Spartanburg School District 4

Developed by
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1. Big Idea
   Integrate STEM across all grade levels and curriculum.

2. Goals and Objectives
   Introduce the concepts and philosophy of STEM throughout all schools in our district, as well as district office and administrative staff.
   Integrate within the classrooms the concepts and philosophy of STEM.
   Eventually have a STEM class at the elective level that is to be required of students at the primary, elementary and middle school levels as well as offered at the high school level.

3. Learning Experiences
   During an in-service day, prior to the opening of school, show all staff at participating schools the video, “Did you know?” in order to spark interest in getting onboard with STEM and expose them via email to STEM resources.
   Encourage all teachers to pick one project per year to incorporate into their curriculum and involve media in promoting it as well as bringing in guest speakers from industry to expose students to the importance of STEM in the real world.
   Meet with district office and administration to discuss how to implement STEM elective courses.

4. Assessment
   Conduct needs assessment via survey monkey.
   Have teachers document their projects and any visits by guest speakers.
   Results of the meeting with district office and administration.

5. Timeline
   Beginning of the year
   Throughout the school year
   After state testing

6. Resources
   CD’s, websites, contact persons, Upstate Regional Education Center
   Partnerships with industry and local colleges and universities
   Media-newspaper