

Dear Business Community Member,

We are in the process of revamping our Trumbull Business Education Initiative (BEI) program, Engineers & Scientists in the Classroom. Our continued focus will center on the following objective:

Utilize community members with expertise in the areas of engineering and science to provide students with further opportunities to apply their classroom learning to real-world situations.

To allow program volunteers to identify where their expertise will best impact students in the classroom, we have published our curriculum guides/maps for the following courses: Physics, Chemistry, Biology, Pre-Calculus, Calculus and Statistics. These are available at <http://www.trumbullps.org> under the curriculum tab. The curriculum guides and maps serve as written road maps for what we want students to learn in class and are organized by topics that are spread throughout the course. In addition, we have posted a sample of a performance-based task. This is a task that requires students to use content knowledge, problem-solving skills, and work habits to produce a solution, product and/or a performance. It can be a culminating activity or a way of assessing student understanding within an instructional unit.

If you are interested in participating in the program we ask that you choose a curriculum guide/map from your area of interest, review the document, and ask yourself the following question:

Where in the curriculum guide/map can I help the classroom teacher create an engaging real world application of the current content for students?

For example, if students were working on the question of how lens systems are used to create images of various size, a real world application of the concept may involve analyzing current telescope and projector design, and then creating a model that fits specific criteria.

If you are interested in the process detailed above, please contact Gary Kunschag, TPS K-12 Director of Curriculum, and we will arrange a time for you to meet with a THS Department Chairperson to share your ideas.

It is our hope these tasks hold the potential to become assured experiences within the curriculum, combining the expertise of our staff and community members.

If you have any questions, please contact me directly at (203) 452-4340 or kunschag@trumbullps.org.

Sincerely,

Gary Kunschag

Gary Kunschag
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