








STEM Mentoring Program

ENLIST 2.0 Engineering New Leadership in STEM Teaching Goals:

-  Professional STEM collaboration between industry and educators
-  Increase teacher efficacy in STEM content
-  Build 21st Century skills from strategic workforce placement
-  Explore real world problem based learning and curriculum aligned with AZCCR standards
-  Investigate problem based instruction with integrated STEM content
-  Escalation of student interest and rigor in STEM areas
-  Connect industry to local educators

Goal of the Arizona STEM Network:

“To achieve its vision of an Arizona recognized globally for a qualified workforce that drives the economy, the Network is focused on 1) creating meaningful business engagement opportunities in education; 2) strengthening teacher effectiveness in STEM; 3) integrating STEM into schools and districts; 4) changing the culture and community fabric to embrace STEM; and 5) measuring outcomes.”

Retrieved from: <http://stem.sfaz.org/>

How Industry Can Help!

- Recruit industry volunteers in STEM fields to mentor a classroom teacher (grades 4 – 8)
- Offer on-site tour of facility to classroom teacher(s)
- Collaborate with teacher a minimum of twice a month for mentoring
- Share real world problem-based ideas

Why?

- Underutilized sharing of experienced work force skills with community
- Teachers and their students would increase STEM proficiency
- Educators need the professional resources to improve their STEM development
- Service to the community by industry partners
- Possible return of future STEM workers to the community