Show-Me Success

All students will graduate ready for success.

Access, Opportunity, Equity

Teachers and Leaders

Efficiency and Effectiveness
CONTINUOUS IMPROVEMENT SYSTEM

THEORY OF ACTION:
Improved student learning for every student in every school.
OCCR Mission

The mission of the DESE Office of College and Career Readiness is to guide and support schools in preparing success-ready students.
A success-ready student has the *knowledge, skills, behavior and experiences* to achieve personal goals and contribute in all facets of life.
• 60 percent of Americans believe that K–12 education systems should be responsible for preparing students for the workforce.

Transition from CCC’s to Career Advisors and Pathways Consultants

- Transition from College and Career Consultants to Career Advisors – Pathways Consultants
- Career Advisors - work with school districts
- Pathways Consultants - work with employers
- Successful transition of (ICAP) Individual Career And Academic Plans (knowledge and experiences) to relevant postsecondary options.
Career Advisors

• Support schools with implementation of Missouri Connections
• Assist in development and implementation of an Individual Career and Academic Plan (ICAP)
• Promote and support Breaking Traditions

Pathway Consultants

• Identify how demand occupations
• Connect employers to educators and postsecondary institutions
• Coordinate and facilitate externships
• Promote and provide professional development and resources for teaching professional/essential skills

Shared nontraditional STEAM events
STEAM Event Participation Totals

+ 5% Growth Goal = 2,516 Students

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of Events</th>
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<tbody>
<tr>
<td>FY 16</td>
<td>1</td>
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<tr>
<td>FY 17</td>
<td>2</td>
</tr>
<tr>
<td>FY 18</td>
<td>25</td>
</tr>
<tr>
<td>FY 19</td>
<td>34+</td>
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*84 School Buildings
Nontraditional STEAM Event Participation by Region

total: 2396
FY19 goal: 2516 (5%↑)

Southeast: 252
Heart of Missouri: 65
Kansas City: 19
Northeast: 433
Northwest: 205
South Central: 202
Southwest: 567
St. Louis: 425
Central: 228
Shared Calendar

STEAM EVENTS/Externships

STEAM Events

- 7/8 grade
- Regionally located
- Hands-on events
- Nontraditional career focus
- Contact your regional Career Advisor for more information.
**Missouri Connections**

- Comprehensive, online career development and planning program funded by DESE and provided free of charge to all Missouri citizens.

<table>
<thead>
<tr>
<th>Versions</th>
<th>Integrated Portfolio/Planning Tools</th>
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<tbody>
<tr>
<td>Career TREK (Elementary Grades 3-5)</td>
<td>Assessments</td>
</tr>
<tr>
<td>Junior (Middle School Grades 6-8)</td>
<td>Programs of Study</td>
</tr>
<tr>
<td>High School (Grades 8-12)</td>
<td>Interest Profiler</td>
</tr>
<tr>
<td>Adult/College</td>
<td>Career Cluster Inventory</td>
</tr>
</tbody>
</table>

**NEW for 2018-2019**

Individual Career and Academic Plan Implementation project (ICAP)
Missouri Connections: ICAP

**PLANNING TOOLS:**

- **Career Plan** (checklist, course planner)
- **Assessments** (career cluster inventory, interest profiler, skills, values, affordability, employability skills, reality check)
- **Occupations** (occupation lists and sort, comparisons, military options, self-employment)
- **Education** (degree and certification programs, school sort, comparison, tuition, financial aid)
- **Employment** (resume creator, job search)
Statement of Work for ICAP and Reporting

Provides an overview of the ICAP and Reporting project which provide an integrated platform for students in Missouri to complete their Individual Career and Academic Plan (ICAP), and teachers and administrators with a real-time reporting interface to manage and report of student completion.

**Student ICAP to include:**

- Secondary Course Planning
- Career Paths, Career Clusters, and Program of Study
- Postsecondary Goals, Options, Saving Schools, and Applications
- Education and Career Goals
- Learning Opportunities: Work-Based, Extracurricular, Co-Curricular
- Career Assessments and Inventories
- Test Scores
- Financial Aid: FAFSA and Scholarship Exploration
- College Prep Coursework
- Career and Technical Education (CTE) Certificate Requirements

The ICAP will be delivered as a process-based workflow where students will be guided through each of the activities, receiving feedback completion rate as they progress through the plan.

**ICAP Reporting**

ICAP reporting will provide a dashboard view of the student completion with aggregate metrics available for completion rate against all activities enabled for the ICAP plan and completion rate for each specific activity. At the school level, reporting on student completion for each activity is also available.

https://portal.missouriconnections.org/
Goal: Improve user interface and data availability

Missouri Connections provides a wealth of quality career development resources for adults seeking re-training, career change, or just looking for a job.

**Key Improvements:**

- No login required
- Add connecting links to partners
- Better printed occupational summary
- Add Top Career Grades and Career Paths by region and experience/education groups (Now, Next, Later)
- Occupational projections and paths updates easy with date.mo.gov
- New information on Career Grades, Paths, Workkeys
- Ability to link to occupational summary

https://workforce.missouriconnections.org/
Guest Login

Missouri Connections

MissouriConnections.org
Paths, Clusters and Pathways

Career Planning
### Individual Career and Academic Plan (ICAP)

**Name:** ____________________  
**Graduation Year:** ____________

#### Select a Career Path
- Select: ____________________

#### Career Cluster
- Select: ____________________

#### Program of Study (Pathway)
- ____________________

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<th>Grade</th>
<th>Requirements/Credits</th>
<th>Credits</th>
<th>1st Semester</th>
<th>2nd Semester</th>
<th>Review Each Semester</th>
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<td>P.E.</td>
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<td>10th Grade Review</td>
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<td>Personal Finance*</td>
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<td>P.E.</td>
<td>1/2</td>
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<td>11th Grade Review</td>
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<td>12th Grade Review</td>
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<td>Electives</td>
<td>7</td>
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</tbody>
</table>

**Additional Postsecondary Preparation**  
- Program:  
- Career and Technical Ed Certificate  
- Industry-Recognized Credential  
- Missouri Seal of Biliteracy  
- NDA  
- Technical Skill Attainment  
- Other: ____________________

**Postsecondary Goals**  
- ____________________

**Postsecondary Options:**  
- Direct to workforce  
- Military  
- Tech School/Area Career Center  
- Vocational Training (Apprenticeship)  
- 2 year College  
- transfer to 4 year college  
- 4 Year College or University  
- Other: ____________________

**Review Each Semester:**
- 9th Grade Review  
- 10th Grade Review  
- 11th Grade Review  
- 12th Grade Review

*The grade level/financial aid for Personal Finance may vary based on individual school district decisions.*
<table>
<thead>
<tr>
<th>Co-curricular Activities</th>
<th>Work Based Learning</th>
<th>Extracurricular Activities</th>
<th>Assessments/Academic Results</th>
<th>Missouri Connections</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>List with number of years involved and any positions held. Example but not limited to: CT 80, Debate, Drama, Marching Band.</td>
<td>List with number of years involved and any positions held. Examples but not limited to: Athletics, Clubs, Leadership, Student Council.</td>
<td>ACT: AB/VB: PSTAT: SAT: ACT WorkKeys: Other:</td>
<td>8th: Career Cluster Inventory 9th: Interest Profile 9th: Reality Check 11th: Learning Styles Survey 12th: Workplace Employability Skills</td>
</tr>
<tr>
<td></td>
<td>Apprenticeship Career Research Cooperative Education Employment Internship Job Shadow Mentorship Resume/Job Application/Mock Interview Service Learning Project Volunteer</td>
<td></td>
<td>FAFSA (date completed)</td>
<td></td>
</tr>
</tbody>
</table>

**Scholarship Applications**

**Postsecondary Applications**

**Institution Name**

**Status**

---

**Graduation Requirements**

- American Government Exam
- Missouri Graduation Exam
- U.S. Constitution Exam
- 30 min CPR/First Aid Instruction

<table>
<thead>
<tr>
<th>Language Arts – 4 credits</th>
<th>Mathematics – 3 credits</th>
<th>Physical Education - 1 credit</th>
<th>Health - 5 credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social Studies – 3 credits</td>
<td>Sciences – 3 credits</td>
<td>Personal Finance - 5 credit</td>
<td>Physics – 7 credits</td>
</tr>
<tr>
<td>Fine Arts – 1 credit</td>
<td>Practical Art - 1 credit</td>
<td>Total of 24 credits + met all graduation requirements</td>
<td></td>
</tr>
</tbody>
</table>

---
Career and Technical Education Certificate

Name: __________________
Graduation Year: ________

The student must meet all the requirements as follows:

☐ All Graduation Requirements
☐ CTE Concentrator, three or more credits in sequence in a department-approved career education program defined on the students ICAP, with Grade Point Average in the CTE area of concentration - 3.0 on a 4.0 scale
☐ TSA/VRC
   Name of Assessment: ________________________
   Pass/Fail _________________________________
   Date: ________________________________
☐ Soft Skills/Business Skills Attainment (1 of 3 options)
   ☐ CTSO active participation in junior or senior year
   ☐ Letters of Recommendation
   ☐ Soft Skills/Ethics Assessment
☐ College and Career Readiness Measure
   ☐ ACT: _________________________________
   ☐ ACT WorkKeys: __________________________
   ☐ ASVAB: _________________________________
   ☐ SAT: _________________________________
☐ 50 hours of work-based learning (Registered Apprenticeships, Cooperative Career Education Programs, internships, clinical settings, job shadowing, entrepreneurial experiences, school-based enterprises, structured business/industry field trips, service learning, or other opportunities that provide real-time, authentic work experiences)
☐ 95% attendance or greater for grades 9-12

For more information on the CTE Certificate Criteria visit: https://dese.mo.gov/sites/default/files/cte-certificate-criteria.pdf
The Missouri Career Pathways Vision

All Missouri students will:

1. Graduate from high school success ready with an individual career and academic plan (ICAP) and work-based learning experience,

2. Attain a credential of certification with value in the regional and global labor market(s), and

3. Launch a career in an occupation earning a family living wage with opportunity to advance to higher levels of education and employment.
Pathways for Teacher Externship Goals

Connect educators to business & industry workplace skills

• Math Skills
• Communication Skills
• Technology Skills
• Science Skills
• Professional Skills (4 C’s)

Broaden awareness of career opportunities for students

Integrate work place skills into instruction
**School District Teams**

- **7/1/18 baseline**: 176
- **9/30/18 (Qtr 1)**: 188
- **12/31/18 (Qtr 2)**: 209
- **3/31/19 (Qtr 3)**: 223

**Employer Partners**

- **7/1/18 baseline**: 202
- **9/30/18 (Qtr 1)**: 211
- **12/31/18 (Qtr 2)**: 239
- **3/31/19 (Qtr 3)**: 

**+10% Growth Goal**

- **District Teams**: 194
- **Partners**: 223
Postsecondary Partners

Strategic Partners

+ 5% Growth Goal = 62 P-S Partners

+ 5% Growth Goal = 110 Strategic Partners
Missouri Career Pathways Program
Teacher Externships/Participants

+ 25% Growth Goal = 1578 Teachers
<table>
<thead>
<tr>
<th></th>
<th>Career Advisor</th>
<th>Pathways Consultant</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Marisa Bowen</td>
<td>Jim Welker</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:mlabowen@semo.edu">mlabowen@semo.edu</a></td>
<td><a href="mailto:jwelker@semo.edu">jwelker@semo.edu</a></td>
</tr>
<tr>
<td>2</td>
<td>Jeff Beiswinger</td>
<td>Roberta Carson</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:Beiswinger@Missouri.edu">Beiswinger@Missouri.edu</a></td>
<td><a href="mailto:Roberta.carson@dese.mo.gov">Roberta.carson@dese.mo.gov</a></td>
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<tr>
<td>3</td>
<td>Gwen Poss</td>
<td>Ann Starlin-Horner</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:possg@umkc.edu">possg@umkc.edu</a></td>
<td><a href="mailto:Ann.starlin-horner@dese.mo.gov">Ann.starlin-horner@dese.mo.gov</a></td>
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<tr>
<td>4</td>
<td>Polly Matteson</td>
<td>Polly Matteson</td>
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<td></td>
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<tr>
<td>5</td>
<td>Allyson Graham</td>
<td>Allyson Graham</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:agraham@nwmissouri.edu">agraham@nwmissouri.edu</a></td>
<td><a href="mailto:agraham@nwmissouri.edu">agraham@nwmissouri.edu</a></td>
</tr>
<tr>
<td>6</td>
<td>Jackie Marling</td>
<td>Steve Bryant – manager</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:marling@mst.edu">marling@mst.edu</a></td>
<td><a href="mailto:Steve.Bryant@dese.mo.gov">Steve.Bryant@dese.mo.gov</a></td>
</tr>
<tr>
<td>7</td>
<td>Marci Dowdy</td>
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<tr>
<td>8</td>
<td>Michelene Carbol</td>
<td>Shonda Gray</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:mcarbol@edplus.org">mcarbol@edplus.org</a></td>
<td><a href="mailto:Shonda.gray@dese.mo.gov">Shonda.gray@dese.mo.gov</a></td>
</tr>
<tr>
<td>9</td>
<td>Jay Webster</td>
<td>Roberta Carson</td>
</tr>
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<td></td>
<td><a href="mailto:webster@ucmo.edu">webster@ucmo.edu</a></td>
<td><a href="mailto:Roberta.carson@dese.mo.gov">Roberta.carson@dese.mo.gov</a></td>
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Questions?

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Steve Bryant – Steve.Bryant@dese.mo.gov
Chrissy Bashore – Chrissy.Bashore@dese.mo.gov
Amber Ernst – Amber.Ernst@dese.mo.gov