

SMITHVILLE R-II SCHOOL DISTRICT PROGRAM AND DATA EVALUATION FORM

I. PROGRAM/ DATA INFORMATION

Type of Program or Data: Career and Technical Education (CTE) and Real World Learning (RWL)

Personnel Responsible for Evaluation: Executive Director of Grades 7-14 and Real World Learning Coordinator

Month of Annual Review: February 2025

II. EVALUATION OF PROGRAM/DATA

Evaluator Name: PJ McGinnis and Carol Noecker

Recruitment of Students:

- Career education at the High School remains a priority in preparing students for the world of work after graduation. Students' strengths and development areas are assessed using formal assessments through Missouri Connections (HS & MS), ACT, ACT WorkKeys, and the Armed Services Vocational Aptitude Battery (ASVAB). The High School Guidance Department utilizes these data in developing a student profile to assist students in making career and course selection decisions.
- Students are exposed to career information through the Counseling Department, the "clearing house" of life-after-high-school decisions. Further, career interest surveys are also available at the initiation of students and parents. In compliance with our CSIP, career fairs are being held at all buildings to expose students to career options they may be unaware of. These career fairs also feature high-demand occupations in the KC Metro.
- The Smithville Counseling webpage is designed to be easy to use and understand. It provides a wide variety of resources and information for students and families, such as the Academic Planning Guide, Career Pathways Academic Planning Tool, AP Dual Credit Courses, Weighted Courses, CAPS/NCC (Off-Campus Opportunities)
- Students are invited to attend the Northland Career Center's Open House and tour the facilities and programs before enrollment in these programs is finalized in students' Junior and Senior years. Similar shadowing opportunities are available for students interested in attending Northland CAPS.

Summary of Progress:

- Last spring, in compliance with MSIP 6, all grades 8-11 students completed their Individual Career and Academic Plan (ICAP) through the Missouri Connections system. This plan aligns career interest/s with course selections throughout the high school years. The ICAPs revisited and revised annually in consultation with the high school counselors.
- Since 2022, about 60% of graduates leave Smithville High School with 9 or more College Credit hours.
- Almost 50% of 2024 graduates had an Entrepreneurial Experience in high school, up from 37% of 2022 graduates
- 45% of 2024 graduates worked with a client on a Client Connected Project MVA compared to 12% of 2022 graduates
- 20% of 2024 graduates left high school with an industry certification
- As our work with the Kauffman Foundation progresses, we are expanding Market Value Asset (MVA) opportunities for our students to have 100% of graduates with MVAs by 2030. The table below shows the progress made by the annual MVA percentage attained by Smithville High School graduates. Note: An internal goal is to increase the percentage by 3 annually.

	2021-2022	2022-2023	2023-2024	2024-2025
SSD MVA Percentage	78%	82%	88%	TBA

Meeting the Curricular Needs of Students:

- Vocational Education programs continue to play a vital role in the career development of Smithville High School students. Some of our offerings include a variety of Project Lead the Way (PLTW) classes, in-house Vocational Agriculture, Industrial Arts, Business, Family and Consumer Sciences and the myriad of programs offered our students through our partnership with the Northland Career Center; vocational offerings provide our students with a wide pallet of choices that have increased in overall enrollment. Special education students, through the implementation of their Individual Education Plans (IEP) are allowed to gain valuable life skills through our contracted Vocational Rehabilitation program. SpEd case managers are integral to informing and guiding Special Education students.
- Students completing any two-year program at Northland Career Center earn 1 embedded credit of English and 1 embedded credit of math toward graduation.
- Although not a Career and Technical Education program, the Northland Center for Advanced Professional Studies (NCAPS) program offers another opportunity for students to develop professional and academic skills. Currently, Smithville High School students are enrolled in Advanced Manufacturing and Engineering, Digital Media and Design, Technology Solutions, Global Business and Logistics, Medicine and Healthcare, and the Business Accelerator. This program features job-embedded learning as workplace classes and projects are facilitated.

Enrollment in Career Technical Education Programs

Site	Course	2020- 2021	2021- 2022	2022-2023	2023-2024	2024-2025
SHS	Agricultural Education	120	145	131	119	112
NCC	Agricultural Education	2	1	0	2	1
NCC	Aviation Technology	4	6	3	1	1
SHS	Business Education	143	159	161	150	187
NCC	Construction Technology I/II	10	2	4	6	3
NCC	Culinary Arts	2	4	3	3	2
NCC	Diesel Technology I/II	5	6	11	8	6
SHS	FACS	510	486	482	521	538
NCC	Health Sciences I/II	2	6	2	10	7
NCC	HVAC I/II	8	2	4	4	5
NCC	Industrial Production and Robotics	0	2	10	7	10
NCC	Industrial Welding I/II	3	5	4	4	5
NCC	IT Professionals	8	6	4	4	1
NCC	Law Enforcement/CSI	8	9	5	4	3
SHS	Marketing/COE	Not Offered	Not Offered	98	84	90
SHS	PLTW BioMedical	62	40	78	89	75
SHS	PLTW Engineering/ Industrial Technology	58 PLTW 22 other tech	73 PLTW Only	100 PLTW Only	92 PLTW Only	88 PLTW Only

Site	Course	2020- 2021	2021- 2022	2022-2023	2023-2024	2024-2025
NCC	Teaching Professions	2	0	*0	*0	*0

*SHS the Cadet Teaching class - Enrolled Junior and Senior students attend the Cadet teaching class for 2 Blocks on 'A' Days. These students can earn A+ and college credit through the University of Central Missouri.

Real World Learning

Closely related to Career and Technical Education is Real World Learning (RWL). Both promote career awareness and develop skills to be successful in the world of work. With financial assistance from the Kauffman Foundation, the SSD has made great strides in its RWL initiatives over the past year. Some highlights include:

- Individual Career and Academic Plans (ICAPS) for all students currently enrolled in grades 8-12. This is mandated in MSIP 6
- Reinstating the Marketing program at SHS.
- Reinventing the work study program to “Professional Skills and Work Experience” which includes a boot camp with essential work skills, regular feedback from employers, and attainment of a Market Value Asset (MVA).
- Expansion of client-connected projects (also an MVA) into CTE and other courses.
- Expansion of internship programs, including Professional Skills & Internship, Marketing, Cadet Teaching, and Child Development and Supervised Business Experience, provide meaningful hands-on learning.
- Additional opportunities for industry certifications in Information Technology and Marketing.
- Initiatives like Warrior Print, The Tribe Store, and The Warrior Grind offer students experience in running and managing real-world businesses.

Evaluation of Smithville High School Career Education and Real-World Learning Programs

Strengths of Career Education and Real World Learning Programs

- For each CTE program, participation in the associated student organization is strong.
- In each CTE program, at least 75% of the program of study is aligned with current technical content standards.
- On an annual basis, industry representatives, parents, teachers, staff, and community leaders meet to provide feedback on our current CTE programs.
- The network of RWL school districts is growing and the collaboration helps create more efficient and relevant programming
- Each high school CTE program has a related feeder program at the middle school.
- In the RWL program, dual credit and entrepreneurship opportunities have been offered to our students for many years.

- In both programs, a variety of technology, equipment, and instructional materials are available and utilized to support the curriculum and instructional process.
- In both programs, instructors actively participate in ongoing, high-quality, program specific professional development.
- Any class proposed to be added to the High School course catalog must include an MVA opportunity.

Opportunities for Career Education and Real World Learning Programs

- The district does not have a written curriculum for all courses in the CTE programs that includes most of the required components and is aligned to the most recent version of the Missouri Learning Standards and applicable industry standards.
- Student technical skill attainment and/or industry recognized certification exams are not available to students in all CTE programs.
- Explore ways to continue a popular and relevant industrial technology course at the Middle School level.
- As the High School has created common plan time for EOC content classes, there is an opportunity to embed a client-connected project into one or more EOC contents so that each student enrolled in the course has a Real World Learning opportunity related to the standards.
- We have a thriving middle school skilled trades class (Industrial Tech) but limited opportunities to continue this learning at the high school.
- Explore the development of a Registered Youth Apprenticeship program for skilled trades and teaching pathways.
- Explore expanded offerings in in-demand areas such as computer science. Utilizing the PLTW platform can streamline the process

Recommendations for Career Education and Real World Learning Programs

- Beyond district Professional Development time, utilize Career Ladder to encourage CTE instructors to document their course curriculum thoroughly.
- Continue to explore relevant Industry Recognized Credentials that would benefit our students enrolled in CTE courses at the high school.
- As the Kaufman grant currently funds Mrs. Noecker's position, a recommendation would be to explore ways to fund her position when the grant expires in two years.
- Plan for growth and modernization of space and equipment through capital projects and bond revenue
- Work with core content areas to identify appropriate core credits to embed in client-connected projects.
- Explore opportunities to add Pathways to Skilled Technical Training to our course offerings at the high school.