

COMPILATION: Mercury app replacement option for units 2, 3, and 6

Nov. 5, 2018

From: Julia Slucas, a long-time modeler in rural Arizona

Our school has gone primarily to Chromebooks. Now students are unable to use the Mercury program to view the cifs. Does anyone have a substitute?

Nov. 6, 2018

From: Brenda Royce, co-developer of chemistry Modeling Workshop

While at BCCE this summer, Larry Dukerich and I investigated the use of Atomsmith

<http://atomsmith.co>

that offers the ability to show crystal lattices of a variety of substances, among other powerful simulations and information. It is not free, but the fee is quite reasonable - \$10/yr/teacher. We spoke with the owner while at BCCE and he has made some accommodations in his programming to allow us to better use Atomsmith in place of the Mercury program. You can get a free trial for 30 days to try it out, or buy it using the link above.

I've made some notes on using this for Unit 6 (and Units 2-3), not implemented yet, that I'd be happy to share off-list.

Nov. 8, 2018

From: Melanie Bunda, in Massachusetts

I've found that the online platform molview.org is a good replacement for Hg (and it's free). I've curated the specific structures I want my students to look at in this HyperDoc that my students get digital access to - anyone is welcome to copy/adapt and use.

<https://docs.google.com/document/d/1gflHag153hJmpaWm-oPi54DSXYB7uKIwJNGW1R75SzI/edit>