

Chemistry Teachers Workshop Series at Evergreen High School 2008-2009
Teachers of all levels are invited!!

The Physics Education Technology Group, PhET, at CU Boulder has developed a free website to help with science teaching. This award-winning site has over sixty interactive simulations that provide opportunities for student explorations and virtual labs. Many of these are helpful with topics in chemistry. I would like to develop a community of area chemistry teachers who use an inquiry approach to teaching (or want to learn about and implement an inquiry approach in their classroom) and want to use the simulations. We will discuss recent research in science education and how we can enrich our curriculum with interactive simulations. We will meet four times during the school year. Each teacher will develop lessons to use in their classes and then share their experiences at the meetings. There will be credit available through Colorado School of Mines for \$45 if you attend all 16 hours. We will provide meals too! Our first meeting will be on Tuesday, August 5, 8:30-2:30. There will be three other meetings from 4:30-7:00 on 9/9, 10/7 and 11/4. Contact Trish Loeblein for questions or to sign up, ploeblei@jeffco.k12.co.us

The PhET site: phet.colorado.edu



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A screenshot of a PhET simulation interface. The main window shows a roller coaster track with a car. On the right, there are various control panels for "Choose Simulation", "Measuring Tools", "Potential Energy Influence", "Show Grid Path", "Show Path", "Energy Graphs", "Location", "Show Background", "Gravity", "Scale", "Units", and "Show Help".

Interactive Physics Simulations

Fun, interactive, [research-based](#) simulations of physical phenomena from the Physics Education Technology project at the University of Colorado.

[Play with sims... >](#)

Other languages... [The William and Flora Hewlett Foundation](#) [The National Science Foundation](#)

Run our Simulations	Teacher Ideas & Activities	Contribute	Browse Sims
<ul style="list-style-type: none">On LineFull InstallationOne at a Time	<ul style="list-style-type: none">Search for lesson plans and activities that were created by teachers to use with the PhET simulations	<ul style="list-style-type: none">Provide ideas you've used in classSupport PhETTranslate Simulations	<p>Simulations >></p>

[About PhET](#)