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Demystifying STEM Education in Rural Northwest Florida with Nuclear Science

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Statistics show that success in STEM majors in college is highly correlated with taking courses in high school such as chemistry, physics, and calculus. In rural schools, access to high quality rigorous math and science courses is not common. Students need access to high quality STEM education at the secondary level increase the successful completion of STEM degrees. To address this need in rural schools, creating STEM pathway programs is the beginning to solving the problem. At Deane Bozeman School, we have launched a Nuclear Medicine and Science Academy to provide the framework for preparing students for STEM majors. Nuclear science is a medium that can be utilized to address the STEM education challenges faced by rural schools.