

Access ChemSense information at www.ChemSense.org

Read about the creation of this software and its capabilities.

Go to the “On the Computer” heading.

Click learn more.

Click ChemSense Software.

View the video of the ChemSense Animator (this will help with your assignment).

Return to the Home page.

Go to the “In the Classroom” heading and click on learn more.

Go to “examples of student and teacher work”.

View Texas A&M:

1. Formation of CO₂ and NO.
2. Reaction Energy.
3. Formation of Ni(OH)₂

View Antioch HS:

1. Hybridization Group 2.

View University of Michigan:

1. Rate of solvolysis in water of 2-iodo-2-methylpropane.
2. Formation of Scopadulcic Acid.

Exit this website.

Find the ChemSense icon on the desktop to work on your actual lab assignment. You might need to download the program from the www.ChemSense.org site (If you are working at home, download the free software from the site)

Using the ChemSense animator software:

1. Make a movie to show the mechanism of the nitration reaction of bromobenzene and the bromination reaction of nitrobenzene.

- 2. Lots of frames are needed for a good movie.**
- 3. Show arrow movement and resonance structures of all possible products (ortho, meta, para).**
- 4. Show the electronic effect of the substituent on the orientation of the product.**
- 5. Save the movie in quicktime format. Otherwise it cannot be viewed.**
- 6. Submit your quicktime movie by email to medinaj@smccd.edu by Tuesday February 4th.**