

## Plan our March 14 "Pi" Day Party

I decided to share a fun alternative activity for my 8<sup>th</sup> graders Math classes. We will be planning our March 14 "Pi" Day Party. There will be three stages or checkpoints to make sure March 14<sup>th</sup> is a fun day! Students will plan the party by conducting research about related Music, Food, Game, Story telling about the origins of Pi, finding Pi value Demonstration and Advertising in School newsletter. The first activity is the day that the project is presented, in which students will learn about the best ways to search online, using the "site:" tool for bibliography and pictures and they will distribute party responsibilities. Second activity, students will share with the class the websites or sources they found and what they are planning for that day. Last activity will be the party, enjoying the work of each student while learning.

### Partners' responsibilities:

Music

Food

Game

Story telling

Demonstration

Advertising in School newsletter

### Recommended sources:

[π Day 2014](#) - Scott Steketee

In his Sines of the Times blog post, Steketee shares a few of his favorite circle dissections, including Jaws of Pi, Coiled Pi, Mountains of Pi, and Pi Explosion.

[123 Greetings](#)

Send a Pi Day greeting card [...more>>](#)

[Activities & Information Supporting Pi Day Celebration](#) - Carolyn M. Morehouse

A lesson plan for Pi Day activities, Pi Songs, and a Pi Trivia Quiz are among the resources Carolyn has provided.

[American Pi \(song\)](#)

Lyrics are by Lawrence Mark Lesser and he suggests singing it to the tune of Don McLean's "American Pie."

[Derivation of Pi](#) - Jon Basden

Students use real-world objects to understand the concept of a constant such as pi.

[Determination of Pi](#) - Alexander Bogomolny

This lesson presents an interesting alternative to the customary game plan for the determination of pi. Bogomolny's lesson presents pi in the framework of similarity, which makes the existence of pi self-evident. Approximation of pi does not require several objects. Pi can be approximated by taking measurements of a single circular object with different tools and different techniques.

[The Digit Connection - Lizzie](#)

A tribute to the number Pi through music, poetry, and fiction. (Meet Sailor Pi!) Also includes a brief history of Pi with some ways to calculate it, a quote collection, and ways to celebrate the number - even if it's not Pi [...more>>](#)

[Fun Pi Facts & Pi Day Activities - The Exploratorium, San Francisco, CA](#)

Pi Day celebrations, Pi music, links, beads, and pie. A certified 98% content-free page. [...more>>](#)

[Math Library: Arithmetic/Early: Number Sense/About Numbers: Pi](#)

Pi resources that have been collected, organized, cataloged and annotated from diverse sources.

[Pi Day: Making a Pi Necklace - Diana Funke](#)

Diana Funke teaches mathematics at Davisville Middle School in North Kingstown, RI. Her students make a Pi necklace for Pi Day to reinforce the idea that some numbers never repeat or end. They assign a color to each digit (including 0) and then [...more>>](#)

[The Pi Search Page - Dave Andersen](#)

Search the first 50 million digits of pi for any numeric string up to 120 digits. The page also documents a few observations about pi's numeric strings, including self-locating strings, palindromes, and month-day combinations. [...more>>](#)

[Pi Through the Ages - MacTutor Math History Archives](#)

A history of Pi: the Rhind papyrus (Egypt), Ptolemy, Tsu Ch'ung Chi, al'Khwarizmi, Al'Kashi, Viet, Romanus, Van Ceulen, Gregory, Shanks, Lambert, Euler, Buffon, and many more, with other Web sites and 30 references (books/articles). [...more>>](#)

[The Story of Pi](#)

Video segments available for viewing on the Web or the videotape and workbook is available at cost from [Project MATHEMATICS!](#)