

# The Natural Wonder

January 13, 2017

## Upcoming Dates

**January 16<sup>th</sup>** No School, MLK Day

**January 20<sup>th</sup>** No School, Inauguration Day

**February 3<sup>rd</sup>** No School, Teacher Work Day

**February 8<sup>th</sup>** Early Release

**February 8<sup>th</sup>** Family STEM Night, 6:30-8:00

## Save the Date – Family STEM Night

Please join us for our annual Family STEM Night on Wednesday, February 8th from 6:30-8:00 p.m.!

Some of the highlights of the event include: engineering challenges, a computer programming room ("Coding Zone"), a simulated mission with the space shuttle simulator, demonstrations from the First Lego League team, and more!

## Volunteers Needed

Parents, your help is greatly needed to help make our Family STEM Night a success! We are looking for as many volunteers as possible. If you can help with either set-up, greeting, manning the different STEM challenges/stations, and/or clean-up, please e-mail Ms. Lin at [stephanie.lin@apsva.us](mailto:stephanie.lin@apsva.us). We split up the night into two shifts (6:30-7:15 p.m. and 7:15-8:00 p.m.) so that you have some time to enjoy the STEM night with your child. Thanks so much!

## Try this at Home!

### Morning Meeting Activity: Pico Fermi Bagel

This is a great game for your child to practice his/her understanding of place value. Here is how to play:

The game begins with one person secretly choosing a two digit (or three digit for an extra challenge) number with no repeated digits. Then others attempt to guess the number. The one who chose the number responds to each guess as follows:

- If the guess has no numbers correct, they respond: "Bagel."
- For each digit guessed correctly, but in the wrong place, they respond: "Pico."
- For each digit guessed correctly and in the correct place, they respond: "Fermi."

As an example, if the secret number chosen was 89:

Guess 1: 62 "Bagel, bagel" — no digit is correct.

Guess 2: 38 "Bagel, pico" — the 3 is incorrect, the 8 is correct, but in the wrong place.

Guess 3: 81 "Fermi, bagel" — the 8 is correct, the 1 is incorrect.

Guess 4: 89 "Fermi, fermi" — the 8 and 9 are in the correct place. The number was guessed!

From, Ms. Chai, Ms. Chgrubim, Ms. Goodman, Ms. Pollard, Ms. Rifkind,  
Ms. Spohn, Ms. Symonds, Ms. Wilson, Ms. Worley, Ms. Zukas