Physics 1: Powerpoint and CAPS

View Your CAPS report

We’ll go to rooms 213 and 214 for this activity. Log in to your S&T account, visit Joe’s SS (https://joess.mst.edu/psp/prd/?cmd=login), and view your CAPS report. This report details your progress towards graduation. Our two veteran students will help you navigate to the report. You’ll need to access this report before advising for Spring classes, which starts soon.

After you view your CAPS report, work on an animation in Powerpoint.

Graphics and Animations in Powerpoint

You will almost certainly use Powerpoint as a presentation tool at some time in your career. I expect that you have been introduced to Powerpoint previously. Today I ask that you prepare a graphic and an animation for me.

The graphic should be an object of your choice (cart, block, ball) being pulled up or traveling (rolling, sliding) down an inclined plane.

Please animate your graphic, so that when you “play” your presentation, the object rolls/slides/whatevers.

After you load Powerpoint, make sure the “Home” tab is selected so that the graphics toolbar is enabled. (In earlier versions of Powerpoint, click on “View/Toolbars” and check the drawing box if it is not checked.)

Slide Show/Custom Animation will bring up the animation dialog box. Select an object and choose your animation. In Powerpoint 2007, click the “Animation” tab, select an object, and click “Add Effect.”

I can think of two ways to make an object “slide” down an inclined plane. You can use the “motion paths” effect, or you can make images of the object successively appear and disappear. If you want to do something fancy, like show a striped ball rolling, I think you will need to make successive images appear and disappear.

If you discover another way to do animations, please share it with me.

E-mail me your Powerpoint file at the end of class.