What is our goal for our kids?
Meandering Toward Graduation

Curriculum Type, 2013 Graduates

- College- and Career-Ready Curriculum: 8%
- College-Ready Curriculum: 31%
- Career-Ready Curriculum: 13%
- No Cohesive Curriculum: 47%

#Meandering2Grad

EdTrust.org/MeanderingTowardGraduation
## Meandering Measurements

### What Comprises a College-Ready Curriculum?

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
<th>Specific Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4</td>
<td>N/A</td>
</tr>
<tr>
<td>Math</td>
<td>3</td>
<td>Algebra II</td>
</tr>
<tr>
<td>Science</td>
<td>3</td>
<td>Biology and Chemistry or Physics</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3</td>
<td>U.S. or World History</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>2</td>
<td>Same Language Study</td>
</tr>
</tbody>
</table>

### What Comprises a Career-Ready Curriculum?

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
<th>Specific Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Career Technical Education</td>
<td>3</td>
<td>In the Same Field</td>
</tr>
</tbody>
</table>

#Meandering2Grad

EdTrust.org/MeanderingTowardGraduation
Problem:

• Students graduate from high school not ready for college or a career
• Too many employers struggle to fill vacancies, especially in high-skill, high-demand roles

≡ SKILLS GAP
Growing Skills Gap

5,800,000
number of job openings
highest since December 2000

4 in 5
employers report gaps
in recent high school grad preparation

Total: 5.1%
youth 16-24: 12.2%
unemployment rate

55%
percent of job-seekers who blame gaps in education for lack of readiness
College and Career Ready

“…requires significant change to school structures, culture, and instruction to engage students in relevant work that prepares them for postsecondary study aligned with their interests.”

Ed Trust, Meandering Toward Graduation, April 2016
Passion + Perseverance = GRIT

…passion is often ignited by an external spark…

Angela Duckworth, Grit (2016)
Sparks
– when illuminated and nurtured–
give young people
joy, energy, and direction...
they have the power to change
a young person’s life from one of
surviving to thriving.

Dr. Peter Benson, Search Institute (2010)
Career Connections

Links Learning to Careers
Agriculture and Environmental Systems Career Pathway

Start Pre-Agriculture
As early as grade 7 (based on readiness)

Veterinary Assistant
Median Salary: $21,860
Job Growth (10 yr): 6.8%
Annual Openings: 82
Average Tuition (1 yr): $0 – $3,900/yr

Veterinary Technician
Median Salary: $30,430
Job Growth (10 yr): 42.8%
Annual Openings: 138
Average Tuition (2 yr): $3,900/yr
Average Tuition (4 yr): $9,600/yr

Veterinarian
Median Salary: $87,610
Job Growth (10 yr): 28.8%
Annual Openings: 117
Average Tuition (4 yr): $30,000/yr

Certificate, Animal Care

Associate Degree, Veterinary Technology

Doctoral Degree, Veterinary Medicine

Workplace Visits
Job Shadow
Internship

Supervised Experience
--- Work

Supervised Experience
Internship
--- Work

Internship
--- Work

Provided by middle schools, high schools, employers, Ohio Tech Centers, and colleges.

Preparing students for multiple options after high school: gainful employment and/or postsecondary study.

Ohio In-demand Occupations

Data reflects 2014 Ohio labor statistics and public institutions of higher education for 2013-2014. For specific tuition costs, visit ohiohighered.org.
# Career Connections Framework

## Elementary Grades
### Career Awareness
- Workplace visits with career interviews
- Career connection learning strategies
- Classroom career speakers
- Introduction to Ohio career fields and pathways

## Middle Grades
### Career Exploration & Interests
- Advanced academic and technical education
- Student Success Plan
- Career connections learning strategies
- Workplace visits with career interviews
- Career development courses
- Career mentorships
- Career research
- Service learning
- Career tech student organizations
- OhioMeansJobs K-12
- Career pathways

## High School
### Career Planning, Decision-Making, & Transition
- Advanced academic and technical education
- Dual enrollment earning high school and college credits
- Career academies
- Career connections learning strategies
- Career pathways
- Career tech student organizations
- Employer-recognized certification and licensure
- Student Success Plan
- Internships
- Career mentorships
- Pre-apprenticeship programs
- Part-time work
- Service learning
- Work-based learning
- OhioMeansJobs K-12

## Lifelong Learning
### Career Preparation and Fulfillment
- Advanced education and training programs
- Apprenticeships
- Career mentorships
- Cooperative education programs
- Economic viability
- Industry credentials
- Internships
- Professional development
- Reflective career evaluation and changes
- Service learning
- Successful work experiences
- OhioMeansJobs
Resources within the WBL Toolkit

**Families and Students**

- Sample Letter to Potential Business Partner
- Learning Agreement
- Employability Skills Checklist
- Employability Skills Assessment Rubric
- Employer Guidelines for Working with WBL Students
- WBL Orientation Checklist
- Sample WBL Calendar
- Suggested Components of a WBL Portfolio
- Portfolio Rubric for WBL
- Student Reflection Questions
- Credit Options for Work-based Learning
- Child Labor Requirements

**Business and Community Partners**

**Schools and Educators**
## Web Developers

Design, create, and modify Web sites. Analyze user needs to implement Web site content, graphics, performance, and capacity. May integrate Web sites with other computer applications. May convert written, graphic, audio, and video components to compatible Web formats by using software designed to facilitate the creation of Web and multimedia content.

### Related
- Computer Network Architects
- Computer Systems Engineers/Architects
- Geospatial Information Scientists & Technologists
- Logistics Engineers
- Software Quality Assurance Engineers & Testers

### Industries
- Professional Science & Technical Media & Communications
- Self-Employed

### Summary

#### Skills
- Programming
- Critical Thinking
- Operations Analysis

#### WorkKeys®
- Applied Mathematics: 6
- Reading for Information: 5
- Locating Information: 5

#### Abilities
- Deductive Reasoning
- Problem Sensitivity

#### Pay
- **Ohio Annual Salary**: $58,490/yr
- **Ohio Hourly Wage**: $28.12/hr

#### Ohio Employment Trends
- Currently Employed: 4,230
- Yearly Projected Openings: 150

#### Typical Education
- Education: Associate’s degree
- Work Experience: None
- Training: None
- Education and Training Opportunities

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*Ohio Department of Education*
Education and Training Options

Education and Training Opportunities | OhioMeansJobs

Edison State Community College
1073 EDISON DR. PIQUA, OH 45358-9230

School Type: Public, 2-year
School Size: 1,000 - 4,999
Other Degrees Offered: Undergraduate degree or certificate offering
Admissions Financial Aid
No graduate offering

Website: www.edisonOHIO.edu

Program Name: Web Page, Digital/Multimedia and Information Resources Design
Length: At least one but less than two years
Award Level: Award of at least 1 but less than 2 academic years, Associate's degree, Award of less than 1 academic year

Program Name: Web/Multimedia Management and Webmaster
Length: 2 years
Award Level: Associate's degree
Test Preparation and Academic Skill-Building

College Test Preparation

ACT® Preparation

Use our practice tests and interactive course to get great scores on your ACT®. Open one of the resources below or click here to get started.

[Options for ACT® English Practice Tests, ACT® Math Practice Tests, ACT® Preparation Courses and Guides]

ACT® English Practice Test 1

This 75-question ACT English practice test lets you practice with the grammar and mechanics skills you'll need to do well on test day. Use the instant scoring and detailed answer explanations to determine where you're strong, and what can be improved.

Launch

ACT® English Practice Test 2

This 75-question ACT English practice test lets you practice with the grammar and mechanics skills you'll need to do well on test day. Use the instant scoring and detailed answer explanations to determine where you're strong, and what can be improved.

Launch

ACT® English Practice Test 3

This 75-question ACT English practice test lets you practice with the grammar and mechanics skills you'll need to do well on test day. Use the instant scoring and detailed answer explanations to determine where you're strong, and what can be improved.

Launch

ACT® English Practice Test 4

This 75-question ACT English practice test lets you practice with the grammar and mechanics skills you'll need to do well on test day. Use the instant scoring and detailed answer explanations to determine where you're strong, and what can be improved.

Launch
OhioMeansJobs K-12 Backpack

Welcome, Owen Trainer
John Sells Middle School
Edit your account

Career Cluster Inventory
TOP 5 RANKED CAREER CLUSTERS

- Arts and Communication: 12
- Hospitality and Tourism: 11
- Information Technology: 11
- Agricultural and Environmental Systems: 10
- Construction Technologies: 10

Calendar
UPCOMING EVENTS
You don’t have any events scheduled in your calendar. Visit the Events page or schedule deadlines for career activities in your own custom Career Plan.

Careers I’m Interested In
5 OF A MAXIMUM 10 OCCUPATIONS
- Nuclear Medicine Physicians
- Database Administrators
- Architectural & Engineering Managers
- Aerospace Engineers
- Preventive Medicine Physicians

Career Plans
3 OF 5 CAREER PLANS

- Fuel Cell Technicians
  Updated 11/4/2015
  58% complete

Resumes
ACTIVE RESUME RATING
Questions?

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Join the Conversation

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@OHEducationSupt

OhioEdDept
SIGN UP FOR PARENT TEXT TIPS

Elementary Students
Text "OHED EL" to 468311

Middle and High School Students
Text "OHED HS" to 468311