How America celebrates Pi Day

By Elizabeth Landau, CNN - Updated 1803 GMT (0203 HKT) March 14, 2014

The Exploratorium in San Francisco holds an annual Pi Procession of pi's digits.

Let's watch "how america celebrate Pi-Day"
video on the link http://edition.cnn.com/2014/03/14/tech/innovation/pi-day-math-celebrations/

1) How is π pronounced ?
2) What can we cook to celebrate π ? Why ?
3) Have you ever seen this celebration in France, in an other country ?
4) Do you think that mathematicians are still fascinated by π ?

"March 14 is my favorite day to be a nerd.
Across the country, math geeks in museums, schools, private groups and elsewhere gather to celebrate the number pi, approximately 3.14. That's why March 14 -- 3-14 -- is Pi Day. What's more, Albert Einstein was born on this day.

A quick refresher: Pi is defined as the distance around a perfect circle, or the circumference, divided by the distance across it, or the diameter. It is also involved in calculating the area of a circle, the volume of a sphere, and many other mathematical formulas you might need in the sciences.

Throughout history, people have been captivated by this number because there is no way to calculate it exactly by a simple division on your calculator. What's more, its digits go on infinitely, without any pattern in the numbers. 3.1415926535897932 ... etc

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Conveniently, "pi" sounds like "pie," and pies are round. You could celebrate Pi Day in a casual way by grabbing a slice of pastry, or pizza. If you're in enrolled in school, your math class or math department might be doing something special already.
But if you happen to live in a particularly pi-happy place, you might be able to take part in some larger-scale, pi-inspired activities. "

1) What day is Pi-day ?
2) Give two reasons to celebrate pi-day on this day.
3) What is the Pi definition ?
4) Why does Pi fascinate ?
5) What kind of number is Pi ?
6) Find an approximation with 3 decimals