



# Career Pathways

**Career Pathways**  
**Career Connections**  
**Work Based Learning**



# What is a Career Pathway?

- A Career Pathway is a collective look at education and training, wage and outlook information for related occupations. These pathways offer an overview of the various career options along with education and training that can begin as early as grade 7.
- Whether a student is interested in going to college, getting a certificate, going into the military, internship or apprenticeship opportunities, or working a job right after high school, career pathways can be customized for any career plan.



## Health Science

Advanced Patient Care [PPT](#) or [PDF](#)  
Biomedical Engineering [PPT](#) or [PDF](#)  
Biotech (I) [PPT](#) or [PDF](#)  
Biotech (II) [PPT](#) or [PDF](#)  
Dental [PPT](#) or [PDF](#)  
Medical Assisting [PPT](#) or [PDF](#)  
Nursing (I) [PPT](#) or [PDF](#)  
Nursing (II) [PPT](#) or [PDF](#)  
Occupational Therapy [PPT](#) or [PDF](#)  
Pharmacy [PPT](#) or [PDF](#)  
Physical Therapy [PPT](#) or [PDF](#)  
Prosthetics [PPT](#) or [PDF](#)  
Radiology [PPT](#) or [PDF](#)  
Surgery [PPT](#) or [PDF](#)

## Engineering and Science Technologies

Chemical  
Engineering [PPT](#) or [PDF](#)  
Electrical  
Engineering [PPT](#) or [PDF](#)  
Electronics  
Engineering [PPT](#) or [PDF](#)  
Engineering  
Management [PPT](#) or [PDF](#)  
Mechanical  
Engineering [PPT](#) or [PDF](#)

# Pathways to Success

- Early beginning (K-12)
- Middle School Courses/Career Exploration
- Career Connections/OhioMeansJobs
- Career Connections Course(s)
- Work base learning (e.g. job shadow, professional speakers)
- Connected Path to high school and beyond through industry standards/credentials
- Articulated credit
- Internships/Apprenticeships/Co-ops

# OhioMeansJobs

- Ohio's no-cost, career planning system offers comprehensive, career exploration tools, online training and resources specifically for students, teachers and school counselors. [OhioMeansJobs.com](https://ohioMeansJobs.com) allows students to learn more about their career interests and in-demand jobs, build résumés, search for college and training programs, create a budget based on future expenses, and develop meaningful academic and career plans for high school and beyond.
- Job search, interview assistance, workforce development resources through employment and training programs, employer incentives.
- Sample lesson plans, internships, and Career Connections.

# Career Connections

- Today, children need to see a link between what they are learning and future work. Career Connections offer practical ways for teachers and school counselors, families and community members to show students, as early as in kindergarten, the types of jobs possible for them.
- OhioMeansJobs K-12 allows students to fill a backpack designed for them. The “Explore It” menu includes a profile of their interests, career information, a plan and a budget for education and training, possible occupations, potential salaries, resume and job searches. You can take a tour and get your students started at: [education.ohio.gov/CareerConnection](https://education.ohio.gov/CareerConnection)



# Career Connections – Career Awareness

- Career Exploration
- **Elementary Grades (K-5)**
- Students become familiar with careers through learning that connects classroom instruction to future work. Career awareness strategies show students various types of careers and stimulate interest in future work.
- Workplace visits with career interviews
- [Career connections learning strategies](#)
- Classroom career speakers
- Introduction to Ohio career fields and pathways

## Career Connections – Career Exploration (Middle Schools)

### Middle Grades (6-8)

Students explore their career interests through embedded activities. Career exploration strategies are opportunities for students to discover work environments and understand the various aspects of the workplace. Strategies include tools and instruments that help students understand and appreciate their strengths and interests. Students start plans for their future with career information and postsecondary education data. Plans include course selection and planning as well as career aspirations and goals.

- Advanced academic and technical education
- Student Success Plan
- [Career connections learning strategies](#)
- Workplace visits with career interviews
- Career courses
- Career mentorships
- Career research
- Service learning and Career-tech student organizations

# Career Connections – Career Planning

## High School (9-12)

Students continue career exploration while focusing on career planning. Activities provide advanced experiences that offer hands-on opportunities in a workplace (employment). Career planning strategies focus on making clear links between career options and educational decisions.

- [College Credit Plus](#)
- [Career connections learning strategies](#)
- [Career pathways](#)
- Career-tech student organizations
- [Industry-recognized credentials](#)
- Student Success Plan
- Career mentorships
- [Pre-apprenticeship programs/Apprenticeships](#)
- Service learning
- [Cooperative education programs](#)

# Lessons and Activities

Hundreds of lessons and activities to teach career connections within academic subject areas may be found at <http://education.ohio.gov/Topics/Career-Tech/Career-Connections/Lesson-Plans>. Lessons were developed by Ohio educators and can be viewed by subject, grade level and topic, such as OhioMeansJobs K-12 (see examples below):

## INTERVIEWING SKILLS

### Key Topics

Career Information  
Community Involvement  
Employability Skills

## CAREER AND INCOME PLANNING PROJECT

### Key Topics

Academic Planning  
Career Information  
Economics

# OHIO ANNOUNCES THE OHIOMEANSJOBS- READINESS SEAL



Ohio high school students now can earn recognition by showing they are prepared to contribute to the workplace and their communities. The **OhioMeansJobs-Readiness Seal** is a formal designation students can earn on their high school diplomas and transcripts indicating they have the **personal strengths**, **strong work ethic** and **professional experience** that businesses need.

# OhioMeansJobs Readiness Seal Rubric

[http://education.ohio.gov/getattachment/Topics/New-Skills-for-Youth/SuccessBound/OhioMeansJobs-Readiness-Seal/OMJ\\_ReadinessSeal\\_Rubric.pdf](http://education.ohio.gov/getattachment/Topics/New-Skills-for-Youth/SuccessBound/OhioMeansJobs-Readiness-Seal/OMJ_ReadinessSeal_Rubric.pdf)

Reliability

Punctuality

Team Work/Collaboration

Learning Agility

Critical Thinking/Problem Solving

Creativity/Innovation

Global/Intercultural Fluency

Oral/Written Communication

Work Ethic

Discipline

Professionalism

Leadership

Digital Technology

Career Management

Criteria	Expert	Proficient	Developing	Beginner
<b>Reliable</b> -The student has integrity/responsibility in professional settings.	<b>Exceed Expectations</b> (without supervision)	<b>Meets Expectation</b> (limited supervision)	<b>Requires Further Development</b> or may need direct supervision	<b>Requires Coaching</b>
<b>Work Ethic</b> -The student has effective work habits, personal accountability and a determination to succeed.	Manages commitments, respectful of time, trustworthy, follows procedures, can coach others.	Manages commitments, respectful of time, trustworthy and adheres to standard operating procedures and organizational values.	Minimal coaching required to manage commitments and is respectful of time trustworthy. When directed, will follow the operating procedures.	Requires direction to help manage tasks.
<b>Punctuality</b> -The student arrives to commitments on time and ready to contribute.	Arrives ahead of schedule prepared for assigned tasks. Can coach others to begin tasks.	Arrives on time prepared for assigned tasks. Displays initiative to begin tasks.	Typically arrives on time. May need additional time to prepare for assignment.	Frequently needs reminders to arrive on time and to start tasks.
<b>Discipline</b> -The student abides by guidelines, demonstrates self-control and stays on task.	Follows rules and regulations. Self-starter. Stays on task with minimal distractions.	Follows rules and regulations. Self-starter. Stays on task with minimal distractions	Willing to follow rules and regulations. Stays on task with occasional distractions.	Needs reminders to follow rules and regulations.
<b>Teamwork/Collaboration</b> -The student builds collaborative relationships with others and can work as part of a team	Accepts responsibility for assignments and contributes to team projects. Encourages members to use personal strengths to achieve a common goal	Accepts responsibility for assignments and contributes to team projects. Encourages some members to use personal strengths to achieve a common goal.	Accepts responsibility for assignment on team projects with some encouragement from others. May need coaching to ensure contribution meets expectations.	Requires direction to complete assignments on a team project. Must be coached.

Criteria	Expert	Proficient	Developing	Beginner
<b>Professionalism</b> -The student demonstrates honesty. He or she dresses and acts appropriately and responsibly (learns from mistakes).	Maintains an appropriate appearance. Consistently demonstrates ethical behavior. Resolves the needs of customers in a timely and professional manner. Builds and maintains cooperative and respectful relationships with others.	Maintains an appropriate appearance. Demonstrates ethical behavior. Resolves the needs of customers in a timely and professional manner, but may need assistance.	Maintains an appropriate appearance. Considers ethics in decision-making. Accepts responsibility	
<b>Learning Agility</b> -The student desires to continuously learn new information and skills	Actively seeks out opportunities to expand their knowledge. Synthesizes knowledge and experiences and applies them in various situations. Shares insights gained/engages others.	Takes advantage of opportunities to expand knowledge. Considers how knowledge and experiences apply to their situation/shares insights.	Learns new information with coaching. When guided to resources, demonstrates curiosity in new information. Shares only resources of personal interest	
<b>Critical Thinking Problem-Solving</b> -The student exercises strong decision-making skills, analyzes issues effectively and thinks creatively to overcome problems.	Thoughtfully identifies and examines problems, analyzes risks and implements chosen solution. Anticipates potential issues. Can navigate challenging situations independently and with teams	Identifies and examines problems, considers risks and proposes solutions. May need assistance to anticipate issues and navigate challenging situations.	With coaching, examines problems, considers risks and identifies solutions. Needs assistance to anticipate issues and navigate challenging situations.	
<b>Leadership</b> -The student leverages the strengths of others to achieve common goals. He or she coaches and motivates peers and can prioritize and delegate work.	Demonstrates ability to lead regardless of position. Highly capable of prioritizing and delegating work. Promotes creativity and energy among team through persuasion and influence. Achieves high levels of performance from team by coaching and encouraging individuals motivating morale among team.	Leads within position. Effectively prioritizes and delegates tasks and clearly delineates expected standards. Enhances team performance, fosters motivation and morale.	Shows willingness to lead. May need assistance in delegating work and overseeing completion of tasks. Contributes to motivation and morale.	
<b>Creativity/Innovation</b> -The student is original and inventive. He or she communicates new ideas to others, drawing on knowledge from different fields to find solutions	Draws upon knowledge from different experiences to generate and communicate original ideas. Consistently demonstrates ability to think differently. Is sought out for ability to create.	Generates and communicates original ideas. Demonstrates ability to think differently. Contributes energy and ideas within team to find solutions.	Occasionally generates original ideas and communicates them to others. Contributes to thinking differently. Participates in idea creation within team to find solutions.	



# Middle School Validation Process

- Teachers with four-year alternative or five-year professional licenses covering middle school instruction can take the free on-line modules needed to receive a certificate for teaching career-tech career exploration courses at the middle school level. CTE teachers are already eligible to teach the career exploratory courses.
- The modules are also available for professional development CEUs.

# Career Connections Course (990365)

- In this course, students investigate how classroom learning translates into **marketable skills**. Through **hands-on learning** and **local business involvement**, students will engage in career-related experiences to acquire basic skills in various career fields. This provides students with tangible experiences to begin **career decision making**. Teachers have the flexibility to select career fields related to Ohio's in-demand jobs represented in the community.

# Success Models

- Ridgeview Middle School - In Pickerington, we start talking careers when they're in kindergarten with career days," said Eileen McGarvey, a school counselor at Ridgeview. "Then the real exploration starts in grade 6. One of their industry partners is Ohio Health Hospital, which provides exploratory internships in the Junior Year and a focused pre-apprenticeship in the Senior Year.
- Health Middle School – Newark Ohio teaches the Career Connections course to their 5-6-7 grades, which includes resumes and career exploration.

## Building Bridges to Careers

Washington County's careers website connects students to the community and gives teachers tools they need:

Marietta City Schools partnered with education, community and business leaders to develop the Building Bridges to Careers (BB2C) program. The program's purpose is to create a network that gives students in Washington County community-based opportunities that broaden their awareness of career options.

- Informs and engages local businesses, community members and organizations, teachers, principals and administrators
- Highlights existing business and community partners and provides ways to establish new partnerships
- Shares resources and information with teachers
- Connects students to real world learning
- Provides local businesses with direct links to future workforce pipeline

# Pre-apprenticeship Certificate

- All paths lead to a connection to graduation, industry-recognized credential, and/or employment in the career field of choice.
- The pre-apprenticeship certificate is an Ohio industry-recognized credential, giving students points toward high school graduation.
- It articulates to post-secondary and registered apprenticeship toward a journey person status.

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