



THE COSMOZ

VOLUME 129 ISSUE ??

FRIDAY, March 30, 2018

CEDAR RAPIDS, IOWA

Julia please think of a cute title and put it here

someone paid to pretend
like they know what they are
doing

WORSHIP SLOTHS
WORSHIP SLOTHS



Courtesy of primatography. You're welcome.



Courtesy of Costa Rican Sanctuary.

Julia
please add
details
about
sloths tak-
ing over
the world
here

INDEX

Yeahhhhhh, no.

I believe that you
can do it



What's Happening

THE COSMOS
2017-2018 STAFF

EDITOR-IN-CHIEF
Her Majesty Mariah
Porter

COPY EDITORS
Who needs it im perfect
LAYOUT EDITOR
Julia Passantino the Great

ASST. LAYOUT EDITOR
Chris Arias :D

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Who needs these guys?

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Michael Lachocki

Ariel Crego
Sarah Emerson
Elias Stely
Mohan Xu
Allison Bartnick
Bridget Moore

STAFF WRITERS

SPORTS EDITORS

Delana Humble
Can someone please help
this poor woman shes the
only person who seems
to like sports???

SECTION EDITORS

Rutendo Chidzodzoz

TREASURER

we get out money from
bitcoin

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Jaimee Rindy

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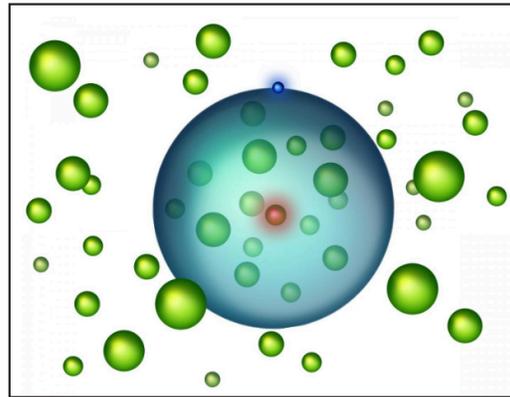
Shawn Harmsen

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Friday, March 30, 2018



Theoretical model of Rydberg Polaron. The blue shell is the electron cloud of the energized atom, the red is the nucleus of said atom, the green shells are other atoms. Photo provided by TU Wien.



Ariel Crego
Columnist

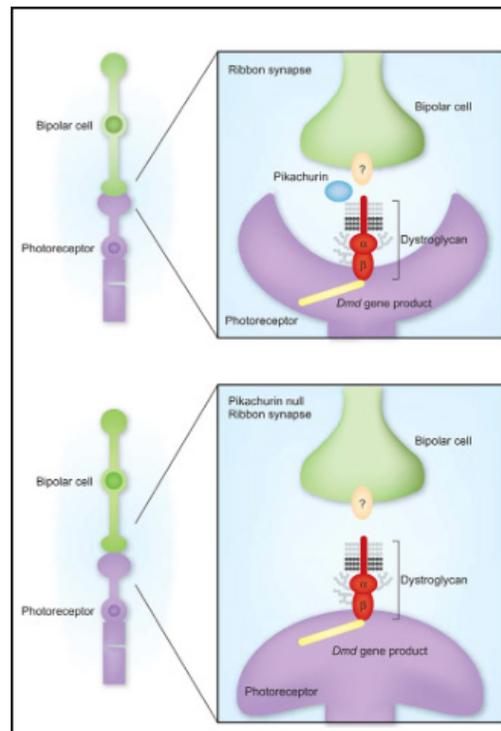
This week, let's take a look at some of the more mind-bending scientific discoveries that have happened recently:

Rydberg Polarons:

Move over atomic model, there's a new atom in town--the Rydberg Polaron. Atoms are composed of one nucleus--made of neutrons and protons--surrounded by a cloud of fast moving electrons. But when things get really cold (we're talking negatives that make liquid nitrogen look toasty in comparison) a single atom can be made to contain whole other atoms within its electron cloud.

This phenomenon occurs when one single atom in a near-absolute-zero state is pumped with energy, forcing the electron cloud to 'expand' and move further away from the nucleus of the atom. Other atoms are attracted by the nucleus of the energetic atom, and begin to move closer to it, slipping in under the electron cloud.

This doesn't break any



Diagrams showcasing Pikachurin interacting in the eye. Photo provided by Kevin Campbell

Friday, March 30, 2018



SO MUCH SCIENCE

high-energy physics yet, but it could prove for a restructuring of the model of the atom for the future.

Read more here: <https://phys.org/news/2018-02-physicists-bizarre-molecules-rydberg-polarons.html>

Ice-VII:

This is not what comes out of the ice dispensers in restaurants. Ice-VII is an unnaturally forming ice crystal that has a unique cubic structure. Naturally forming ice, termed ice-I, has a simple hexagonal structure that forms as the oxygen and hydrogen atoms move further apart from one another into ring-like structures. This is why ice is less dense than water and floats on the surface.

Before, ice-VII was thought only to exist on other planets, as the conditions for the ice crystal to form were not possible on Earth. Ice-VII needs intense pressure to form instead of freezing temperatures, the likes

that are only available hundreds of miles beneath the Earth's crust. However, if water is trapped within carbon clumps in the crust, and manages to make its way down closer to the core where pressure forces carbon to turn to diamond, the water will remain within the newly-formed diamond and take on the cubic structure of ice-VII.

With natural samples from Earth, further studies can be taken on what the environments of icy moons like Europa and Enceladus may look like, and if it's possible to habitate life there.

Read more here: <https://www.extremetech.com/extreme/265377-scientists-find-ultra-rare-ice-vii-earth-first-time-inside-diamonds>

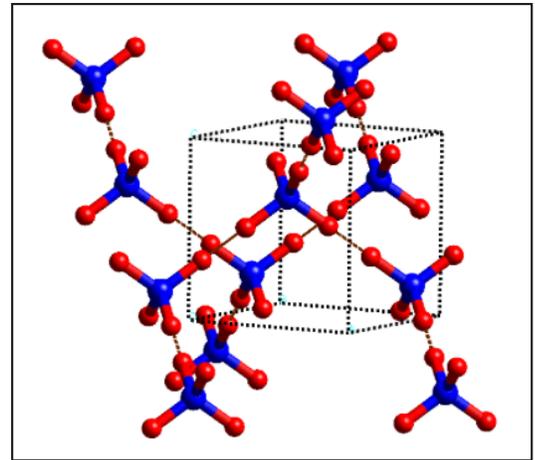
Pikachurin:

This is an electrifying protein that provides vital assistance to how the eyes work--and it just so happens to be named after Pikachu, the mascot of the Pokemon franchise. The protein works inside the eyeball to provide 'quick and nimble' pho-

to-synapses between dendrites on the ends of neurons that connect the eyes to the brain and the photo-receptors of the eyeball.

Absence of the protein is linked to forms of muscle atrophy in the eyes and vision-related disorders that affect the ability to see color and process visual information. Scientists believe the protein can be put to use to treat visual disorders such as retinitis pigmentosa, a genetic disorder that causes loss of vision, primarily at night that worsens as one gets older. Pikachurin is infamous for being the first biological protein to be named after a video game character.

Read more here: <http://www.cloud-clone.com/items/L124.html>



CAPTION: Cubic structure of ice-VII. Note the large branching structure that allows for the material to have such a high density--1.5 times the density of normal ice (ice-I).

Image in public domain

Friday, March 30, 2018

“On This Day in Cosmos”

Everything happened, and you alone missed all of it.



Elias Stiely
Staff Writer

“Egregiously Gratuitous Grammarians Gambits”

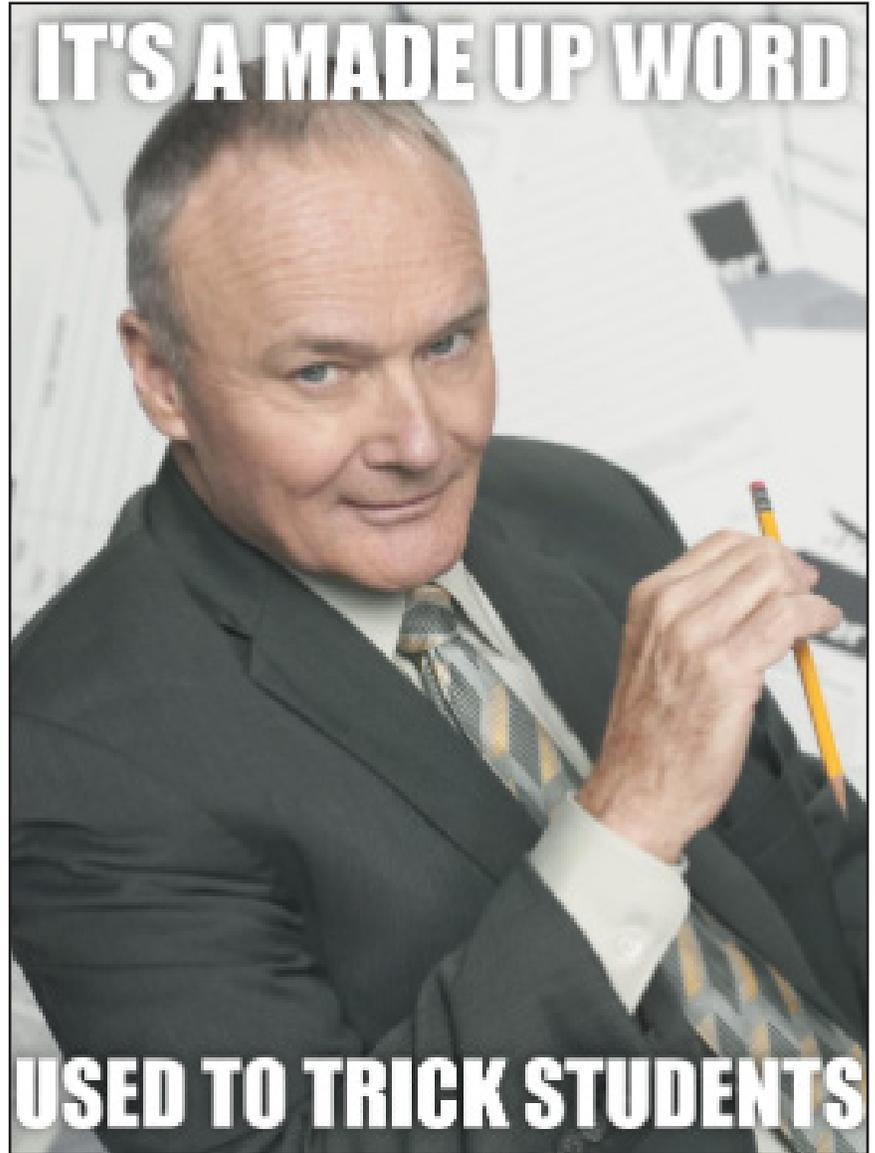
Can't commit too a full stop? Want to outshine the author who uses “full stop” instead of “period” in a more obnoxiously formal way? Want to baffle those who know better and ingress those who don't? Well than start a complete sentence and put a semicolon where the period should be; and sentence fragment after! Don't forget to proofread.

Academia always attains an appealing aroma after alliterative accentuation.

Do you have an important point to make? A really important point?? Like TWO question marks isn't enough? TWO question marks AND word capitalization for emphasis still not enough?? THEN I GUESS WE NEED TO ADD MORE AESTHETICAL TWEAKS SO THE

CONTENT OF WHAT I AM SAYING IS NOT LOST ON THE READER!!

13 point font. Two spaces between sentences. Add an empty line at the top and bottom of each page. Plus page numbers. Can you include graphics? Include them and pretend you don't know how to wrap text. Your seven page paper just became ten pages. You're welcome.

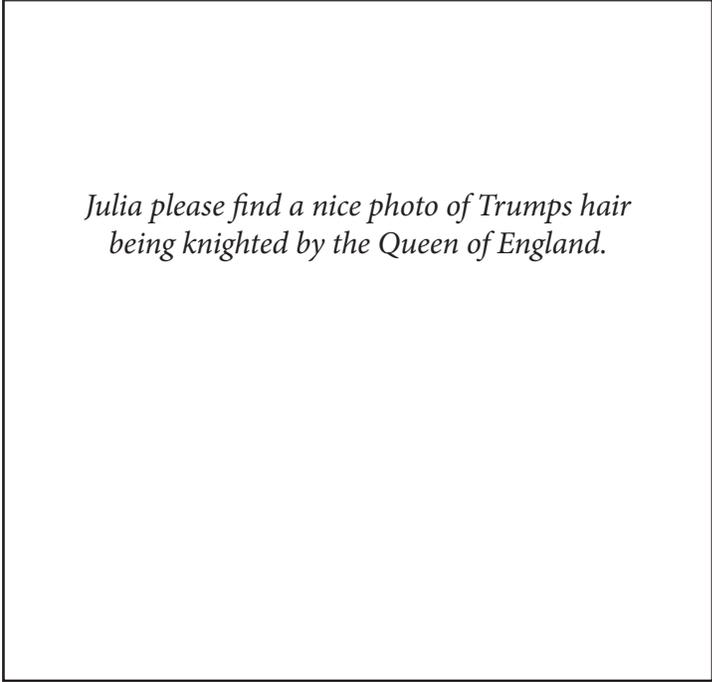


Lastly, are you confused about who and whom? Perhaps this graphic will clear things up:

Friday, March 30, 2018

President Trump Becomes King Trump

add detail here



*Julia please find a nice photo of Trumps hair
being knighted by the Queen of England.*

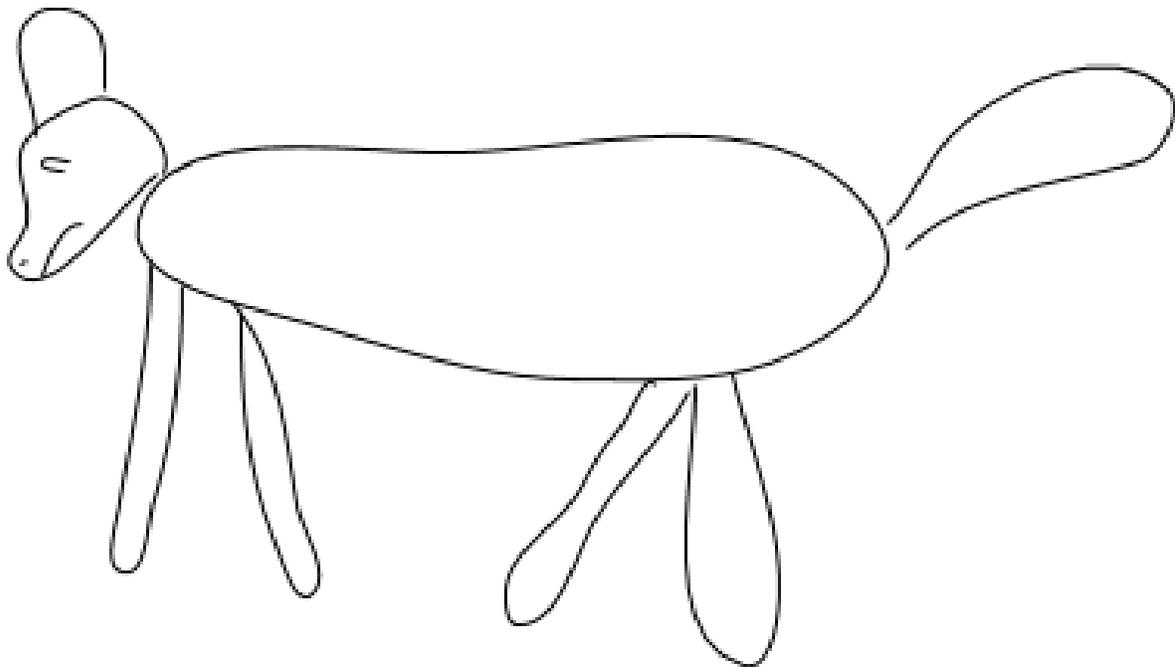
*Caption: excerpt from Trumps speech after being
announced King.*

Friday, March 30, 2018

Market News



- Stocks are uh, you know going up and down and what not.
- I'm betting a company is probably trying to buy another one and the government will shut them down.
- Bitcoin?? Nobody cares about that.
- I found out Berkshire Hathaway owns my gas company, so that's cool I guess?
- Amazon is still taking over the world.
- Shares of Enron don't exist anymore cause they went bust.
- Anyways here's a drawing of a dog...



Friday, March 30, 2018

what's **H**  **T** and what's **n**  **T**

Solo aka the Greatest Film Ever



Peyton McGuire
Columnist

Through a lucrative connection (which involved a blood sacrifice and the forfeiture of the next twenty years of my income), I was able to get my grubby little paws on an early screening of Solo: A Star Wars Story. And, let me tell you ladies and gentlemen...never have I seen such pure art.

I wept tears of joy as the credits rolled, and an unfortunate Wehrenberg employee had to drag me out of the theatre after about an hour of my mental breakdown at having witnessed a work of God.

I can never review anything ever again; this is it. This is the best film-nay, best human endeavor-to ever exist on this planet and, dare I say, in this universe.

This movie has changed my outlook on life so much that I am hear by resigning my post as film critic and will be dropping out of Coe, so I can pursue my new life of hermitage. I shall praise this film as far and as wide as I can.

A young Hannover Eckelstein (Alden Eren... Errand?...Ehren-rich... it's not Harrison Ford) is a poor man groveling in the slums of Space New York on the planet Corellia, desperate enough for space cash that he works as the assistant to the Planetary Meter Maid.

After bumping into an extremely hairy hippie calling himself "Chewie" (Emilia Clarke), Han is adopted into the local Corellian Mafia, headed by Don Lando Calrissian (Woody Harrelson).

Under his tutelage, the wimpy Eckelstein grows a pair and changes his dorky name to a cooler one, Lone Starr, though Calrissian changes it immediately to "Han Solo." With his new name and a new smelly partner, all seems well in the criminal life of Solo until he is met with his match: the shifty Qi'ra (Childish Gambino), a temptress who lusts after the disturbed smuggler almost as much as she lusts after power.

But when a new Sith Lord calling himself Darth Vader (Tracy Morgan) comes into town and threatens to take out the

Calrissian Family, it's up to Solo and a gang of misfit characters whose names I do not recall to tap into the Force (Mark Hamill) to defeat him.

What else can be said of this masterpiece? There aren't enough Oscars in the world to give to this film to show how impactful it will have upon the coming millennia of cinema.

Spielberg, Nolan, nor even George Lucas himself could make something as wonderful as Solo. The plot is so thick with double speak and hidden meanings that within the first three hours I felt as if every human story created had coalesced into my brain; I lived a thousand lives before the movie was over.

The characters are so varied and numerous that I latched on to every single development they had; even the extras in the background establishing shots could be fit for Shakespeare. When Jar-Jar Binks showed up I knew instantly this film would be a hit, and whoever's idea it was to have James Earl Jones finally play Darth Vader in body rather than voice deserves

a medal. Of course, the not-Harrison Ford guy stole the show, and I expect we'll be seeing him in Solo 2: The Greedo Years, coming May of 2019.

Oh, and the complete CGI set with practically no real-life objects or characters was cool too, I guess. Disney was right to bring Lucas back for the editing this round.

Anyway, before I go buy a bus ticket for Alaska, I urge you that when Solo comes out that you make sure everyone in your family goes to see it. If they die without seeing the greatest of human works, it will be a life wasted. It's worth it for the 2-hour origin story alone.

My Rating:

1 Googolplex
($10^{10^{10^{10}}}$)

Rotten Tomatoes: Unavailable, but most likely to be 101%

This is NOT a blank page

Friday, March 30, 2018

COE CROSSWORD

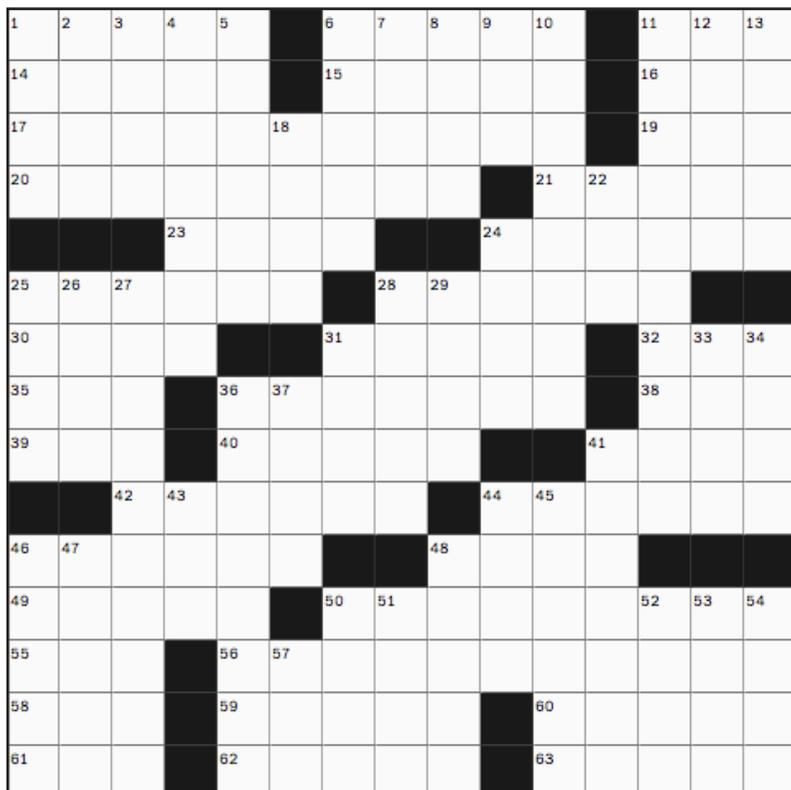
ACROSS

- 1 Jordan's capital
- 6 Amounts to
- 11 Cleveland hoopster
- 14 Tour leader
- 15 Popcorn brand whose logo resembles a movie marquee
- 16 Corrida cheer
- 17 *Many a museum piece
- 19 "MSNBC Live" co-anchor Velshi
- 20 Big Dipper's constellation
- 21 Birth-related
- 23 Couple of gags?
- 24 Tied-on protectors
- 25 Without
- 28 Not even close
- 30 Vise features
- 31 British nobles
- 32 Roger Federer's org.
- 35 French buddy
- 36 *Choice spot at the opera
- 38 Pi follower
- 39 Stood for office
- 40 Powerful Japanese dog
- 41 Black bird or black cat, to some
- 42 Go round and round
- 44 Messed (up)
- 46 Obtain
- 48 Is not misused?
- 49 Very serious, as a water shortage
- 50 Blunder
- 55 Humanities degs.
- 56 Words to a server ... or a hint to the first words of the answers to starred clues
- 58 "The Book of ___": 2010 Denzel Washington film
- 59 Exorbitant interest
- 60 Ceremonial place
- 61 Fond du __, Wisconsin
- 62 Closed
- 63 Braid

DOWN

- 1 Twittering
- 2 "Studies in the Sierra" writer John
- 3 Fitbit unit

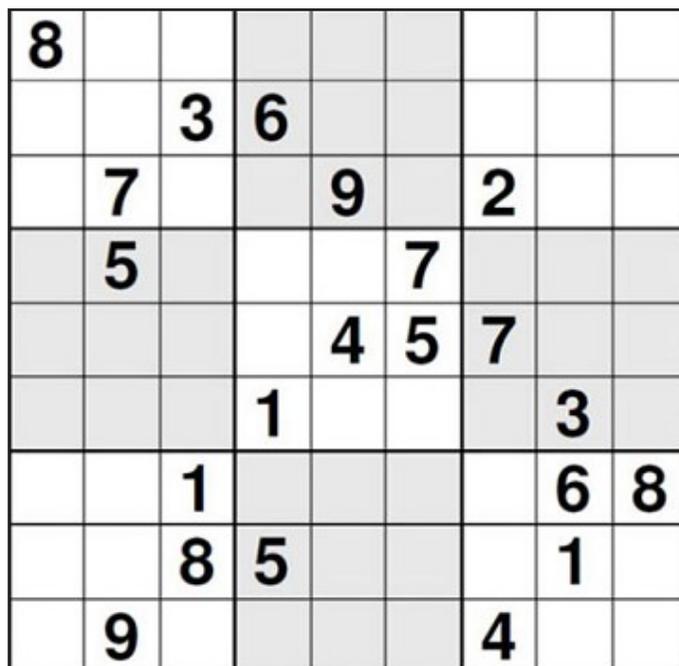
- 4 Much of the Sunday paper
- 5 Spruce (up)
- 6 Walking sticks
- 7 Penta- plus three
- 8 Cup-a-Soup direction
- 9 Pewter component
- 10 Footpath aid
- 11 *Family crest
- 12 Poe's middle name
- 13 Concealing accessories
- 18 "Probably not"
- 22 "Wanna go out?" response
- 24 Protagonist of Auel's "Earth's Children" novels
- 25 Somewhat open
- 26 Auburn rival, familiarly
- 27 *Ellington genre
- 28 Squander
- 29 Surface product
- 31 Bright word in a dark theater
- 33 You, back in the day
- 34 Koi habitat
- 36 Kansas City cuisine
- 37 Not bad
- 41 Fly off the shelf faster than
- 43 To date
- 44 Struggle with sisters?
- 45 400 meters, on many tracks
- 46 It has one hump or two
- 47 Florida's __ National Forest
- 48 Binder for some paints
- 50 2017 FX miniseries subtitled "Bette and Joan"
- 51 Spacious lot
- 52 Part of TTFN
- 53 Actor Morales
- 54 Cheeky
- 57 QVC sister station
- 58 "Naughty, naughty!"
- 60 __-fi
- 61 Squeeze (by)
- 62 Plotting



Crossword courtesy of "president" Trumps Diary

WEEKLY SUDOKO

We know you only look at the puzzles and nothing else. We are watching you. Everywhere. *(Clean your room by the way.)*



Sudoku courtesy of your mom