

STEM Works!

Educator tours with local companies helps bring STEM inspiration to the classroom

Help us develop the future workforce for your company

Have you noticed how much easier it is to describe a technical process or scientific concept once you have seen it in action?

STEM Works! brings that experiential learning opportunity to our local educators.

How do we Make it Happen?

Companies offer to host a STEM Works! Tour

STEM Works! coordinator works with local Board of Education to arrange for participating educators

STEM Works! coordinator works with company and Education Board to set date, time, and location

Teaching STEM concepts in the classroom can be enhanced with examples of technologies used in business and industrial settings. The lessons can be improved even more if examples are from local facilities and not just pictures from a distant state or region.

We are seeking opportunities for teachers to observe STEM concepts at work in a way they can apply to their lesson plans. This experience helps the concept come alive in the classroom and develops a strong STEM culture in Middle Georgia.

Recipe for Success

1. Duration: Two hours should be sufficient to see the technology in use.
2. Group Size: A group of 12 will be a good balance between keeping the tour efficient but not so large that some members get lost in the back row.
3. Selection: Suggested priority is for teachers, curriculum developers, and counselors who work with 5th and 8th grade students. These grade levels will be
4. Activities: We are looking for examples that show technology in use at your company. A company engineer or technicians describing how they use math and science in their job also relates how their studies in STEM helped them succeed.



Touring the Caterpillar plant near Athens (link)



Visiting the Savannah River Ecology Lab (link)



Educators touring a solar farm (link)



Think Different.

Please email lee.olyniec@us.af.mil if your company is interested in the STEM Works! program to help develop your workforce of the future.