



# SCHOOL BOARD MEETING REPORT

Board Meeting Date: 7/15/2013

Agenda #                     

Staff/Administrator: D. Misner

Superintendent: Patricia Adams

Type of Item:       Informational       Action

**Please state your proposal briefly and clearly. What do you want the board to know, discuss, or decide?**

North Valley and Hidden Valley have applied for a Project Lead The Way grant to train teachers in a new STEM class called Introduction to the Principles of Engineering. The class is a one semester class that combine math and physics in a hands on setting. The teacher training started at OIT on July 7 and will conclude July 19. Blair Starkey from North Valley is attending the training on his own time. The grant provides for the cost of his training and some start up materials.

**Provide history/background information on your proposal.**

Science opportunities for students who wish to go into engineering or construction management have been scarce in the district. Formerly we had a class called Principles of Technology for advanced students but that teacher retired several years ago and the class is no longer funded by Perkins dollars. This class will attract many students who need the strong base of applied math and projects that make them use their hands and build things. This class has the capacity to strengthen our math and science teaching and learning and will become a new way for students to show their understanding of complex math and physics

**List the advantages of your proposal:**

- The teacher will be trained at no expense to the district.
- Some start up materials and projects lesson plans will be made available to the teacher.
- The OIT faculty training teachers are in the engineering field.
- The lessons will be very attractive to many students.
- Many proficiencies in math and science are taught in a hands on manner.
- The projects in the class teach problem solving skills.

**List possible disadvantages of your proposal:**

None that I can think of.

**List possible alternatives that could also offer a solution to your proposal. Why were they not recommended?**

None, or continue with the current science offerings we have.

Superintendent's recommendation(s):

Approve: Yes  No