

Lifelong Learning Competence & Adult Ed

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Introductions – Who Am I?

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Session Abstract

College and Career Readiness and Lifelong Learning are hot topics in adult education. The purpose of adult education is to prepare people for college and careers. But, what about lifelong learning?

Lifelong learning competencies can be added to adult education programs for successful learning outcomes.

This presentation will give you the tools to support adult education students with career pathways and lifelong learning so they are competitive in the workforce.

Lifelong Learning Competence in Adult Ed

Agenda

WHAT IS COLLEGE AND CAREER READINESS?

WHAT DOES THE RESEARCH SAY ABOUT CAREER PATHWAYS?

WHY IS LIFELONG LEARNING IMPORTANT TO ADULT ED STUDENTS?

HOW DO YOU INCLUDE LIFELONG LEARNING INTO THE CURRICULUM?

KNOWLEDGE CHECK AND DISCUSSION.

What is “College and Career Ready”?

DEFINITION:

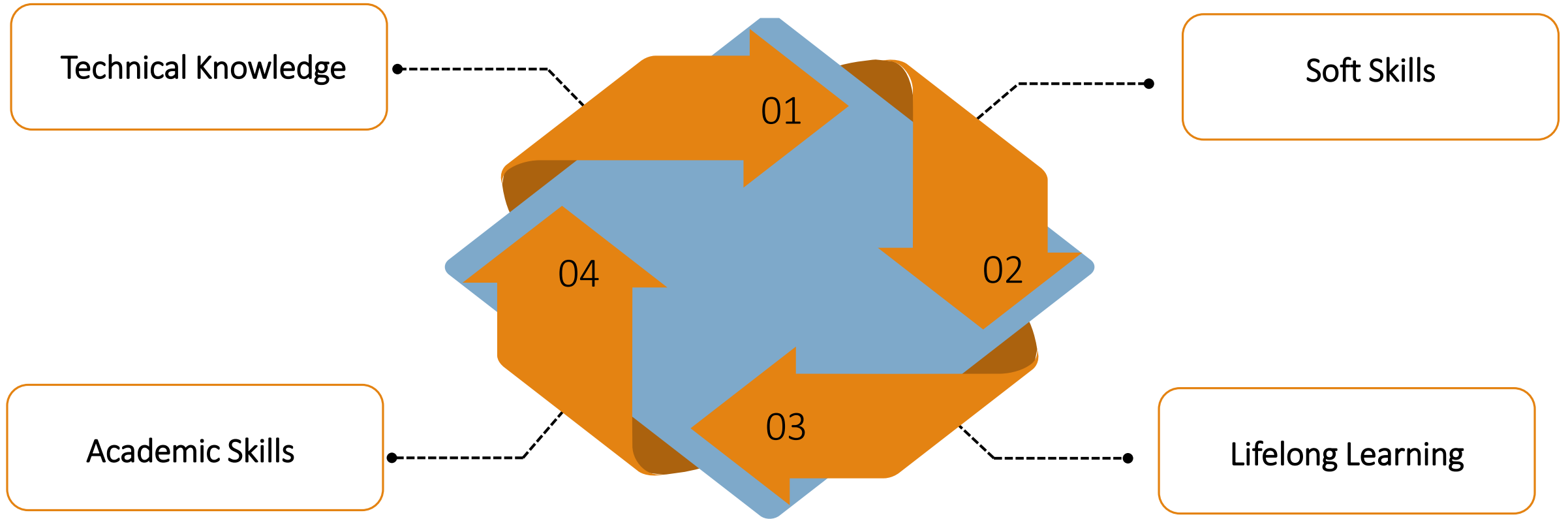
Students are considered college and career ready when they have the knowledge, skills, and academic preparation to succeed in postsecondary education programs or entry-level careers without the need for remediation.



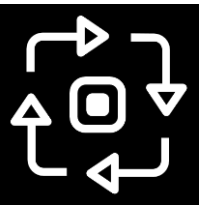
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Tell us why you chose your answer.



What does the research say?

#1: Some short-term postsecondary degrees earn more than graduates with bachelor's degrees. In some states,

Technical associate degree's earn \$11,000 more in first year after graduation than bachelor's degree

What does the research say?

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Longer term certificate degrees are more competitive than associates (about \$3000 more on average)

What does the research say?

#1: Some short-term postsecondary degrees earn more than graduates with bachelor's degrees. In some states,

Earnings vary widely by state and by type of degree with liberal arts degrees earning the least.

What does the research say?

#1: Some short-term postsecondary degrees earn more than graduates with bachelor's degrees. In some states,

Science degrees earn less than technology, engineering, and mathematics degrees (often earning less than English major degrees)

Should it be TEEM?

#2: CTE High School Courses and Outcomes Study on Junior and Senior Year

More likely to graduate on-time and less
likely to drop out

***Study used data from 2002 (pre-2006 Perkins)**

#2: CTE High School Courses and Outcomes Study on Junior and Senior Year

CTE courses in freshman and sophomore
years had little impact

***Study used data from 2002 (pre-2006 Perkins)**

#2: CTE High School Courses and Outcomes Study on Junior and Senior Year

No direct relationship between CTE and
college attendance.

Why?

***Study used data from 2002 (pre-2006 Perkins)**

#3: Lifetime Earnings Study

Workers progress up an occupational pathway,
not industry-based...

Promotion within the same field is now dependent on
postsecondary occupational training

#3: Lifetime Earnings Study

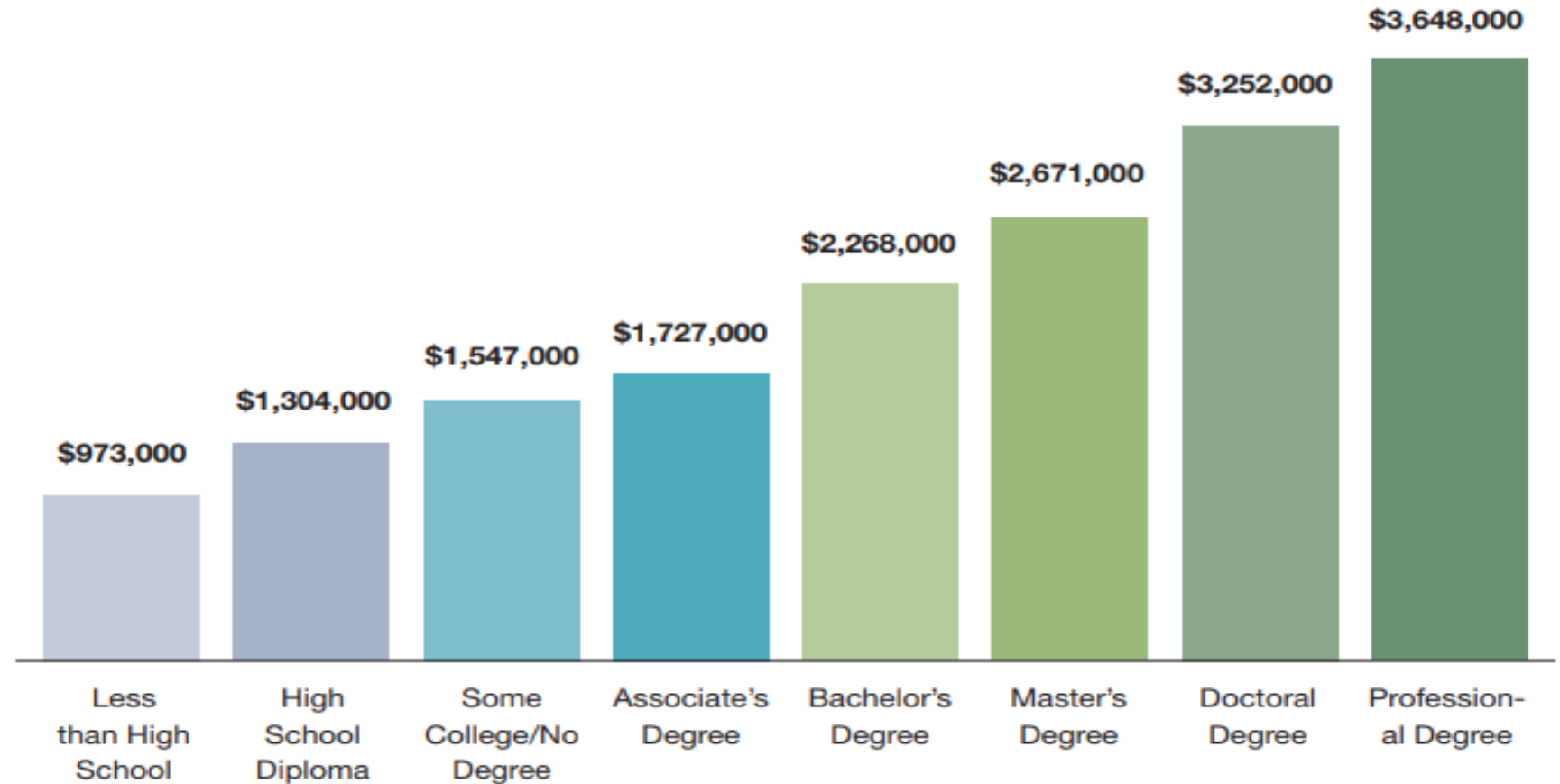
Lifetime Earnings can vary within same occupation
by education level

- Less than high school degree: Truck drivers - \$1.3 million
- High school diploma: Truck drivers - \$1.5 million

At some point, degree-earning employees will out-earn CTE
certificate employees

Lifetime Earnings Study

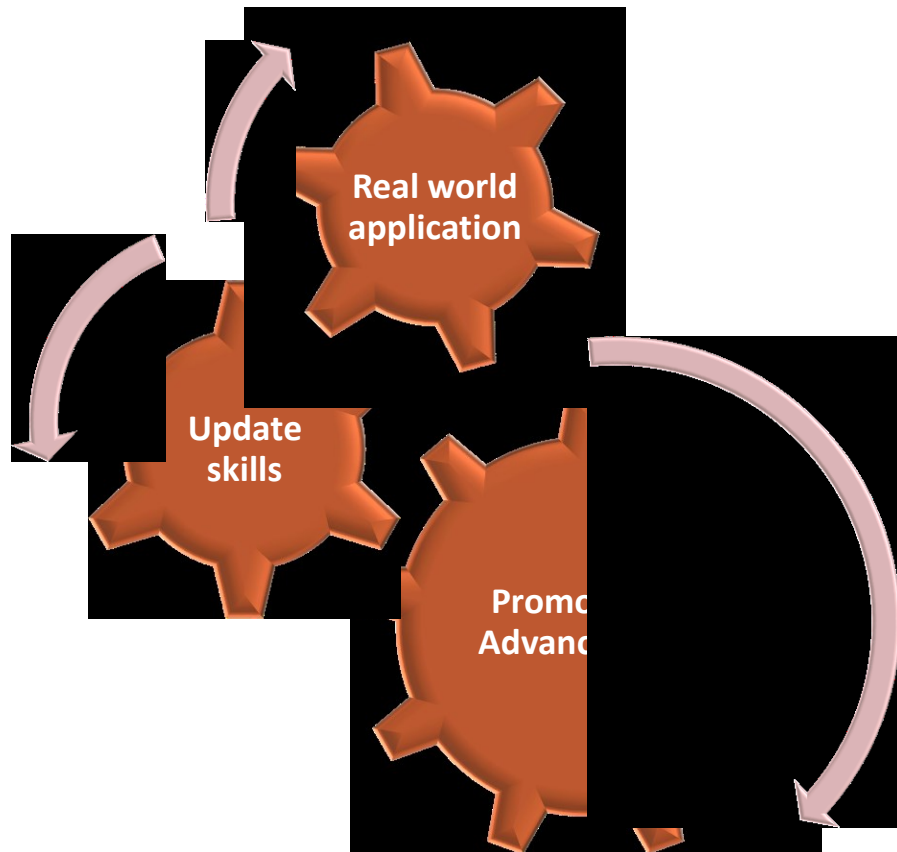
FIGURE 1: MEDIAN LIFETIME EARNINGS BY HIGHEST EDUCATIONAL ATTAINMENT, 2009 DOLLARS



Adjust for net present value - -39% (dollar may be worth less than dollar today)

Still dollar gap exists as scale goes up.

Why is lifelong learning important to Adult Ed?



LIFELONG LEARNING DEFINITION

The continuous, voluntary, and self-motivated pursuit of knowledge either for personal and career advancement.

Lifelong Learning Competence



IMPORTANCE

Skill Building

- New technology
- Changes in industry
- Changes in laws
- Stay relevant

RELEVANCE

Real World Application

- Advanced skillset
- Critical thinking
- Problem-solving
- Soft skills

SIGNIFICANCE

Promotion / Advancement

- Promotion in occupation
- Advance to management
- Requires Associates or Bachelor's degree
- Changes in company policy for job description requirements

Skill Building

Development of critical thinking, reasoning, logic, collaboration, research and development, and problem solving

Informal Learning?

CTE and adult education courses are designed to prepare students to be college and career ready, especially for postsecondary two-year or certificate programs

Real World Application

CTE emphasizes:



Applied learning

Practical relevance

Promotes career readiness

- College readiness is career readiness
- On-the-job training / Apprenticeships

Advancement and Promotion

Careers are occupation-based = career pathway

People with higher levels of education within a career pathway earn considerably more in a lifetime

Promotion in a career pathway is based on experience AND education level

What does this all mean?

Students have different needs than 10 years ago

- Occupational mobility and advancement are key to success
- Academic rigor (math and English) for college and career readiness are necessary to prepare them for lifelong learning
- Growth mindset and motivational theory

Lifelong Learning = Career Advancement and Higher Salaries

How do you include lifelong learning into ADULT ED curriculum?

Introduce Career Pathways model with a
Growth Mindset teaching strategy

Integrated Education and Training (IET) Model

Adult Ed Programs with Career Pathways Focus

**IET programs CONNECTS workforce preparation activities
with adult education and literacy activities.**

It is *an* instructional strategy for a career pathway.

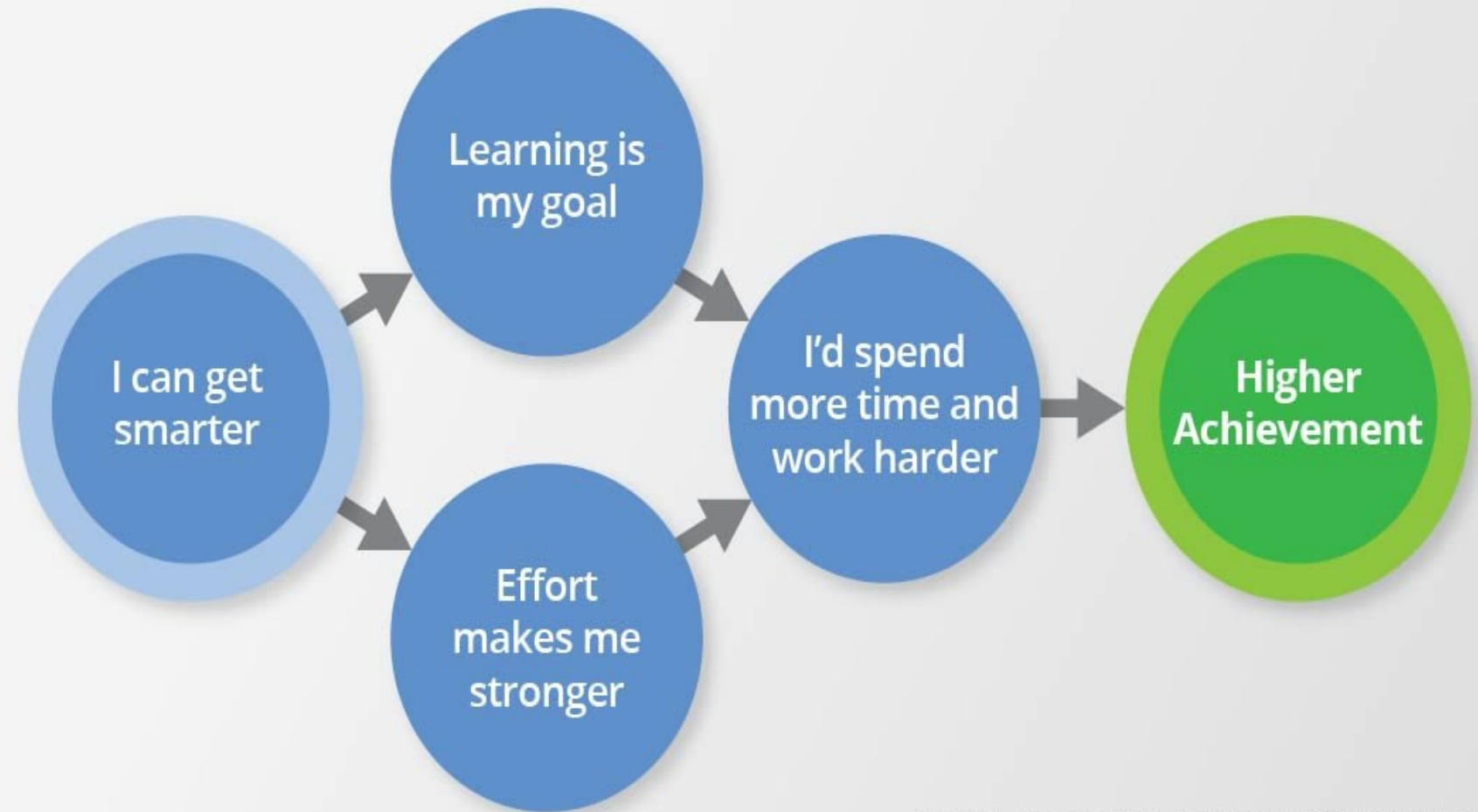
LOTS of resources for teachers and funds for administrators!

Everyone wins

Dr. Carol Dweck conducted a study 30 years ago focused on students' attitudes about failure.

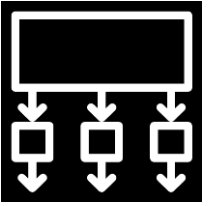
After positive motivation interventions, students' test scores improved dramatically.

A Growth Mindset Drives Motivation and Achievement



Blackwell, Trzesniewski & Dweck (2007) *Child Development*

Other ways – add to lessons. Throughout courses and program:



Include a career pathway that leads to promotion of highest level achievable (backward design). IET program.



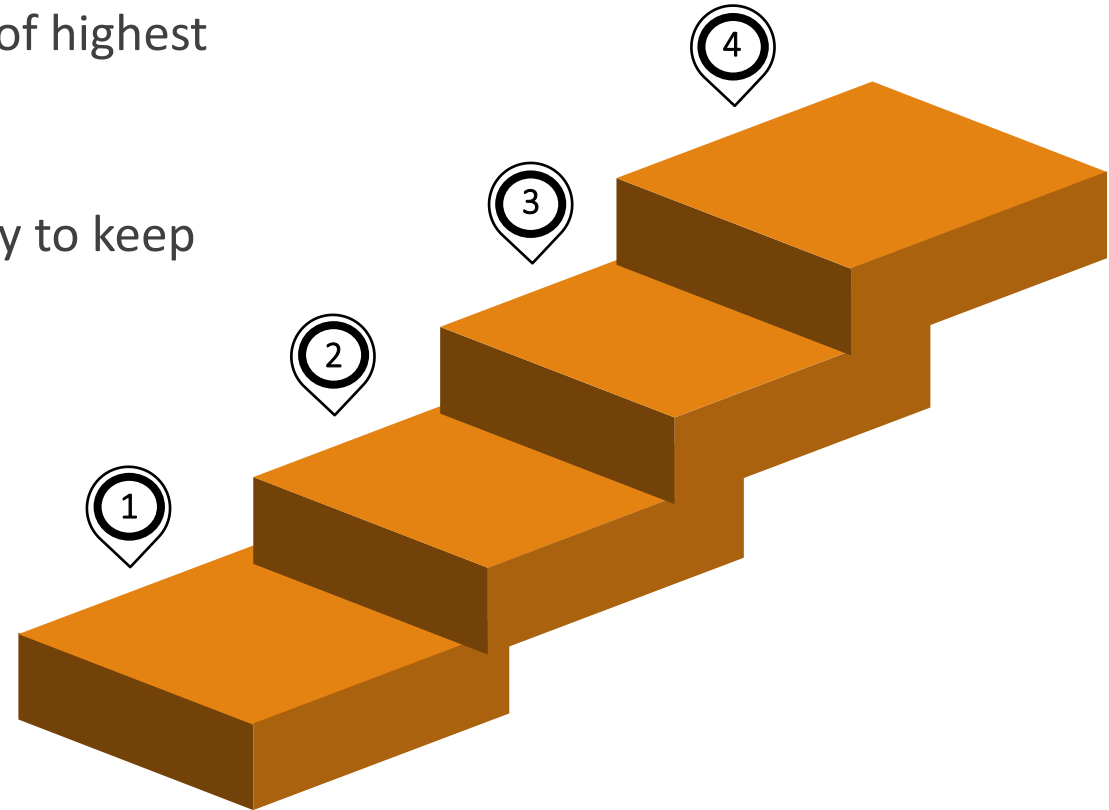
Explain that additional education may be necessary to keep skills updated



Tell students where to find formal and informal learning opportunities



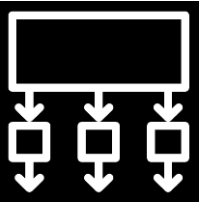
Use growth mindset when discussing additional educational goals



Any other ideas?

Two Minute Think-Pair-Share

Create career
pathway posters
or flyers to hand
out and post in
classroom



Create a discussion
assignment about
the benefits of
lifelong learning

First day
discussion about
career goals and
growth mindset

Questions?

Check out my handouts!

Learn about UCF's Career and Technical Education
Teacher and Trainer Programs

Perfect degrees for Adult Educators



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