

COMPILATION: graphs for worksheets & tests

Date: Mon, 3 Dec 2001
From: "Park, Nicholas" <ParkN@CFBISD.EDU>
Subject: Graphics

I'm looking for a source of "standard physics graphics" -- force diagrams for common situations, x-t, v-t, and a-t graphs for uniform and uniformly accelerated motion, motion maps for the same, etc. I've done lots of cropping to pilfer these from the modeling worksheets, but this doesn't cover all bases. I've tried to draw them myself, but I've found that any graphics which I draw myself in Microsoft Word inevitably do something to the file that makes my computer crash if I have more than one or two in the file -- making final exams a big problem.

In the past I've resorted to leaving blank spaces and drawing in all the graphics by hand, but I'd like to avoid this. I've been told that these graphics are easy to make on a Macintosh, so I was wondering if any of you Mac users have a stockpile of them -- and if so, if you'd be willing to post them to a web site or something?

Come to think of it, it would be really nice to find a source that actually reproduces the correct shape -- i.e. with parabolas that look parabolic rather than circular -- which Word cannot do -- but then, you can't ask for everything, right?

Date: Mon, 3 Dec 2001
From: Jon & Sara Fishwild <fishj@INXPRESS.NET>
Subject: graphs in documents

I use a neat little macro for Word called Handy Graph. It allows you to create axes and grids and label the axes pretty easily (you can also create number lines for motion maps). You can then add whatever curves you want. I don't have the information with me, but a search of this item on the internet should get you to the site.

Date: Mon, 3 Dec 2001
From: Sherry Brown <browns@ESKIMO.COM>
Subject: Re: Graphics

I have several files of "modeling graphics," in varying degrees of usefulness. I have many electricity diagrams (extricated from other PER curricula) with batteries/bulbs/capacitors -- for CASTLE type problem sets. I've created some stuff for waves/sound (simple speakers). I have scanned in several MOP graphics from Mechanics and Fundamental Forces. I don't have a lot of force diagrams -- yet another task for my trusty TAs this week.

I have graphics with x vs t and v vs t axes -- many have no data plotted as I use them as templates when needed. Of course, I have a file or two of Uniformly Spherical Bovines.

I don't have a webpage (there are only so many hours in a day) but I can e-mail them in a zip file if necessary. Some are in AppleWorks format -- pict/draw -- which I paste into the word processing document. FYI, one of the reasons I dumped M\$Word was the bloated drawing function. I found it non-intuitive as a longtime MacUser (1985). I miss Word 5.1a which had a simpler drawing function.

I'm more than happy to e-mail them as .zip files -- w/o any warranty. Most of my stuff is put directly into the word processor -- I don't save every iteration so it may not be as useful to you. If you can open them -- fine. If not... I don't have the time for trouble shooting especially as the marking period closes next week.

Date: Tue, 4 Dec 2001
From: "Kilmer, Skip" <kilmers@GREENHILL.ORG>
Subject: Re: Graphics

When I want to put a reasonably accurate graph into Word, I insert an Excel chart. My preference is Clarisworks on the Mac, but our school network no longer supports Mac's.

Date: Wed, 5 Dec 2001
From: Bob Baker <bob.baker@WORLDNET.ATT.NET>
Subject: Graphs for Exams and Worksheets

I use Graphical Analysis to create the graph and then copy the graph and paste it into Microsoft Word from Office 97. This works great.

Date: Thu, 6 Dec 2001
From: DK <chagrined@EV1.NET>
Subject: Graphs for Worksheets and Exams:

At www.marquis-soft.com you can find a program that allows you to design and print graph paper. It may not be what you want, but could be used with a scanner to scan in fairly accurate graphs of all types. There is a charge for the shareware, but it is not too expensive.

You can also do graphs in either Graphical Analysis or Excel, then copy and paste them into Word.

Date: Thu, 13 Dec 2001
From: Andy Edington <aedington@MTSD.K12.WI.US>
Subject: Microsoft Word and Graphics

I have found that turning off fast saves will help with most problems with Word not allowing the use of more than a few graphics in a single document. Go to options in the tools menu. Choose the save tab and unselect allow fast saves. If you want more info about why that causes the problem, email me directly. Also, Microsoft has a Word drawing tools addition pack available on its website for some versions of Word.
