

SAMPLE PROJECT 1

Name of Project: **Girls in STEM Description**

Description:

The _____ School District will contract with the Arkansas STEM Coalition to offer a one-day project to address the Perkins Performance Indicator of Non-Traditional Participation and Completion. This is an interactive, hands-on educational experience designed to excite young women to careers in science, technology, engineering and math. This project will serve up to 100 young women to create a passion in STEM careers. This project will include all activities, lunch and supplies necessary to successfully complete the projects. Regional STEM offices will assist local industry partners with making presentations and conducting hands-on projects to ignite young woman's interest in stem careers. Transportation to and from the college is not included.

Justification:

The _____ School District did not meet the Perkins Performance Indicator of Non-Traditional Participation and/or Completion. The _____ Schools are 59% low income and 35% are of racial minority. Most young women do not have the opportunity to speak with professionals concerning career opportunities or what educational and skill requirements are necessary for STEM careers. _____ High School has robust CTE programs including: Accounting, Agriculture Plant Science, Digital Communications, Drafting and Design: Architectural and Engineering, Management, Marine JROTC, Mobile Application Development, Medical Professions class and is adding Sports Medicine program of study. Current industry data indicates the STEM areas have many current openings with future job growth continuing in Arkansas.

Benefit:

The _____ School District did not meet the Perkins Performance Indicator of Non-Traditional Participation and/or Completion. The _____ Schools are 59% low income and 35% are of racial minority. Most young women do not have the opportunity to speak with professionals concerning career opportunities or what educational and skill requirements are necessary for STEM careers.

Cost:

The _____ School District will contract with the Arkansas STEM Coalition to offer this one-day interactive training for young women to encourage interest and excitement toward STEM areas. This

Anticipated Impact

of Schools 1
of teachers 3
of Counselors 1
of CTE Admins 2
of Non-CTE Admins 1
of Students 100

Costs:

<u>School</u>	<u>Cost Type</u>	<u>Description</u>	<u>Unit Cost</u>	<u>Quantity</u>	<u>Total</u>
Name	Contracted Services	AR STEM COALITION	\$100	100	\$10,000

Contact Information:

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SAMPLE PROJECT 2

Name of Project: **HIS: Healthcare Ignites Success**

Description

The _____ School District will partner with UAMS to provide a one-day project to address the Perkins Performance Indicator of Non-Traditional Participation and Completion. This is an interactive, hands-on educational experience designed to ignite the dreams and thoughts of young men by exploring various careers in healthcare. This project will serve up to 60 students to show success in veterinary, pharmacy, optometry, athletic training, EMT paramedic, nurse, physician, dentist and physical and/or occupational therapists. Students will also participate in activities that show orthopedics, cardiovascular, phlebotomist, and emergency medicine. This project will include all activities, lunch and supplies necessary to successfully complete the projects. Local male health care specialists will present projects throughout the day and will make presentations to students concerning their profession. Tour of the hospital, ambulance/helicopter and pharmacy will be included in the day. Transportation to and from the hospital is not included.

Justification

The _____ School District did not meet the Perkins Performance Indicator of Non-Traditional Participation and/or Completion. The _____ Schools are 59% low income and 35% are of racial minority. Most young men do not have the opportunity to speak with health care professionals concerning career opportunities or what educational and skill requirements are necessary for this professional field. _____ High School has a robust Medical Professions class and is adding Sports Medicine program of study. This program will ignite interest in high school health classes and to possibly enter the health care field, which is currently foreign to them. Current industry data indicates the health care industry has many current openings with future job growth continuing.

Benefit

Young male students will benefit from the one-day exposure to health care industry and by interacting with health care professionals. Students will tour local hospital and pharmacy and interact with male dentist, optometrist, pharmacist, physical therapist, emergency medical technician, nurse, physician, athletic trainer and veterinarian. These students will also be exposed to health care classes at the high school and begin planning for their future. If interested, students may also enroll in summer camps provided through UAMS throughout their high school career.

Cost

The _____ School District will contract with UAMS to offer HIS: Healthcare Ignites Success at a cost of \$3,000 per day for up to 60 students. All cost for the program is included and the school will be responsible for transporting students to and from the hospital. There will be approximately 10 adults supervising students and the district may include teachers and career coach to assist. This project is sponsored by UAMS East, UAMS Northeast and Arkansas Department of Career Education.