



Title: Branching into STEM Careers

2. We have chosen the PD option. This option best aligns with our cohort initiative. Data was collected from our students, and we discovered a deficit in the area of STEM career knowledge. As a result, we have been working toward spreading STEM career knowledge throughout our school.

3. This is a school wide project. Our audience is all students at West Hardin Middle School. There are approximately 550 students in the school. We will be working directly with about 400 of those students. The additional students will have access to our STEM career project via their teachers. All teachers are included in this STEM career integration project. We want to ensure that even if we are not directly working with all of the students that the other teachers do have the resources to integrate STEM careers into their teaching.

4. This project will demonstrate integration of STEM in WHMS classrooms by providing students with STEM career lessons, demonstrations and prospective pathways. In the math classroom, students consistently ask questions about how they will use what they are learning in the real world. The STEM career connections to the classroom allow students to see how the content that is being taught is relevant to their life.

5. We hope to see an increased use of career based learning and lessons. We want to provide teachers with easy access to STEM lesson plans, as well as direct links to STEM pathways for 8th grade teachers who are preparing students for high school career pathways. We also hope to help students see the relevance of the content that we are teaching so it becomes engaging and more beneficial to them.

6. We will follow up with teachers by performing PLC "check ins" during ELA, Math, and Science PDS. Grade level check ins will also occur in the 8th grade PLC where the STEM pathways are most frequently taught and emphasized. Data will be collected via Google Forms.