Union County Schools

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1. Big Idea
Integrate STEM curriculum throughout the district, starting in our elementary schools.

2. Goals and Objectives
   Establish an Advisory Board to meet within first 9 weeks of school.
   Educate administrators and curriculum coaches on STEM terminology. First meeting is to
   educate administrators on what STEM is and how we can benefit in Union County.
   Advisory Board members will visit schools with effective STEM program to observe how to
   implement in our own schools.
   During In-service days, advisory board members will meet with Math and Science departments
   within the building to show what is available (curriculum, projects, etc…). Education on STEM
   and where we are headed.
   Community Involvement. Invite community leaders to discuss how STEM education will
   benefit Union County and our students. This will take place at our second Advisory Board
   meeting (projected January 2012).
   Math and Science Night (District wide in year 1, Spring). This will include community
   involvement, and schools showcasing Science and Math activities.
   Year 2 will move to Math and Science nights at each school.
   Establish Technology Clubs within the schools.
   Create plan for implementation phase 2 for 2012-2013.

3. Learning Experiences
   For the implementation year, STEM curriculum will be introduced to teachers by school
   representatives. Activities will be featured at the District Math and Science Night. (STEM
   NIGHT)
   POST activities on the school and district websites. Call in the media to feature big projects. This
   will give us the opportunity to educate the community on STEM.
   Teachers will be given opportunity to observe teachers utilizing STEM activities in the
   classroom.

4. Assessment
   Did all components happen within allotted time?

5. Timeline
   August 1, Talley will introduce plan to District office administration.
   Set a meeting for school administrators and Advisory Board within the first 9 weeks.
   In-service: School Advisory Board participants will introduce STEM and our goals with Math
   and Science teachers within each school.
   Teachers will be a given STEM curriculum and resources to become familiar with and start
   thinking of a plan to implement in their classes.
Administrators and teachers will be asked to inform Advisory Board when STEM activities are taking place in their classes. We can publicize and use for in-service. These projects will be featured at our first STEM NIGHT.

Spring Semester 2012, schools will create STEM clubs within their building for the 2012-2013 school year.

A plan for year two will be developed during the last Advisory meeting in May 2012.