WREN HIGH SCHOOL STEM Action Plan

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1. Big Idea
   • Stress the importance of problem solving instead of just arriving at the right answer. Students will be expected to use the engineering design process.

2. Goals and Timeline
   • By December each member of the pilot team will have completed one project-based initiative using the engineering design process.
   • In the spring, pilot members will present results at a faculty in-service.
   • Interested faculty members will be selected to attend the next STEM workshop.

3. Assessments
   • Assessments will be varied by teacher/subject.

4. Resources
   • STEM Resources and websites
   • HSTW funding (High Schools That Work)

5. Learning Experiences
   • The engineering design process will be broken down into the six steps and implements individually in weekly or biweekly lessons.

6. Example
   • Give students a set of data to analyze and draw conclusions using the data as support.