π π DAY ACTIVITIES π π

Adapted from: https://www.hmhco.com/blog/pi-day-activities-for-high-school-students

Creating Songs About Pi

Working in groups, select a well-known song and rewrite the lyrics to focus on Pi – what it is, why it matters, how it's used, and so on. If you are feeling inspired, consider writing or singing about Pi's uses in trigonometry, probability, physics or calculus. Work together and get the creative juices flowing!

Are you ready to present (and yes, sing) the final song to your classmates?

Write Pi-kus

Instead of haikus, you are going to create *Pi*-kus, where the arrangement of syllables is 3-1-4 instead of 5-7-5. While he didn't think up this activity himself, maths teacher, Steven Francis, did this activity with his learners on Pi Day a few years ago. Some responses included:

Calculus
is
my favourite

Maths is fun
well
at least to me

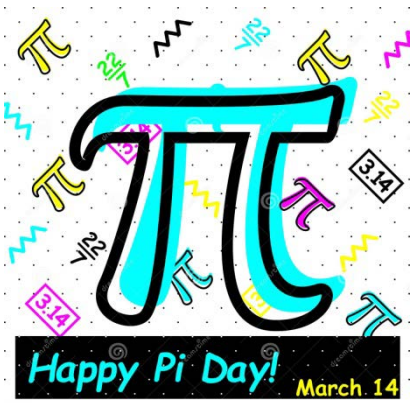
Now write a Pi-ku with a theme of your own!

Be lead by 3.141592653589

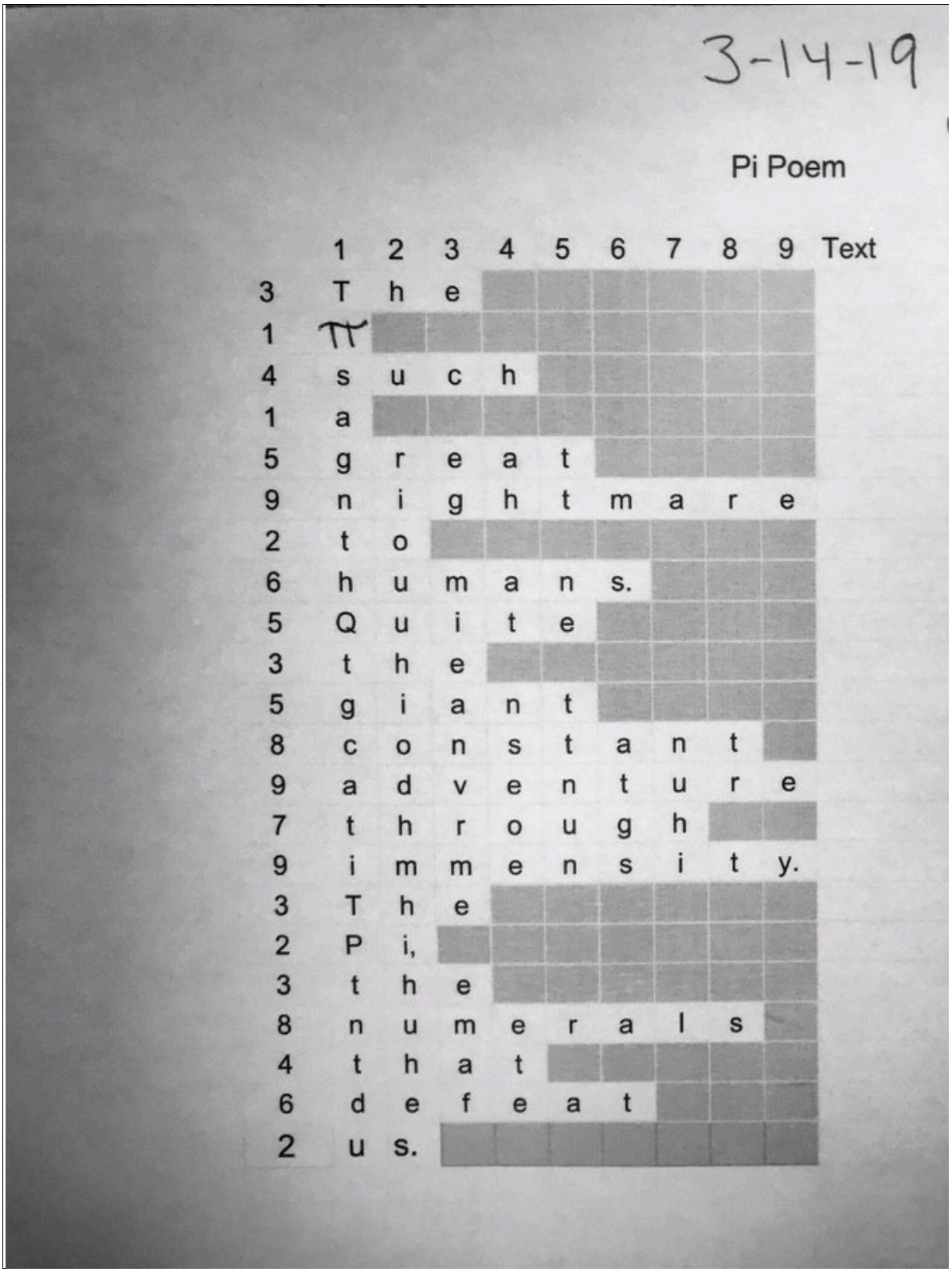
You can write poems with the letter count of each line matching each digit of the equation for Pi: start with a a 3-letter word, then a 1-letter word, followed by a 4-letter word etc.

You can make the poem as long as you like, and if necessary, start at the beginning of the formula again.

> Because Pi is irrational (not equal to the ratio of any two whole numbers), its digits do not repeat, and an approximation such as 3.14 or 22/7 is often used for everyday calculations. To 39 decimal places, Pi is 3.14159265358979323846264338327950288419 7.
> https://www.britannica.com/science/pi-mathematics



This is an example of what can be done:



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