



### **Pi Day Project (PDP)**

due: Pi day eve: March 13, 2009 The 303rd anniversary of the first use of the symbol  $\pi$  for the circumference/diameter ratio.

However, March 14 is a SATURDAY. So, to kick off your planned celebrations, we will have a pre-Pi Day (or Pi Day Eve) or triskaidekaphilia celebration on March 13.... Yep! FRIDAY the 13TH. So get PRIMED for Pi Day Eve! Free Dress with any math related garment. (No, that's NOT a t-shirt with Pi scrawled on it in magic marker!) Pi Day projects will be due that day! Here are some ideas:

Do something different about pi. You can do papers, posters, videos, songs, powerpoint, essays... if you wish, drop me an email to be sure it's okay.

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- history
- ways to derive pi
- "Pi" the movie
- pi beads
- something you found on the web
- pi songs
- Pi artwork
- pi story
- pi poetry
- pi mnemonic devices
- finding digits in pi
- Pi and the Bible
- Archimedes and Pi
- The Indiana State Legislature and Pi
- The number 13 ....

Also: Other Math topics that are appropriate:

- Einstein (It's his birthday!)
- Waclaw Sierpinski (It's his birthday, too!)
- Chaos: The Butterfly effect (No, NOT the movie!)

Some links:

- <http://www.pidayinternational.org>
- <http://www.execpc.com/~shepler/piday.html>
- [http://www.exploratorium.edu/learning\\_studio/pi/](http://www.exploratorium.edu/learning_studio/pi/)
- <http://www.winternet.com/~mchristi/piday.html>
- [http://www-groups.dcs.st-and.ac.uk:80/~history/HistTopics/Pi\\_through\\_the\\_ages.html](http://www-groups.dcs.st-and.ac.uk:80/~history/HistTopics/Pi_through_the_ages.html)
- <http://witcombe.sbc.edu/earthmysteries/EMPi.html>
- pi search: <http://www.angio.net/pi/piquery>