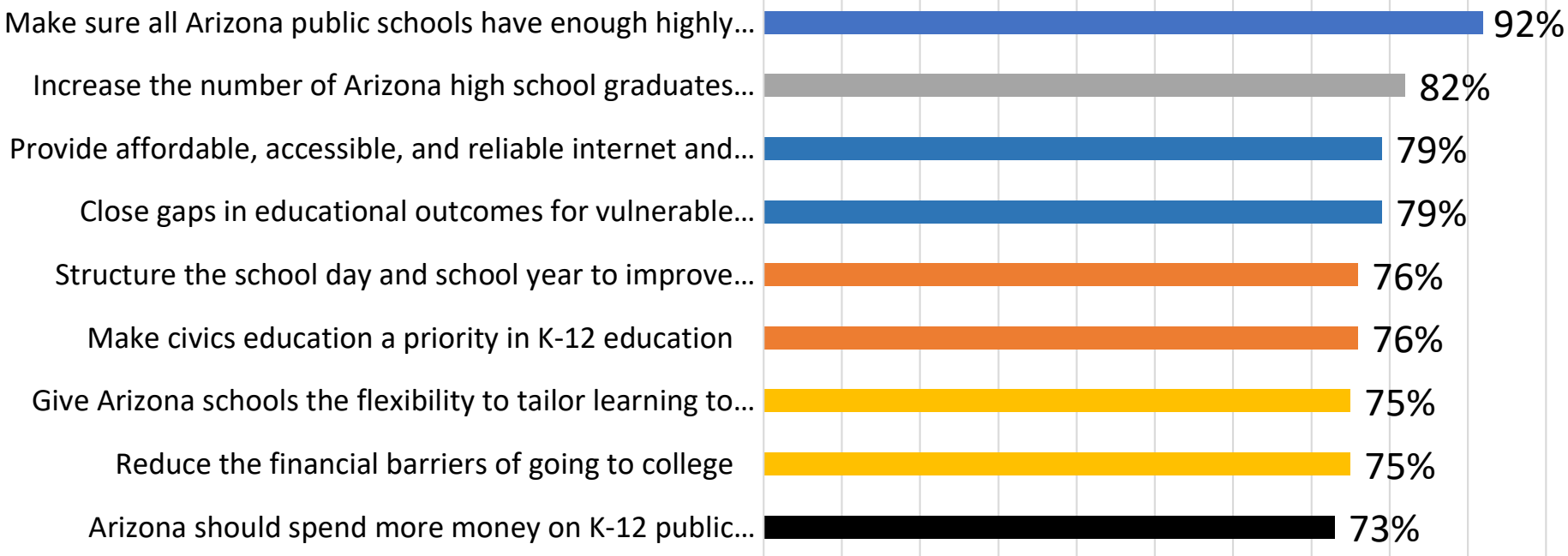
1. The implications of the Career Pathways “movement” on teachers and teaching
2. Career Pathways to teaching



# Gallup Arizona Survey Findings: Education Actions Arizonans Want



Arizonans agree on the following actions to improve our state’s education system.



# The Arizona We Want

**84%** believe that a highly educated and skilled population is good for the state's economy and that every child in Arizona deserves an excellent education

**82%** agree Arizona needs to increase the number of HS graduates who enroll in universities, CC or technical/trade schools and

**79%** of Arizonans believe it is important to close gaps in education outcomes for vulnerable populations.

Arizonans want to...

- Create more opportunities to build careers in Arizona, especially for young people.
- Work together to improve our communities, solve problems and keep building a democracy that works for all.



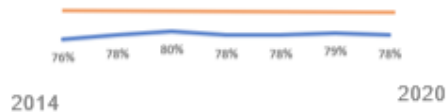
# The Arizona We Want. Progress Meters.

## High School Graduation Participation Rate

**76%**



Trend:



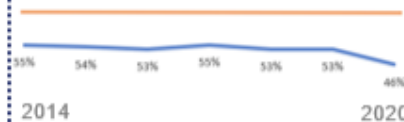
Goal: **90%**

## Post High School Enrollment Rate

**48%**



Trend:



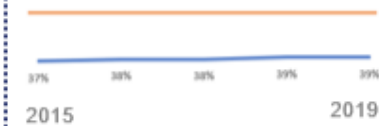
Goal: **70%**

## Post Secondary Attainment Rate

**39%**



Trend:



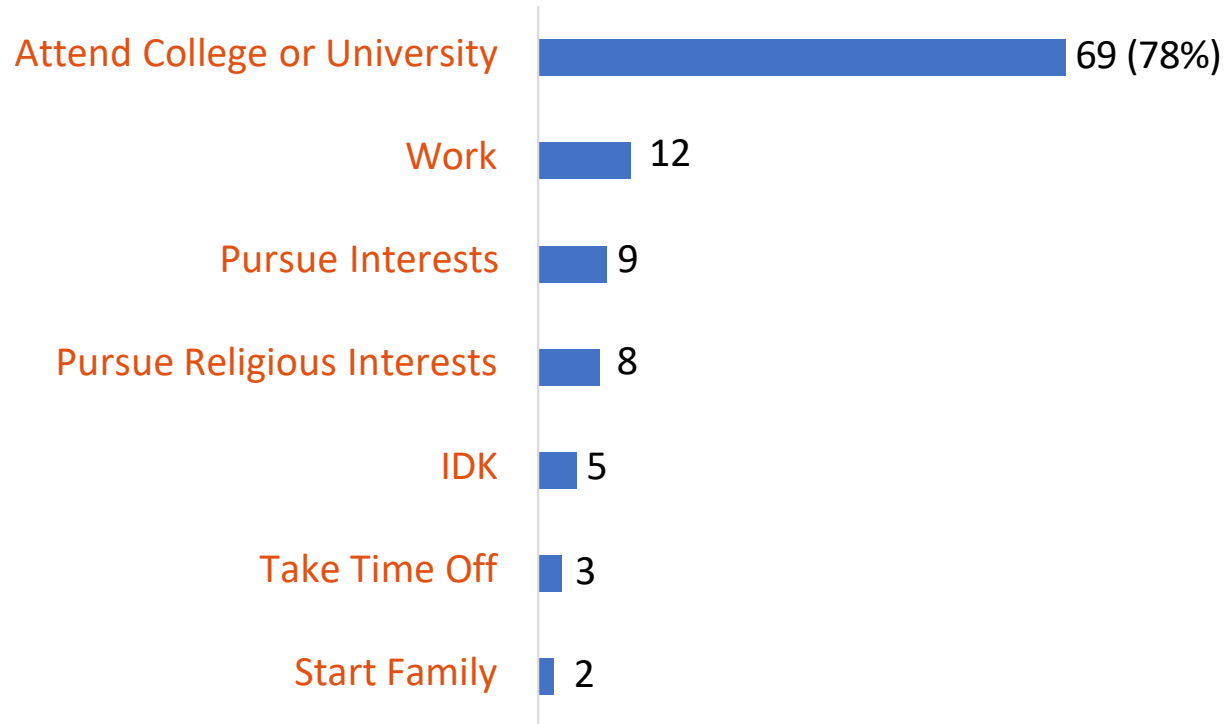
Goal: **60%**



## WHAT DO YOU WANT FOR THE FUTURE?

### What are your plans for after graduation?

N=88, respondents were able to enter more than one option.

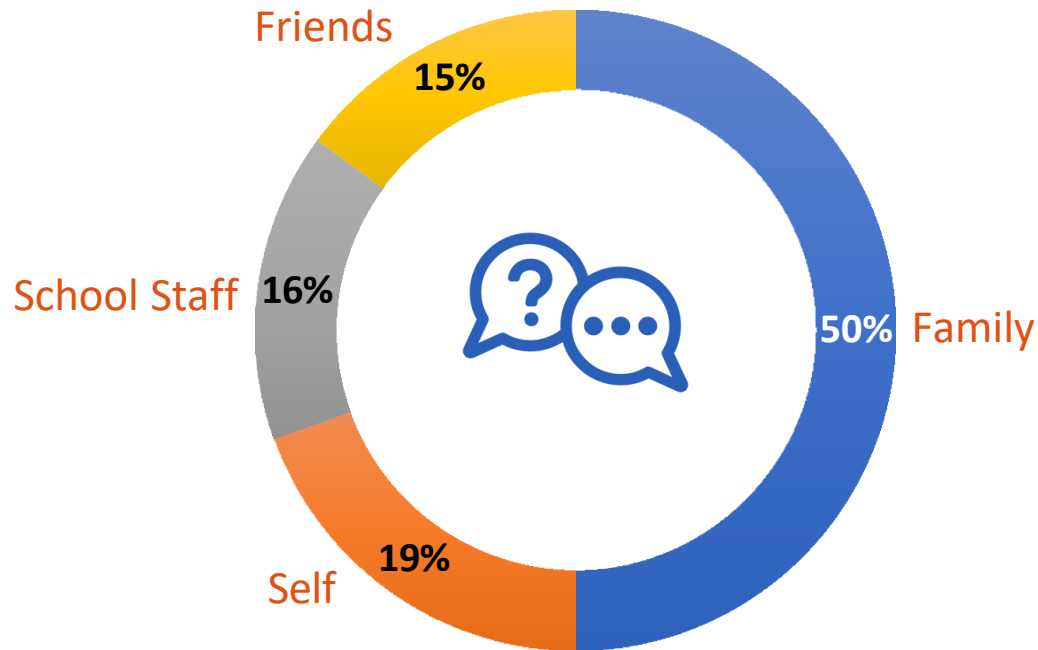




## HOW DO YOU MAKE IMPORTANT DECISIONS ABOUT THE FUTURE?

Who helps you make important life decisions?

N=88, respondents were able to enter more than one option.



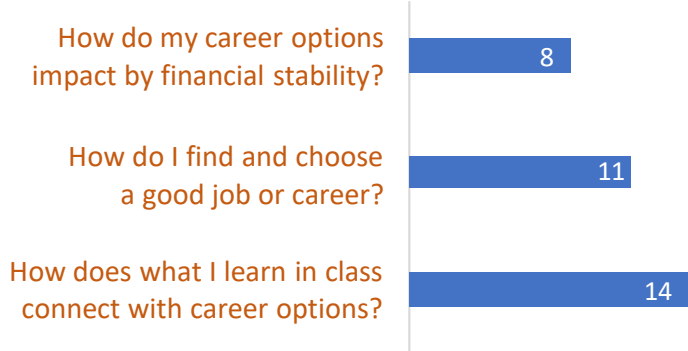


# WHAT INFO DO YOU NEED TO PREPARE FOR YOUR FUTURE?

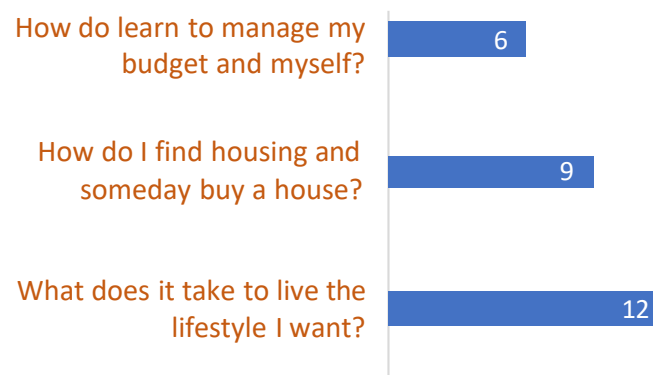
## What do you wish you knew about...?

N=50, student focus group

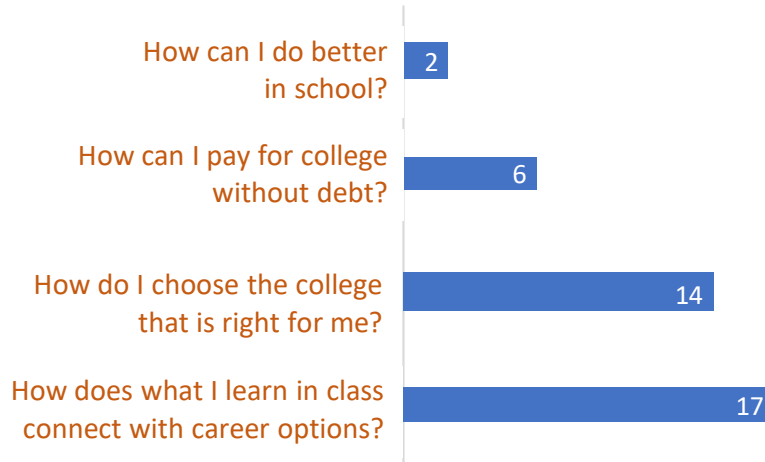
### WORK



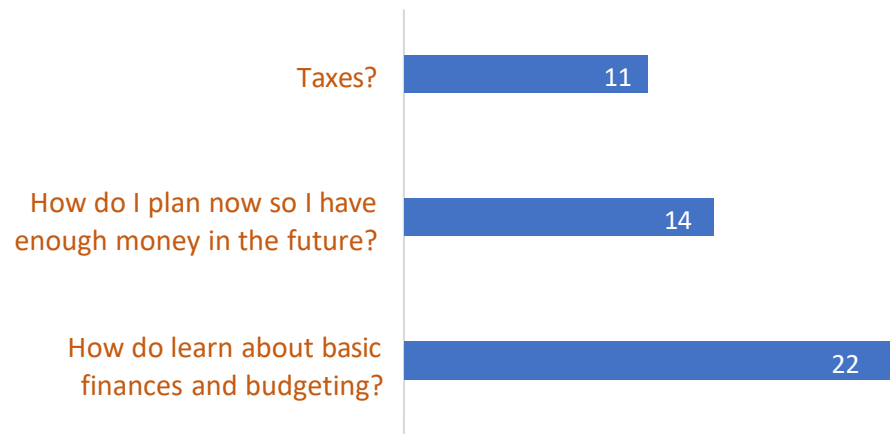
### LIFESTYLE



### EDUCATION



### FINANCES





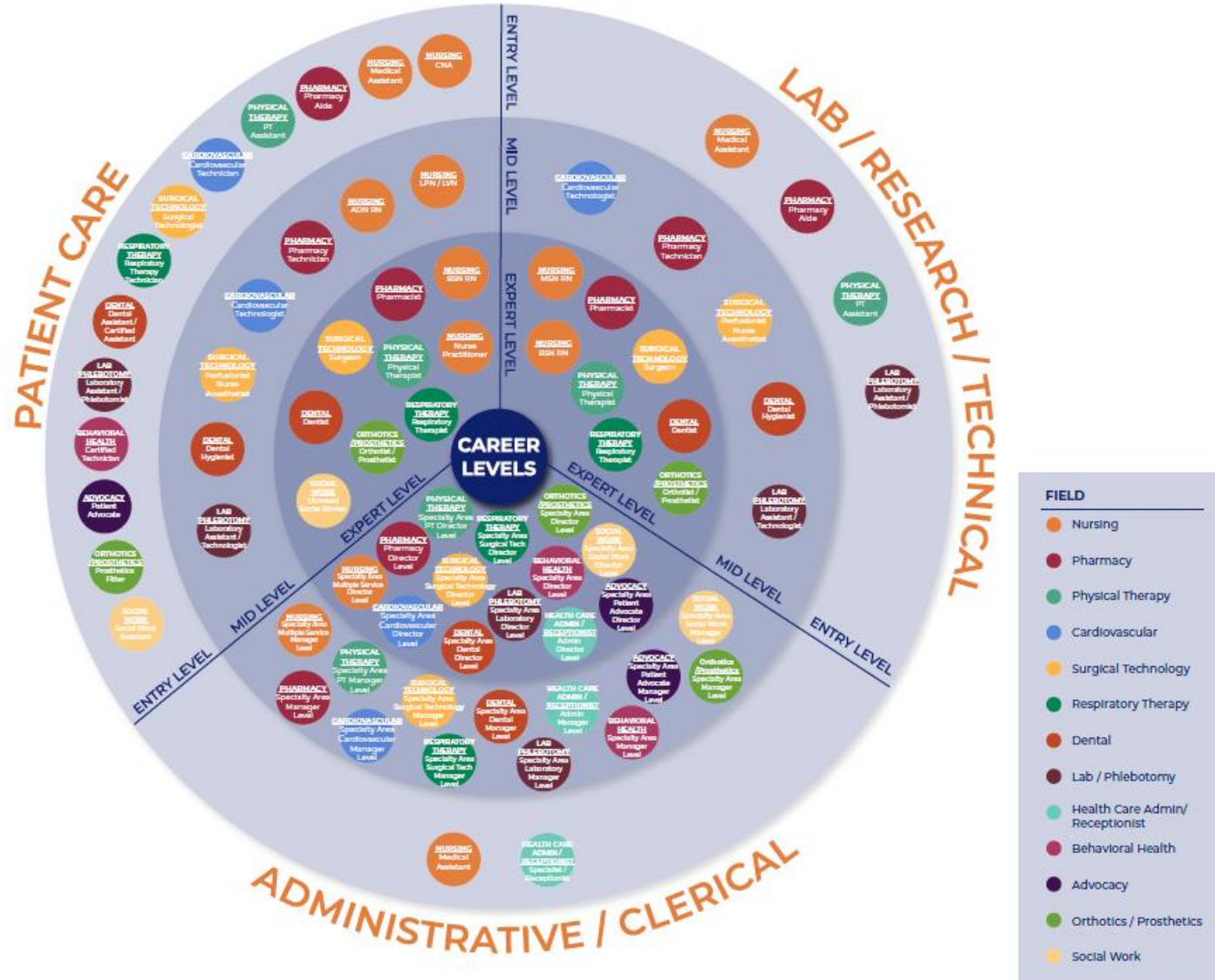
# Arizona Pathways to Prosperity



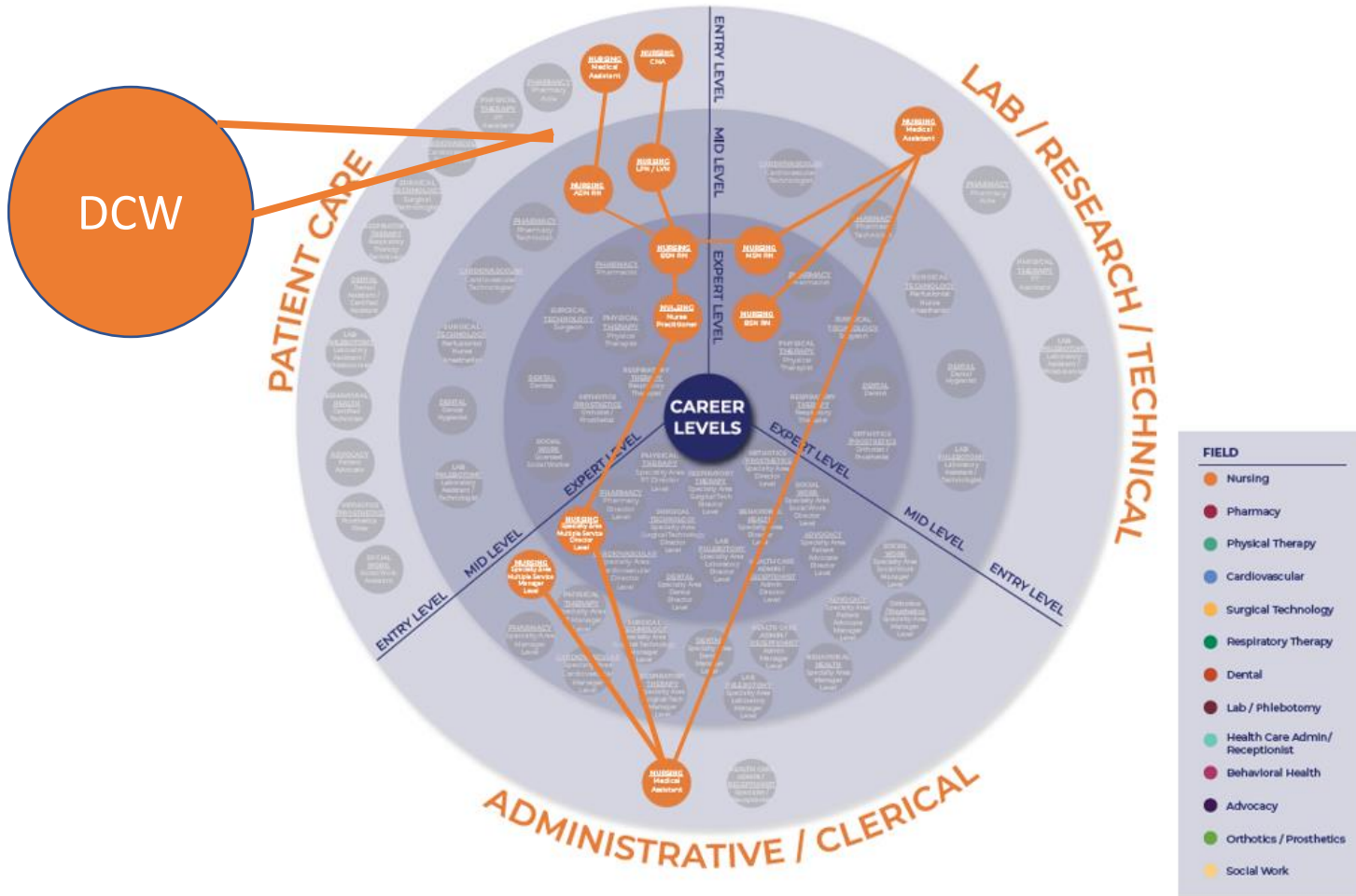
**Systems of early college career pathways that span grades 6-14+, enabling students to transition smoothly through high school, into higher education, and onto family-supporting careers—particularly in high-demand sectors like information technology, energy, healthcare, and advanced manufacturing**



# Complex Labor Market



# Complex Labor Market



# Career Exploration



Gain awareness of and exposure to a wide array of careers



Increase self-awareness and begin to form their potential occupational identity



Develop employability skills



Develop foundational technical skills as appropriate



Be positioned to make more informed educational choices



Transition to high school or post-secondary with an actionable plan for next steps





## Impacts of Dual Enrollment

Dual enrollment students more likely to go on to college-

2017- 2.3x

2018- 2.3x

2019- 2.1x

IEP- 2.8x

Hispanic- 2.3x

Low- Income 2.3x

Year one to year two persistence-

1.2x for all DE students

Dual Enrollment in Arizona High Schools — Participation Rates and Effects on College-Going Patterns- Helios Education Foundation (2023)

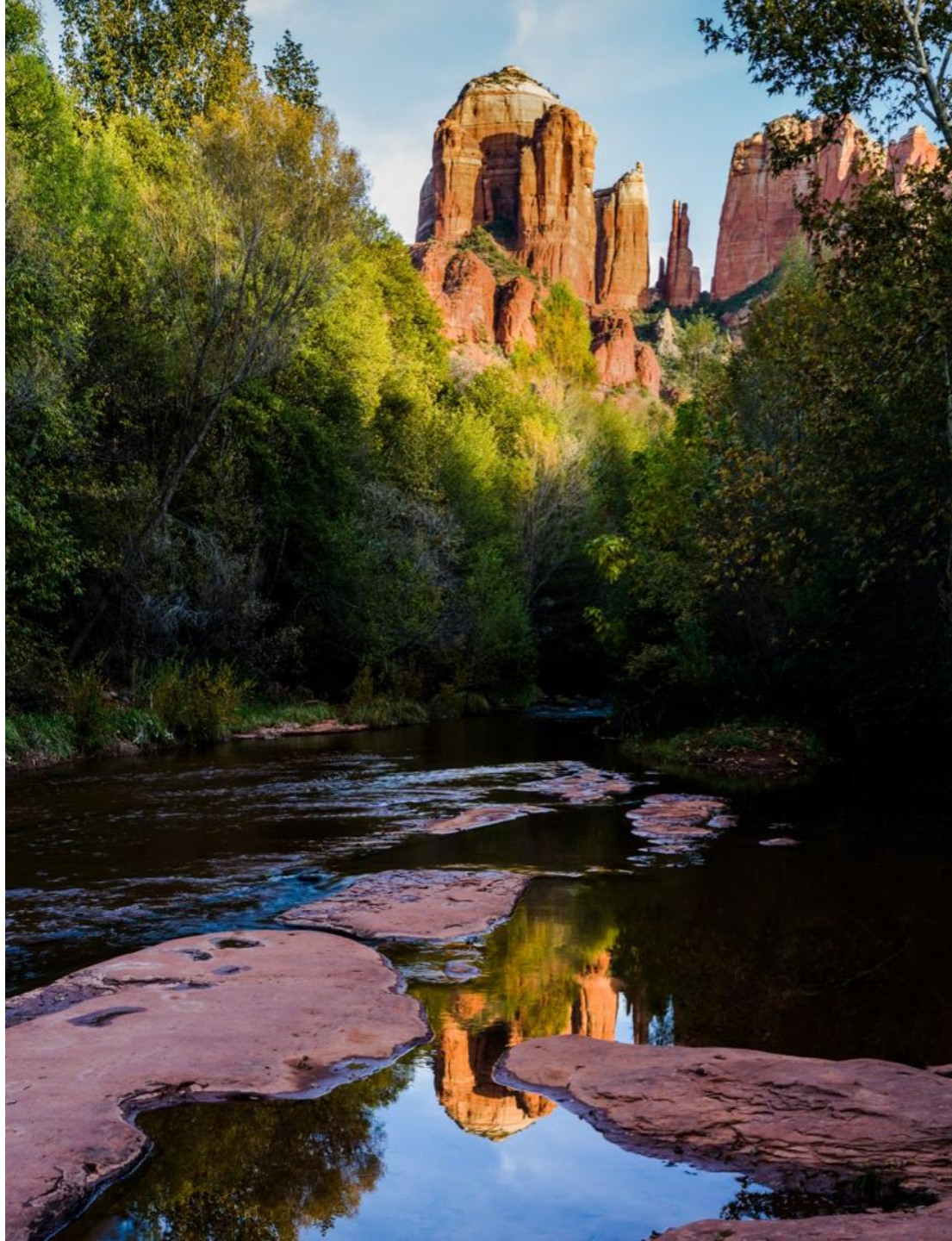
## General Dual Credit Requirements

### Academic (Transfer)

- Master's degree in the field of study or
- Master's degree in any field with 18 graduate semester hours in the field of study or
- In-progress doctoral dissertation (proposal defended) in any discipline and 24 graduate semester hours in the field of study.

### Occupational/Workforce

- Same qualifications as those listed for Academic or
- Bachelor's degree in the field of study or
- Bachelor's degree in any field and 3 years of work experience in the field or
- Associate's degree in any field and 5 years of work experience in the field or
- 64 semester credit hours in the field of study and 5 years of work experience in the field or
- Industry-recognized certification in the field of study and 5 years of work experience in the field or
- License in the field of study and 5 years of work experience in the field



## Supporting Career Pathways Development

- Externships- virtual and in-person
- Career Exploration Curriculum- incl labor market data
- K-5 Career Exploration Curriculum
- Professional Development for Educators
- Strategic Planning for Career Pathways Implementation
- ECAP training and online platform support
- Innovative models for Work-Based Learning



## Multiple Pathways to Certification

- **Teacher Preparation**
- **Teaching Experience and Coursework/Training**
- **Alternative Teaching (Teaching Intern/Teacher in Residence)**
- **Emergency Teaching Certificate (3 years)**
- **Alternative Career and Technical Education**





## Emerging Teacher Pathways

- **“Grow Your Own” Programs**
  - Teacher intern/teacher in residence
- **Teacher Apprenticeships**
  - Registered with Department of Labor
  - Requirements for on the job training
  - Requirement for related instruction





# Thank You



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