



PhET Interactive Simulations

For High School Chemistry
University of Colorado, Boulder

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Workshop Goals:

Part 1: Intro to PhET (10-11 am)

1. Become familiar with PhET
2. Explore the simulations



Part 2 Inquiry-Based Activities with PhET Sims (11-12 pm)

1. Plan sim use ideas for your class
2. Start designing a lesson

1. Handouts for workshop

- Example of Uses in High School Chemistry (gold)
- Planning to Use PhET Sims (yellow)
- Writing Learning Goals (yellow)
- Creating PhET Activities using Guided Inquiry Strategies (green)
- Activity Design for PhET Simulations (blue)
- Example Lesson Plan: Sugar and Salts (white)
- Ideas for Activities from PhET Teaching Ideas (white)
- PhET Chemistry Miniposter

2. PhET Resources online

- Look for “Gold Stars” by following the “For Teachers” links or <http://phet.colorado.edu/en/for-teachers/browse-activities>
- Remember that you can adapt any lessons for your classroom from this free, open forum
- Stay in touch with PhET <http://phet.colorado.edu/en/about/news>
[Join us on](#)  | [Follow us on](#)  | [Read our blog](#) | [Subscribe to our newsletter](#)

3. The PhET Installer

- Installs the PhET Website locally on your computer so you can run simulations offline.
- NOTE: Installer is updated weekly on Wednesdays. You can download the latest installer from the website http://phet.colorado.edu/get_phet/index.php You can also download individual simulations.

4. Interested in research about PhET and effective use?

For more articles: <http://phet.colorado.edu/research/index.php>