Who we are

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Today’s Agenda

1. Welcome
2. Big Picture Update
3. Fall Highlights
4. Pathways to Prosperity Network - Fall Institute & Framework Update
5. BAC Plan Review
6. Open Discussion
7. Some Actions You Can Take to Support our BAC!
Big Picture Update
1. Highlight MCESC/BAC’s main goals & remind everyone our role
2. COVID-19’s continued footprint
3. Highlight where we’re seeing progress
4. Provide ways we can collaborate with each other this school year
Ensuring our workforce can compete by enhancing partnerships between schools, higher education and employers

- Ensuring student success and career-readiness
- Helping existing and new businesses thrive
- Keeping talent in our region
- Making Montgomery County & Warren County great places to live
<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Career Development Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>K-5</td>
<td>Career Awareness</td>
</tr>
<tr>
<td>6-8</td>
<td>Career Exploration</td>
</tr>
<tr>
<td>9-12</td>
<td>Career Planning</td>
</tr>
</tbody>
</table>

**Career Awareness**
- Elementary Grades (K-5)

**Career Exploration**
- Middle Grades (6-8)

**Career Planning**
- High School (9-12)
### Ensuring Students Success From Cradle to Career

**Ready to Learn. Explore. Earn.**

<table>
<thead>
<tr>
<th>Age 5</th>
<th>3rd grade</th>
<th>8th grade</th>
<th>9th grade</th>
<th>12th grade</th>
<th>Post High School</th>
<th>Job &amp; Career</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ready to learn when entering Kindergarten</td>
<td>Proficient in reading</td>
<td>Proficient in math</td>
<td>Ready to learn throughout high school</td>
<td>Ready to graduate from high school</td>
<td>Ready to learn in college or earn a credential*</td>
<td>Ready to earn with a college degree or a credential*</td>
</tr>
</tbody>
</table>

#### Power Indicators

- Increase the percentage of students who 'Demonstrate Readiness' on Ohio’s Kindergarten Readiness Assessment
- Increase the percentage of students scoring at or above proficient on the 3rd-grade Ohio Reading Assessment
- Increase the percentage of students scoring at or above proficient on the 8th-grade Ohio Math Assessment
- Increase the percentage of students scoring at or above proficient on the 8th-grade Ohio Reading Assessment
- Increase the percentage of students earning 5 credits their freshman year, with at least 1 in math and 1 in English
- Increase the percentage of students graduating from high school within 4 years
- Increase the percentage of students enrolling at a post-secondary institution any time during the first 2 years after HS
- Increase the percentage of students graduating with a 2- or 4-year degree within 6 years
Our BAC represents 77,000+ Students
7,000

That's the number of high school seniors we anticipate will graduate next spring.
7,000 opportunities
This framework outlines a common set of experiences for students in an information technology (IT)/computer science pathway from 9th grade through their future careers. It supports the alignment of postsecondary and higher education, K-12 and partnerships to ensure that participants prepare young people for careers with family-supporting wages and build a robust talent pipeline for employers.

### Academic Coursework

<table>
<thead>
<tr>
<th>Grade</th>
<th>Course Title</th>
<th>Course Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th</td>
<td>Introduction to Programming</td>
<td>0.5</td>
</tr>
<tr>
<td>10th</td>
<td>11th</td>
<td>12th</td>
</tr>
<tr>
<td>IT/Computer Science Technical Competencies</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### IT/Computer Science Technical Competencies

- **Data Structures and Algorithms:**
  - Understanding of the range of services and data types, and the ability to analyze and select relevant data structures and algorithms for efficient problem solving.
- **Database Management:**
  - Understanding of the range of services and data types, and the ability to analyze and select relevant database management systems for efficient problem solving.
- **Software Engineering:**
  - Understanding of the range of services and data types, and the ability to analyze and select relevant software engineering principles for efficient problem solving.
- **Systems Architecture:**
  - Understanding of the range of services and data types, and the ability to analyze and select relevant systems architecture principles for efficient problem solving.

### Selected Postsecondary Options

1. **Computer Science:**
   - Associate in Science (A.S.) Degree in Computer Science from Mt. Wachusett Community College
   - Bachelor of Science (B.S.) Degree in Computer Science from Fitchburg State University
2. **IT/Computer Science:**
   - Associate in Science (A.S.) Degree in Information Technology from Quinsigamond Community College
   - Bachelor of Science (B.S.) Degree in Information Technology from Westfield State University
3. **Information Security:**
   - Associate in Science (A.S.) Degree in Information Security from Berkshire Community College
   - Bachelor of Science (B.S.) Degree in Information Security from Western New England University

### College and Career Preparation

- **Career Exploration:**
  - IT/Computer Science Interest Inventory
  - College and Career Planning Guide
- **Work-Based Learning:**
  - Internships
  - Co-ops
  - Apprenticeships

### Selected Occupations, Wages, and Job Growth

- **Software Developers:**
  - Median annual wage: $73,380
  - Employment growth (2020-2030): 15%
- **Network and Computer Systems Administrators:**
  - Median annual wage: $59,610
  - Employment growth (2020-2030): 6%
- **Information Security Analysts:**
  - Median annual wage: $65,630
  - Employment growth (2020-2030): 6%

This document was developed by MA STEM, in partnership with the Massachusetts Department of Higher Education, the Massachusetts Board of Higher Education, and the Massachusetts Department of Elementary and Secondary Education.
IT/CS Program Footprint for Montgomery County
Approximately 1,226 students are in a computer science pathway in our region...
Ohio

19,099
Open computing jobs
(2.3x the state average demand rate)
with an average salary of $86,642

42%
of public high schools teach a CS class

1,584
Computer science graduates

Policy Environment (rubric):

- No current state funding for CS PD
- Does not require all high schools to offer CS
- K-12 CS curriculum standards

- AP Stats
  - 28% of schools teach AP CS
  - 3,540 AP CS exams were taken last year
  - 26% of them were taken by female students
Montgomery County Health Science Pathway Framework

This framework outlines a common set of experiences for students in a health science pathway from 8th grade through their future careers. It supports the alignment of regional business, industry, and school systems to ensure that pathways prepare young people for careers with family-supporting wages and build a robust talent pipeline for employers.

Academic Coursework

This general coursework is recommended for all students in the health science pathway.

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>8th Grade</td>
<td>Health Science and Technology</td>
</tr>
<tr>
<td></td>
<td>Math</td>
</tr>
<tr>
<td></td>
<td>Science</td>
</tr>
</tbody>
</table>

College and Career Preparation

These additional activities support students in preparing for both college and career. Work-based learning enables students to apply their academic learning to a real-world setting. Advising supports students in making decisions that align with their strengths and future goals. Work-based learning provides students with a successful career in the health sciences.

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>8th Grade</td>
<td>Job Shadow</td>
</tr>
<tr>
<td></td>
<td>Internship</td>
</tr>
<tr>
<td></td>
<td>Competency</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th Grade</td>
<td>Internship</td>
</tr>
<tr>
<td></td>
<td>Industry-Recognized Credential Examinations</td>
</tr>
<tr>
<td></td>
<td>Medical Terminology</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>10th Grade</td>
<td>Medical Terminology</td>
</tr>
<tr>
<td></td>
<td>Individualized Specialization</td>
</tr>
</tbody>
</table>

Health Science Technical Competencies

- Patient Assessment
- Patient Care
- Infection Control
- Radiology
- Laboratory
- Medical Terminology
- Medical Terminology
- Healthcare Systems and IT
- Individualized Specialization

Selected Postsecondary Options

The selected postsecondary credentials in health science, based on program options and transfer agreements at Sinclair Community College, lead to careers with family-supporting wages. Some education plans have credentials that easily stack or build from the previous credential, while others are not readily stackable. Stackable credentials can help an individual progress in their career pathway or secure a career before different or higher paying jobs.

| Selected Occupations, Wages, and Job Growth |

The health science careers listed below are proposed to grow in the region. The salary ranges are from the MTFE Living Wage Calculator for one adult and one child in Montgomery County. More than one job in the table do not pay a living wage and do not easily stack to further credentials, risking economic advancement (OSU).
Advanced Manufacturing Is In The Works!
The nation added 531,000 jobs in October, a strong month of growth that showed an economy gaining new momentum in the final months of the year after being slowed by the coronavirus’s surge in the late summer.

The unemployment rate dropped, too, to 4.6 percent from 4.8 percent. It is still up from its pre-pandemic low of 3.5 percent in February 2020 but down significantly from January of this year, when it was at 6.3 percent.

As supply-chain disruptions worsen and inflation surges, executives and policy makers must navigate a delicate transition to a more normal economy.
1. Career Adventures Days of Action (950 students attended)

2. Pathway Planning Meeting (9 districts participated)

3. Career Champions & Counselors Meeting (52% of our districts are participating)

4. Health Professions Week (There’s still time to participate!)
CAREER Adventures DAY 2019
Business Advisory Council
Member Perspective:
Diane Farrell, Director, External Relations and Development
Dayton Metro Library Offers More *Future You* Programs for Teens

(November 8, 2021) – The Dayton Metro Library will be hosting free *Future You* programs designed to assist students in grades 7-12 with a variety of life situations including: preparing for job interviews, practicing table manners, and selecting a college major.

**Locations and dates include:**

Trotwood Branch Library, *Future You: Practice Job Interviews*, Wednesday, November 10, 4-5:30 pm. Come dressed to impress and practice job interviewing skills with a mock panel. Registration in advance is required.

Vandalia Branch Library, *Future You: Table Etiquette*, Saturday, November 13, 3-5 pm. Table etiquette comes in handy for a number of situations. Register in advance and please note food allergies.

Trotwood Branch Library, *Future You: Finding Your Perfect Career*, Wednesday, December 1, 4-5 pm. Join Shyra Thomas, Assistant Director of Recruitment and Admission at the University of Dayton, as she provides valuable information on the importance of selecting a college major.

To register for one of these programs, or for more information about them, please visit [DaytonMetroLibrary.org](http://DaytonMetroLibrary.org) or call the Ask Me Line at 937-463-2665.
Brookville, Centerville, Dayton Regional STEM School, Huber Heights, Jefferson Township, New Lebanon, Northmont, Sidney, and Upper Valley Career Center all attended this Design Session.

Nov. 1st Pathways Design Training
One district that attended our training was invited to our Career Champions tour at the Modern because they are exploring how to leverage Adobe Certified Professional certifications.
Career Champions and Counselors Academy
1. WHAT DO YOU WANT TO DO?
2. WHERE DO YOU WANT TO DO IT?
WHAT DO YOU WANT TO DO?
Two Parts: CAREER PATH & ROLE

Career Path:

Role:
Designer, Project Lead, Creative Director, Art Director, Marketing & Communications Roles, Freelance, Agency Manager or Owner.
WHERE DO YOU WANT TO DO IT?

Two Parts: GEOGRAPHY & TYPE OF COMPANY

Geography:
Physical city/state location & remote/onsite or hybrid.

Type of Company:
Agency, Fortune 500 company, large single site or regional company, midsize franchise, medium single site, small company. Also a factor in type of company is industry: (i.e. healthcare, retail, consumer goods, food & beverage, financial, insurance, apparel, manufacturing, etc.)
USE THE RIGHT JOB BOARDS & NETWORKING SITES

- Glassdoor
- LinkedIn
- Indeed
- Google
- Twitter
- Instagram
- We Are Next
- Behance
- Dribbble
- Working Not Working
- Clutch
- Industry Sites (AAF, AIGA, etc.)
GENERAL SALARY INFORMATION

UX/UI:
Entry Level Roles - $50,000+

Web Design & Development:
Entry Level Roles - $40,000+

Social Media Related Fields:
Salaries Based on Skill Level

Graphic Design:
Entry Level Roles - $30,000+
DEVELOP YOUR STRATEGY FOR SUCCESS!

- Set (and review) SMART goals
- Find Mentors
- Create a “BOT” for yourself
- Learn new skills
- Advance your degree
- Leverage your relationships

- Attend job fairs, conferences, and trade shows
- Follow leaders & top companies in your field
- Read, Listen to Podcasts, Find other things that INSPIRE you!
It’s time for
QUESTIONS
Feel free to email me at rick.willits@themodern.edu
Career Champion & Counselor Academy

Career Champions & Counselors Academy Meeting Recordings:


Oct. 8th, 2020 - Check-In Meeting Recording: Bunny Brooks Guest Presenter - [https://youtu.be/Yybn35xNd5k?t=745]

Nov. 11th, 2020 - Career Champions Tour of the Arcade - [https://youtu.be/5n5Xo2bnial?t=6980]

Feb. 19th, 2021 - Career Champions Tour of Dayton Children's Hospital - [https://youtu.be/sLR4o0Arc?t=6360]

April 14th, 2021 - Career Champions Tour of Emerson's The Helix - [https://youtu.be/Z-tpbQs7UAM?t=2250]

October 27th, 2021 - Career Champions Check-In Recording: Sinclair Scholarships & FAFSA Filing 101 Recording - [https://youtu.be/GqwvpVe5FNAp]
Next Career Champions Meeting on Feb. 2nd, we’re taking a trip to ... ?

Counselors are interested in learning about opportunities for students interested in:
1. sports/personal training/physical therapy
2. Entry level jobs with institutions that lead to actual careers and paid professional training
3. Jobs at Wright Patterson AFB (engineering)
Previous site visits over the years...
These are the districts that have participated in the BAC’s Career Champions Program this school year:

Brookville, DPS, Huber Heights Jefferson Township Kettering Kings Little Miami Mad River Miamisburg New Lebanon Trotwood Madison Wayne Local
Our Career Connections
Weeks of Action
Construction Appreciation Week - Sept. 20th - 24th

Please contact our partners in construction to ensure your district participates this year.
MFG Month - October

Wayne Local Schools @wayne_local - Oct 29
Oct. 29th - NOV Tour

It’s October which means it’s advanced manufacturing career exploration time! 🌊 Check out this video to learn more about opportunities in advanced manufacturing at NOV! bit.ly/34Il1fS #mcescbac #MFGDay2021

VVHSCounselors @CounselorsVVHS - Oct 25
It’s Manufacturing Month & for this week’s career connections post, we’ll take a virtual trip to Staco Energy Products. Check out the video here:
bit.ly/30vL7vr #mcescbac #MFGDay2021

Montgomery County Educational Service Center - MCESC
October 5

There’s a place for all interests & education levels in manufacturing. Recently, Brookville Local Schools High School and Dyninger, Incorporated hosted a field trip for the students and when schools and companies collaborate, great things can happen! #MCESCBA
Wayne Local Schools @wayne_local · 20h
Career Connections Time! ICYMI: Last year, we brought together professionals to talk with students about their careers in healthcare! Check out our local panel featuring 12 different healthcare-related careers at Dayton Children’s Hospital! bit.ly/3CN0ukj #MCESCBAC

donate.com
Dayton Children's Hospital Panel for National Heal...
We’re excited to host our first ever Dayton Children’s Hospital panel discussion. Check out th...
DECEMBER 6-12
2021

Join us

COMPUTER SCIENCE EDUCATION WEEK is an annual call to action to inspire K-12 students to learn computer science, advocate for equity, and celebrate the contributions of students, teachers, and partners to the field.
The Hour of Code is coming.

Celebrate computer science everywhere!

Every student in every school should have the opportunity to learn computer science

- 60M students on Code.org
- 27M of our students are young women
- 171M projects created on Code.org
- 2M teachers use Code.org
- 50 All 50 states support computer science
This paper argues for a radical restructuring of education for grades 11–14—by erasing the arbitrary dividing line between high school and college—to open opportunities for the learners our current systems leave behind. We make the case for an entirely new type of institution—neither high school nor college—designed specifically to better meet the needs of young people after 10th grade and help prepare them to succeed in the world of work.
Reviewing our 2021-2022 BAC Plan
<table>
<thead>
<tr>
<th>Strategy</th>
<th>Actions</th>
<th>Responsibility</th>
<th>Timeframe</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Utilize social media to expand awareness of careers &amp; educational opportunities</td>
<td>• Develop &amp; deploy social media engagement plan in conjunction with County Communications Collaborative and Think TV</td>
<td>• Student Engagement</td>
<td>Regularly present at County Communications Collaborative monthly meetings</td>
<td>73% of districts utilizing social media for career awareness</td>
</tr>
<tr>
<td></td>
<td>• Provide info/photos/etc. for social media engagement</td>
<td>• Parent &amp; Community Engagement</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Educator Engagement</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• County Communications Collaborative</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• All Districts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Increase understanding of students’ aptitude in relation to in-demand careers</td>
<td>• Implement Career Aptitude tool (ex. YouScience)</td>
<td>MCESC/All Districts</td>
<td>2Q 2022</td>
<td>100% of all districts using YouScience, Naviance, OMI, or some other assessment tool</td>
</tr>
<tr>
<td></td>
<td>• Provide career activity time (Power Lunch, Career Fair, guest speakers, etc.)</td>
<td>DDC/Chamber/Trade Orgs</td>
<td></td>
<td>Fully funded for member districts</td>
</tr>
<tr>
<td>3. Promote a student-facing information campaign with videos that address in-demand industry sectors, college affordability, and options for education beyond HSG</td>
<td>• Leverage Inside Dayton Internship Program recommendations and work with the Montgomery County Student Advisory Delegation for future feedback and input</td>
<td>MCESC/All Districts</td>
<td>2Q 2022</td>
<td>Host 350+ different activities across partner districts</td>
</tr>
<tr>
<td></td>
<td>• Organize Career Exploration Weeks of Action</td>
<td></td>
<td></td>
<td>90% of districts participating in career connections weeks of action</td>
</tr>
<tr>
<td></td>
<td>• Resource career activities (provide speakers, open for tours, etc.)</td>
<td>Trade Orgs/Businesses/ MVHRHA</td>
<td></td>
<td>Facilitate more than 175 partnerships with companies</td>
</tr>
<tr>
<td>4. Create more career videos for each of the local in-demand industry sectors</td>
<td>• Deploy videos through classes and other communications channels</td>
<td>MCESC/All Districts</td>
<td>1Q 2022</td>
<td>Share more than 35 locally produced career related videos</td>
</tr>
<tr>
<td></td>
<td>• Identify companies and employees for career videos</td>
<td>Trade Orgs/Businesses/ MVHRHA/Think TV/Higher Ed institutions</td>
<td></td>
<td>70% of member districts share career videos</td>
</tr>
<tr>
<td>5. Focus on K-5 career connections outreach</td>
<td>• Develop K-5 student outreach strategies on a school by school basis utilizing our A to Z videos plus other partner resources</td>
<td>L2ED/MCESC</td>
<td>2Q 2022</td>
<td>20% of partner school districts utilize K-5 career connection activities</td>
</tr>
<tr>
<td></td>
<td>• Provide necessary information for outreach communications</td>
<td>Trade Orgs/Businesses</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Co-Chairs:** Stacie Moore - Miamisburg City Schools and Katie Kerry - Clothes That Work

Get 3 more school districts to adopt social media strategy

Last district survey had 52% use YS, 95% use some tool

Held 337 events last year, 82% of districts participated in weeks of action

Boost 160 partnerships to 175

Shared 29 videos last year

Covered 70 different careers

Need to set baseline.
Expanding access to resources like:

- youscience®
  Find your way faster™

- TRANSEO
  TRANSFORM YOUR FUTURE

- nepris

- NAVIANCE

So we can track and support you all better!
Students take on future careers to Dress For Success

As part of Catholic Schools Week, students at Nazareth Elementary School wore the outfits of what careers they aspired to have when they grow up. (Photo: Nazareth Elementary School)
About
Since early 2020, the world has been rocked by triple crises: the global pandemic, the ensuing economic disruptions, and the fore-fronting of long-existing racial inequities. U.S. unemployment was at a rate not seen for more than a century whereas now a majority of Americans report economic distress and concern about the future for themselves and their families. The usual ladders to security — education, hard work, life-long employment — appear to have broken down.

Airdates
Wednesdays, September 1 through September 15, at 10pm
Mondays, September 6 through September 20, at 10pm
Commit to surveying a handful of classes for the BAC and Think TV’s Youth Voice survey. [Link]
Co-Chairs: Diane Farrell - Dayton Metro Library and Jennifer Mills - Northmont City Schools

Get 3 more school districts to adopt social media plan

Raise this from 83%

First time measuring this

First time measuring this

<table>
<thead>
<tr>
<th>Strategy</th>
<th>Actions</th>
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<th>Timeframe</th>
<th>Metric</th>
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</thead>
<tbody>
<tr>
<td><strong>1. Utilize social media to expand awareness of careers &amp; educational opportunities</strong></td>
<td><strong>Schools</strong></td>
<td>• Develop &amp; deploy social media engagement plan in conjunction with County Communications Collaborative and Think TV</td>
<td><strong>Student Engagement</strong> • <strong>Parent &amp; Community Engagement</strong> • <strong>Educator Engagement</strong> • <strong>County Communications Collaborative</strong> • <strong>All Districts</strong></td>
<td>Regularly present at County Communications Collaborative monthly meetings</td>
</tr>
<tr>
<td><strong>Industry</strong></td>
<td>• Provide info/photos/etc. for social media engagement</td>
<td>Chamber/Industry Orgs/ BBB/DOC</td>
<td>Present a mid-school year review to the BAC via email in Jan. 2022</td>
<td></td>
</tr>
<tr>
<td><strong>2. Promote parent-facing information campaign videos that address in-demand industry sectors, college affordability, and options for education beyond HSS</strong></td>
<td><strong>Schools</strong></td>
<td>• Deploy content through official school communications channels and other social media campaigns and community specific groups</td>
<td>MCESC/All Districts</td>
<td>1Q 2022</td>
</tr>
<tr>
<td><strong>Industry</strong></td>
<td>• Provide videos, events, and other resources</td>
<td>Trade Orgs/Businesses/ MV/HRA/Think TV/Higher Ed institutions</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>3. Focus on K-5 career connections outreach</strong></td>
<td><strong>Schools</strong></td>
<td>• Develop K-5 parent outreach strategies on a school by school basis using events like “Dress for Success” utilizing age appropriate career exploration curriculum</td>
<td>L2ED/MCESC</td>
<td>2Q 2022</td>
</tr>
<tr>
<td><strong>Industry</strong></td>
<td>• Provide necessary information for outreach communications</td>
<td>Trade Orgs/Businesses/ MV/HRA/Think TV/Higher Ed institutions</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>4. Organize outreach to alumni and recently graduated seniors</strong></td>
<td><strong>Schools</strong></td>
<td>• Conduct outreach and highlight alumni via digital and physical marketing like posters and social media • Focus on outreach to grandparents during career connections weeks of action</td>
<td>MCESC/All Districts</td>
<td>2Q 2022</td>
</tr>
<tr>
<td><strong>Industry</strong></td>
<td>• Provide necessary information for outreach material</td>
<td>Trade Orgs/Businesses/ MV/HRA/Think TV/ Higher Ed institutions</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
What channels/tools are you using to communicate with parents and adults in your community?

24 responses

<table>
<thead>
<tr>
<th>Channel/Tool</th>
<th>Responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alumni Network</td>
<td>1 (4.2%)</td>
</tr>
<tr>
<td>Email</td>
<td>7 (29.2%)</td>
</tr>
<tr>
<td>Weekly Newsletter</td>
<td>11 (45.8%)</td>
</tr>
<tr>
<td>One Call Now</td>
<td>12 (50%)</td>
</tr>
<tr>
<td>Twitter</td>
<td>15 (62.5%)</td>
</tr>
<tr>
<td>Facebook</td>
<td>6 (25%)</td>
</tr>
<tr>
<td>Instagram</td>
<td>0 (0%)</td>
</tr>
<tr>
<td>Grandparents Group</td>
<td>13 (54.2%)</td>
</tr>
<tr>
<td>Parent Square</td>
<td>5 (20.8%)</td>
</tr>
<tr>
<td>Print Newsletters</td>
<td>1 (4.2%)</td>
</tr>
<tr>
<td>Class Dojo</td>
<td>1 (4.2%)</td>
</tr>
<tr>
<td>Website</td>
<td>1 (4.2%)</td>
</tr>
<tr>
<td>Monthly Newsletter sent out</td>
<td>1 (4.2%)</td>
</tr>
<tr>
<td>Remind - guardian access to</td>
<td>1 (4.2%)</td>
</tr>
<tr>
<td>Counselor webpage via the</td>
<td>1 (4.2%)</td>
</tr>
<tr>
<td>phone calls/website</td>
<td>1 (4.2%)</td>
</tr>
<tr>
<td>Schoology / Schoology Center</td>
<td>1 (4.2%)</td>
</tr>
<tr>
<td>personal phone calls</td>
<td>1 (4.2%)</td>
</tr>
</tbody>
</table>

If your district has not filled this survey, please visit here to do so:
https://docs.google.com/forms/d/e/1FAIpQLSfO8Sz8xoI9n5hNYzfGSJGSBRfQPLzKV7tazefrho2wmWMCQ/viewform
What is the most successful form of communication you are currently using to reach alumni?

24 responses

<table>
<thead>
<tr>
<th>Method</th>
<th>Count</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alumni Network</td>
<td>3</td>
<td>12.5%</td>
</tr>
<tr>
<td>Email</td>
<td>5</td>
<td>20.8%</td>
</tr>
<tr>
<td>Weekly Newsletter</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>One Call Now</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>Twitter</td>
<td>3</td>
<td>12.5%</td>
</tr>
<tr>
<td>Facebook</td>
<td>2</td>
<td>8.3%</td>
</tr>
<tr>
<td>Instagram</td>
<td>1</td>
<td>4.2%</td>
</tr>
<tr>
<td>Grandparents Group</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>Parent Square</td>
<td>5</td>
<td>20.8%</td>
</tr>
<tr>
<td>Print Newsletters</td>
<td>1</td>
<td>4.2%</td>
</tr>
<tr>
<td>We are struggling with conn.</td>
<td>1</td>
<td>4.2%</td>
</tr>
<tr>
<td>unsure</td>
<td>1</td>
<td>4.2%</td>
</tr>
<tr>
<td>Phone calls- no good system.</td>
<td>1</td>
<td>4.2%</td>
</tr>
<tr>
<td>I do not feel we have a good.</td>
<td>1</td>
<td>4.2%</td>
</tr>
<tr>
<td>We don’t</td>
<td>1</td>
<td>4.2%</td>
</tr>
<tr>
<td>Unsure</td>
<td>1</td>
<td>4.2%</td>
</tr>
<tr>
<td>Unknown</td>
<td>1</td>
<td>4.2%</td>
</tr>
</tbody>
</table>
What is the most successful form of communication you are currently using to reach students?

24 responses

- Email: 18 (75%)
- Weekly Newsletter: 4 (16.7%)
- One Call Now: 6 (25%)
- Twitter: 6 (25%)
- Facebook: 6 (25%)
- Instagram: 5 (20.8%)
- Grandparents Group: 0 (0%)
- Parent Square: 9 (37.5%)
- Print Newsletters: 3 (12.5%)
- Google Classroom: 3 (12.5%)
- Remind, Canvas: 1 (4.2%)
- Class Dojo, Google Classroom: 1 (4.2%)
- Google Classroom, In Person: 1 (4.2%)
- Letters: 1 (4.2%)
- Remind Google Career Class: 1 (4.2%)
- Direct conversation with student: 1 (4.2%)
- We do a monthly digital newsletter: 1 (4.2%)
- In person or Google Classroom: 1 (4.2%)
- Schoology Posts / Schoology: 1 (4.2%)
- Hard to determine “success” of communication: 1 (4.2%)
Does your district have an active alumni network?
24 responses

Yes 3 (12.5%)
No 19 (79.2%)
We have plans to set one up. 0 (0%)
We are interested in learning more about how to do this. 3 (12.5%)

Data submitted by the following districts: DPS, Huber Heights, Jefferson Township, Kettering, Little Miami, Mad River, Miamisburg, New Lebanon, Trotwood Madison, WCCC, and WCESC, Wayne Local.
<table>
<thead>
<tr>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
</tr>
<tr>
<td>Alumni Groups, Social Media</td>
</tr>
<tr>
<td>I wish we did</td>
</tr>
<tr>
<td>We do not have a system at this time</td>
</tr>
<tr>
<td>We don't but we'd like to start!</td>
</tr>
<tr>
<td>Facebook</td>
</tr>
<tr>
<td>We do not have a good process</td>
</tr>
<tr>
<td>We need to work on this.</td>
</tr>
</tbody>
</table>
New targets across all four strategies

<table>
<thead>
<tr>
<th>Strategy</th>
<th>Actions</th>
<th>Responsibility</th>
<th>Timeframe</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Continue adoption and deployment of the Engage platform to educate students, parents, and industry and promote occupational opportunities</td>
<td>Schools: • Display the Engage platform through links on school websites including materials and important links to standardize messaging for both students, parents and employers</td>
<td>MCESC/All Districts</td>
<td>4Q - 2022</td>
<td>• 50% of schools link to Engage on their websites by May 30</td>
</tr>
<tr>
<td></td>
<td>Industry: • Utilize Engage platform which houses information on K-12 workforce pathways as well as how to connect with schools for career engagement • Continue to provide feedback on the Engage platform</td>
<td>SOCHE/ Business/ Trade Organizations</td>
<td></td>
<td>• Develop/Publish Engage deployment plan; Sign up 50 businesses on Engage • In progress</td>
</tr>
<tr>
<td>2. Promote and continue to build additional job descriptions with student qualifications and desired learning outcomes in key industries</td>
<td>Schools: • Ensure job descriptions and Career Connections Framework are reflected in coursework • Advertise job descriptions and Career Connections Framework to students participating in career engagement</td>
<td>MCESC/All Districts</td>
<td>4Q - 2022</td>
<td>• 50% of schools utilize Engage and Career Connections Framework by May 30</td>
</tr>
<tr>
<td></td>
<td>Industry: • Utilize job descriptions in career engagement opportunities • Give feedback and suggest new job descriptions</td>
<td>SOCHE/ Business/ Trade Organizations</td>
<td></td>
<td>• In progress</td>
</tr>
<tr>
<td>3. Establish partnerships which will provide opportunities for engaging students</td>
<td>Schools: • Partner with SOCHE for assistance with student career engagement with industry • Identify companies in close proximity to your school for partnership in career engagement</td>
<td>MCESC/All Districts</td>
<td>2Q 2022</td>
<td>• 50% engage with industry for career engagement • High Schools develop list of companies for engagement</td>
</tr>
<tr>
<td></td>
<td>Industry: • Build workforce development sub-committees in your Industry group to discuss and participate in career engagement • Utilize the career engagement form on Engage to partner with schools in the region • Work with Trade Associations to engage with Schools and utilize a sustainable process to build workforce</td>
<td>SOCHE/ Business/ Trade Organizations</td>
<td></td>
<td>• Establish committees in 5 Trade Associations • Sign up 50 businesses on Engage</td>
</tr>
<tr>
<td>4. Increase the # of students and industry members who participate in career engagement opportunities</td>
<td>Schools: • Utilize Transco to track career engagement of students • Every school develops a list of students prepared for career engagement • Students complete resume in order to prepare for career engagement opportunities</td>
<td>MCESC/All Districts</td>
<td>2Q 2022</td>
<td>• 5 school districts to sign up on Transco by May 30 • Develop/Publish Engage deployment plan</td>
</tr>
<tr>
<td></td>
<td>Industry: • Analyze operations to determine areas in organization that can benefit from an intern • Engage students in career engagement opportunities</td>
<td>SOCHE/ Business/ Trade Organizations</td>
<td></td>
<td>• Develop/deploy promotion campaign plan • Engage with 600 students</td>
</tr>
</tbody>
</table>
We have convened a team of industry partners to help advance this working group’s goals.
Meeting tomorrow: 10:00 am on Zoom
https://zoom.us/j/94118733388
A statewide approach is critical in addressing the needs of an ever changing workforce landscape.

Co-Chairs: Stephanie Keinath & Tom Lasley

<table>
<thead>
<tr>
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<th>Timeframe</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Create a policy agenda to guide our efforts for the 2021/2022 school year</td>
<td>• To provide on the ground observations as it pertains to workforce development policy for schools</td>
<td>All districts</td>
<td>Create an initial agenda with key policy priorities for Q2 2022</td>
<td>• Creation of a policy agenda • Identification of 2 to 3 key policy priorities</td>
</tr>
<tr>
<td>Industry</td>
<td>• To provide feedback on workforce needs and possible policy and legislative language changes</td>
<td>Chamber/Industry Orgs/ BBB/DDC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Specifically examine policies to address our state’s digital divide and online access issues</td>
<td>• Remediate those barriers with local, state, and federal resources available</td>
<td>All districts</td>
<td>2Q 2022</td>
<td>• Successfully map online learning access and barriers in our region</td>
</tr>
<tr>
<td>Schools</td>
<td>• Highlight possible public/private partnerships</td>
<td>Chamber/Industry Orgs/ BBB/DDC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Industry</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Explore policies specifically aimed at offering more work-based learning opportunities for K-12 students</td>
<td>• Partner with employers to create high quality work-based learning experiences</td>
<td>All districts</td>
<td>2Q 2022</td>
<td>• Successfully define draft incentives/policies</td>
</tr>
<tr>
<td>Schools</td>
<td>• Identify pragmatic incentives and policies to increase employer participation in work-based learning opportunities</td>
<td>Chamber/Industry Orgs/ BBB/DDC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Industry</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Improve tracking and access to community workforce data</td>
<td>• Define what datasets would help build capacity for schools to understand if equity or opportunity gaps exist</td>
<td>All districts</td>
<td>2Q 2022</td>
<td>• Define strategies to identify important workforce data • Provide access to relevant data</td>
</tr>
<tr>
<td>Schools</td>
<td>• If equity gaps exists, define strategies to close those identified gaps</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Industry</td>
<td>• Explore, measure and disaggregate college credit attainment, industry recognized credential attainment, Ohio means jobs readiness seal attainment</td>
<td>Chamber/Industry Orgs/ BBB/DDC</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
We’re meeting with state leaders to gain a better understanding on what is working across Ohio to incentivize employers to offer more work based learning opportunities.
We intend to host some local companies that hire large numbers of our youth to hear what ways we can better collaborate with them and build upon this first job opportunity.
We are reaching out to Cincinnati Public Schools BAC to gain a better understanding of how they are signing up employers to host students in paid WBL opportunities.
MCESC staff will be meeting with leaders from the state to unpack the current Ohio Dept. of Education Data portal on Nov. 15th.
**Educator Engagement**

Educators are well-positioned to guide our students on a path toward career success if they have the training, curriculum tools and support from industry to increase their own awareness, knowledge and skills to support students’ career planning.

**Co-Chairs:** Candice Sears & Yvonna Kaszubowski

**Goal to increase participation rate from 60% to 75%**

**First time proposing these types of 1 on 1s**

**Notable inclusion of healthcare and advanced manufacturing**

---

**Strategy**

<table>
<thead>
<tr>
<th>Strategy</th>
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<th>Responsibility</th>
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<th>Metric</th>
</tr>
</thead>
</table>
| 1. Align existing programs and resources to meaningfully meet the ODE career connections requirements | **Schools**
Determine and Promote MCESC BAC Operational Definitions of Work-Based Learning | Educator Engagement Team, with ODE Representative | May 2022 focus on IT, Healthcare, and Adv Manufacturing | Measured by awareness of School Career Connections Survey |
| Provide Work-Based Learning Resources (Guidance documents, OME readiness seal, pre-apprenticeships, job shadowing, etc.) | Educator Engagement Team, with ODE Representative | May 2022 focus on IT, Healthcare, and Adv Manufacturing | 75% of ODE districts participate in Career Champions meetings this year |
| Share examples of Career Connections at Career Champions meetings | MCESC Staff | Ongoing Orly Meetings | |
| Create an adaptable career connections planning tool for districts that identifies requirements by band, aligns available resources, and identifies gaps | Educator Engagement Team | 2021-2022 focus on IT, Healthcare, and Adv Manufacturing | Hold information session for management tools to foster career connections planning |
| **Industry**
Partner with schools to help plug identified gaps with industry-relevant opportunities (speakers, tours, lunches, projects, etc) | TBD as gaps are identified | 2021-2022 focus on IT, Healthcare, and Adv Manufacturing | Partner with 100% of districts in a one on one meeting to discuss industry-relevant opportunities |
| 2. Utilize data to drive decision and increase career readiness across the educational continuum | **Schools**
Share Learn to Earn Indicators, Career Readiness Survey Data, and Snapshot Data with Career Champions, Counselors, Building Admin, MVRCSD, Teachers | MCESC/L2ED Staff & Educator Engagement Team | Annually | Host professional learning around state’s new data portal |
| Share protocols to use for data walks in districts | | | | 75% of districts reporting use of data walks |

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**Notable Inclusion of Healthcare and Advanced Manufacturing**
Educator Engagement Update:

We’re missing our goal of Career Champion participation.

We’re receiving great feedback from participants and can directly point to resources and opportunities funnelling back to districts but we have seen a dip in participation.

We need to pin down alternates for Champions meetings. The ESC will be communicative over who is participating and at what frequency.
Educator Engagement Update:

We’re updating the Mid-Year Career Connections Review.

We’re assembled a small group of members of this committee to come together and meet to design a hands on activity educators can use during CS Ed Week in December.

We’re meeting with the state to review their new data portal.

Stress is an enormous factor in this work right now with educators.
Transeo Update:

11 area districts plan on implementing Transeo this school year
<table>
<thead>
<tr>
<th>Strategy</th>
<th>Actions</th>
<th>Responsibility</th>
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<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>3. Expand authentic experiences and activities connected to careers</td>
<td><strong>Schools</strong>&lt;br&gt;Leverage and promote career activities and tasks that align with content standards (technical and employability skills)&lt;br&gt;Promote careers within each Industry Cluster, by generating resources and activities for one week’s worth of programming for each cluster (using Manufacturing Week as a model)&lt;br&gt;Host quarterly Career Champions/Counselors Meetings with Industry Tours&lt;br&gt;Host Teacher Industry Experience&lt;br&gt;Attend focus groups to develop career activity ideas and identify career alignment with content standards Host Industry Tours and Experiences</td>
<td>All districts, MCESC staff</td>
<td>2021-2022 academic year</td>
<td>• Track # of career connection experiences&lt;br&gt;• Track # of schools implementing K-5 career connections&lt;br&gt;• Usage of Employability Skills &amp; Career Sector Courses&lt;br&gt;• Creation of (1) week of programming for each cluster&lt;br&gt;• 4 quarterly meetings&lt;br&gt;• 4 teacher industry experiences&lt;br&gt;• Track # of focus groups</td>
</tr>
<tr>
<td>4. Create plug and play structural course alignment options for workforce sectors</td>
<td><strong>Schools</strong>&lt;br&gt;Work with P2P to identify career pathways structures - research existing options within and beyond the local districts and draft local pathway option&lt;br&gt;Work with schools (K-12 &amp; HE) to identify targeted pathways, coursework, and credentials</td>
<td>MCESC &amp; L2ED in coordination with the Educator Engagement Team</td>
<td>2021-2022 academic year</td>
<td>• Finalize 3rd pathway&lt;br&gt;• Track # of pre-apprenticeships/apprenticeships&lt;br&gt;• Track # of credential opportunities</td>
</tr>
</tbody>
</table>
General Discussion
My purpose is...

to try to clean the environment and to be a successful business owner.

My purpose is...

to be on TV to help and make a difference so someone can see.

My purpose is...

writing to help and make a difference.

My purpose is...

to help and make a difference for animals.
My purpose is:

To give people a roof
over their head
and a meal to eat.
My purpose is....

Code computers
and robots to
help every people
with daily tasks.

My purpose is....

Nicolle owens is
their... 

My purpose is....

z

to share my Team
seas to take trash
out of the Ocean

My purpose is....

To make sure that
and help others

My purpose is....

Clean up the sea
and help others...
My purpose is....

I don't have a purpose

...
ACTION ITEM #1

Attend an upcoming BAC Working Group Meeting
Drop some recommendations for our next Champions tour! Have your district send a representative.
Ensure your district’s computer science teacher attends our next CS Educators Network meeting on Dec. 9th at 3:45 pm on Zoom!

https://zoom.us/j/98099948406
ACTION ITEM #4
Commit to surveying a handful of classes for the BAC and Think TV’s Youth Voice survey. [Link]
ACTION ITEM #5
Commit to joining the BAC’s recommended career fair partner employer list.
Help our region participate in CS ED Week next month!

COMPUTER SCIENCE EDUCATION WEEK is an annual call to action to inspire K-12 students to learn computer science, advocate for equity, and celebrate the contributions of students, teachers, and partners to the field.
ACTION ITEM #7

As part of Catholic Schools Week, students at Nazareth Elementary School wore the outfits of what careers they aspired to have when they grow up. (Photo: Nazareth Elementary School)

Commit your district to host a Dress for Success event for your elementary school students this spring.
Partner Updates / General Discussion