

Dear Modelers,

Especially for new modelers, I wanted to let you know about a variety of Modeling resources for physics that I have posted at <http://www.modelingphysics.org/>

Beginning from the version of the modeling materials used in the workshops in the late 90's, I have done a lot of tweaking of the materials to better fit my students in my teaching environment-- an algebra-trig based physics course for juniors. The edits have refined the questions, emphasized the storyline, added graphics, emphasized multiple representations, given students sufficient room to write out solutions, and incorporated ideas from the modeling listserv and the St. Louis physics teaching community.

At the site you'll find materials for mechanics, light, and electricity and magnetism. Each unit has a calendar of the unit flow with links to worksheets, readings, teacher's notes, practice problems, related simulations, and key ideas sheets. Although I had originally posted all of the materials in html format for faster downloading, I have now reposted most of the materials as pdfs to better preserve formatting. Eventually I'll post the word format under the teacher notes sections for those who would like to make their own edits.

Just as the materials were freely shared with me, they are posted for you to use -- except for quizzes and tests, for reasons of keeping secure evaluation instruments.

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