1. P.A.W.S.  P-Problem, A-Analyze/Brainstorm, W- Work it Out, S-Share Solution

2. Action Plan 101


   • Goals & Objectives – Students will learn to use the P.A.W.S. method to implement STEM into the SMS curriculum. Students will improve critical thinking skills in all content areas. Students will learn to work cooperatively, independently, and analytically to identify & solve real world challenges.

   • Timeline – 1st Semester – Training of students and faculty, first mini project, and STEM resource collection. 2nd Semester – Continued implementation of P.A.W.S., final project preparation and completion.

   • Assessments – Student Journaling, Judging final projects, Student project reflection

   • Resources – STEM Resources, Business Partners, SDOC, Colleges, Parents/Community, School supplies.

   • Learning Experiences –

     • Overall Goal: To infuse P.A.W.S. Engineering Design Process across all curriculum levels utilizing CAT classes.

     • Specific Goals: Students will learn to master P.A.W. S. during 1st Semester and create a final year-end project reflecting the P.A.W.S. process.

     • Example – Commercials for Charities Drive

       • Students will learn about information technology and promotion through creating commercials to promote charities served by SMS. Each student CAT class will create a 30 second commercial producing and utilizing charity information, script, props, location, and equipment. Commercials will be reviewed and evaluated by peers, faculty, and community partners.