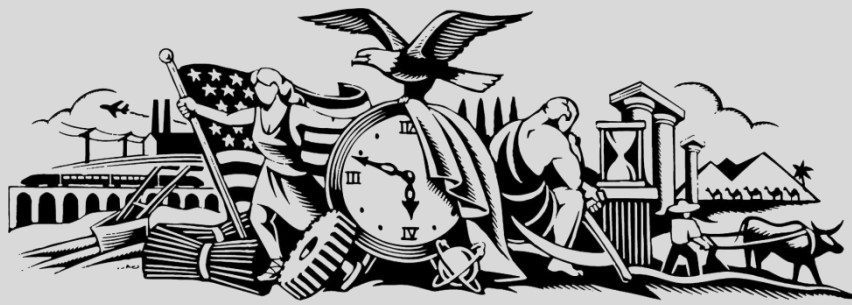


All the News
That Fits,
We Print.



All the News
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Open invitation to submit articles
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Opinion pieces, reported stories,
personal essays, works of
humor, illustrated narratives,
photography and of course
technology pieces are
welcome.

Newsletter@TechEdConnect.org

Arduino
Cookbook



(How-To Geek)
Bottleneck Calculators
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Note

**How does heat kill? It confuses
your brain. It shuts down your
organs. It overworks your heart**

(AP)

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**The planet is getting hotter fast.
This is what happens to your body
in extreme heat**



Who is most at risk

The elderly, people with chronic medical conditions, as well as children, are at higher risk for severe heat-related illnesses.



(CNN) Continue Reading...



Is a Geothermal Heat Pump Worth It?
My Net Zero Home

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New Map Shows the Highest Heat Risk Isn't
Always Where Temperatures Are Hottest (SCI AM)

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The Best Free Software for 2024 (PC Mag) Continue Reading...



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President's Message



If you have read the email I sent to everyone on June 26 at 9 p.m., you know by now that we are resuming in-person General Meetings, starting in August. Unlike before, the General Meetings will be on the first TUESDAY (not Thursday) of the month. We will meet at the Scarsdale Public Library, starting on August 6, 2024, in the North/South meeting rooms. The time has not changed and will continue to be at 7 p.m. The Scarsdale Library is located at:

54 Olmsted Road
Scarsdale, NY 10583

Ample free parking is available. The Registration Desk will open at 6:30 p.m. and close at 7:15 p.m. Door prize raffle tickets and 50/50 tickets will NOT be distributed nor sold after 7:15 p.m. Only one door prize raffle ticket will be given per family.

As requested by a number of you, the General Meetings will continue to be on Zoom as well, for those who do not want to drive at night or live too far from our area. Bear with us on the first few meetings at the library since going hybrid is brand new territory for us. Expect glitches, but we will do our best to smooth out the rough edges.

I look forward to seeing as many of you as possible in person again, after meeting strictly on Zoom for 4.5 years.

Dr. Pierre Darmon
President, **TechEdConnect**® (formerly Westchester PC Users Group)
PC/Mac Computer Support and Education Consultant
Cell: (914) 646-3813



Playing catch in the wild free ocean. How incredible



We reserve the right not to publish anything we consider inappropriate.

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One in four older adults in the U.S. will fall each year, putting them at risk of injury, broken bones and even death.



(AP Photo/Eric Risberg, File)

Lower your risk of falling as you get older with these simple steps

(AP) Continue Reading...



The 4 phases of retirement |
Dr. Riley Moynes | TEDxSurrey

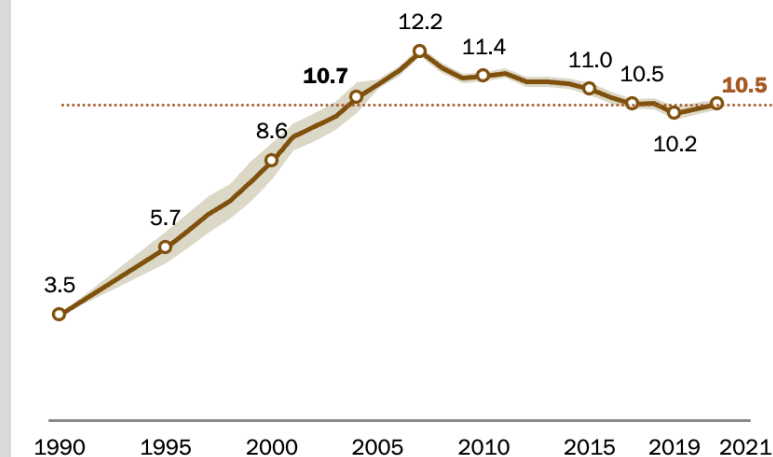




What we know about unauthorized immigrants living in the U.S.

The unauthorized immigrant population in the United States reached 10.5 million in 2021, according to new Pew Research Center estimates. That was a modest increase over 2019 but nearly identical to 2017.

Unauthorized immigrant population in the United States, in millions



(Pew Research Center)
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Researchers discovered that ferns, like flowering plants, evolved nectaries to attract ant bodyguards around 135 million years ago.

For example, some plants have managed to recruit ant bodyguards. They produce sugary nectar on their leaves that attracts the ants, then these very territorial and aggressive ant mercenaries patrol “their” plant and sting or bite herbivores that try to eat it.



Note

(SCI Daily) Continue Reading...





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Sperm whale families talk a lot. Researchers are trying to decode what they're saying



Scientists are testing the limits of artificial intelligence when it comes to language learning.

Researchers are using machine learning to analyze and decode whale sounds — and it's just as complicated as it seems.

Sperm whales are interesting to researchers because they have big brains, close family groups and coordinate in lots of ways. They dive and hunt together, and sperm whale biologist Shane Gero says they even babysit for each other.

(NPR) Continue Reading...



(TED Talks) The Last 6 Decades of AI
— and What Comes Next Continue Reading...





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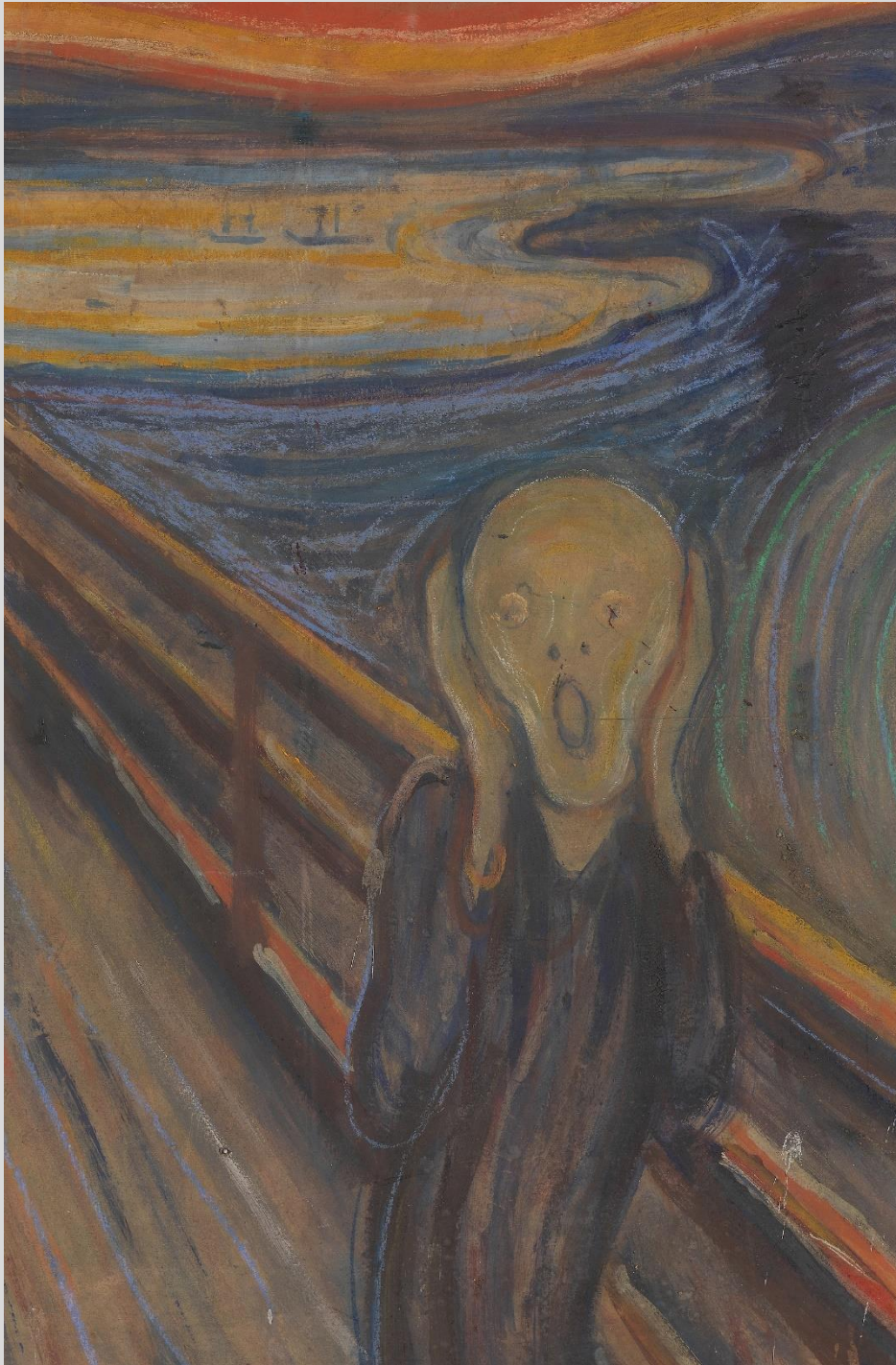
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Yes, you should be a little freaked out about Hurricane Beryl

"It's hard to communicate how unbelievable this is."

(ARS Technica)
Continue Reading...



Federal funding for major science agencies is at a 25-year low

Government funding for science is usually immune from political gridlock and polarization in Congress. But, federal funding for science is slated to drop for 2025.

Me after reading the news!
The Scream

Artvee



(The Conversation)
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Monday to Thursday

July

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| Today July 2024 | | | |
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| Mon | Tue | Wed | Thu |
| Jul 1 7pm Apple for beginners | 2 | 3 4:30pm CANCELED: Westchester PC 7pm All Things Mobile | 4 Independence Day 12am Independence Day - no works |
| 8 7pm Upgrade & Repair | 9 7pm CANCELED: Office Suites | 10 4:30pm Westchester PC-Renew (Zoo | 11 7pm CANCELED: Technology with Ai 7pm SPECIAL DATE: General Meetin |
| 15 7pm Photo & Video Editing | 16 | 17 4:30pm Westchester PC-Renew (in p | 18 7pm Cultural Technology with David |
| 22 | 23 | 24 4:30pm Westchester PC-Renew (Zoo | 25 7pm Digital Cameras |
| 29 7pm Exploring Software with Pierre | 30 | 31 2:30pm SPECIAL TIME: Westchester 7pm Executive Board Meeting | Aug |

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Affordable Connectivity
Program Application



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Monday to Thursday

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Today August 2024

| Mon | Tue | Wed | Thu |
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| 29 7pm Exploring Software with Pierre | 30 | 31 2:30pm SPECIAL TIME: Westchester 7pm Executive Board Meeting | Aug 1 |
| 5 7pm Navigating Windows | 6 7pm NEW DATE: General Meeting | 7 4:30pm Westchester PC-Renew (Zoo 7pm All Things Mobile | 8 7pm CANCELED: Technology with A |
| 12 7pm Upgrade & Repair | 13 7pm Office Suites | 14 4:30pm Westchester PC-Renew (in p | 15 7pm Cultural Technology with David |
| 19 | 20 7pm CANCELED: Photo & Video Edit | 21 4:30pm Westchester PC-Renew (Zoo 7pm The Curious Lion | 22 7pm Digital Cameras |
| 26 7pm Exploring Software with Pierre | 27 | 28 2:30pm SPECIAL TIME: Westchester 7pm Executive Board Meeting | 29 |

NASA Fixes Voyager 1 Issue (Youtube)



Lioness Flirts With Male
Just to Steal His Food



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This \$30 Logitech keyboard will switch between three of your devices



Working remotely can be super easy when you have the right tools at your disposal, such as the Logitech K480 keyboard, which can switch between multiple devices. Now available at an incredible price of just \$29.89, down from \$50, this deal offers you the chance to snag a great tool, a great opportunity to enhance your work or play experience with a versatile and reliable keyboard.

(PCWorld) Read More...



This Awesome Mini Monitor is CHEAP and Useful!



Opinion: I study school shootings. Here's what AI can — and can't — do to stop them



AI is being used at schools to interpret the signals from metal detectors, classify objects visible on CCTV, identify the sound of gunshots, monitor doors and gates, search social media for threats, look for red flags in student records and recognize students' faces to identify intruders.

(CNN) Read More...



Project Sunroof



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AI and Exoskeletons Team Up to Transform Human Performance on Earth and in Space



Imagine safer, more efficient movements for factory workers and astronauts, as well as improved mobility for people with disabilities. It could someday become a more widespread reality, thanks to new research published on June 12 in the journal Nature.

(SciTechDaily) Read More...



Ubuntu 24.04- An Excellent Linux Distro - YouTube



From 15 Billion Miles Away: NASA's Voyager 1 Springs Back to Life



Credit: Caltech/NASA-JPL

NASA's Voyager 1 has overcome a technical setback from November 2023, successfully resuming normal operations and data transmission by May 2024. All four of its science instruments are active again, studying space beyond our solar system.

(SciTechDaily) Read More...



Project Sunroof





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TED Talks



(The Enterprisers Project)

TED Conferences is an American-Canadian non-profit media organization that posts international talks online for free distribution under the slogan "ideas worth spreading"

(Wikipedia) [Continue Reading...](#)



[How new drugs could come from space](#)



[How not to be ignorant about the world](#)



[How to green the world's deserts and reverse climate change](#)



[Our Creative Relationship With AI Is Just Beginning](#)



NASA astronaut Bill Anders, who took famous photo of Earth during Apollo, dies at 90



"Humanity had lived on the Earth forever," he says, "[but] we'd never known the Earth until we looked back at it and realized how tiny and fragile and precious and finite it is. And it's changed human thinking ever since."

(NPR) [Continue Reading...](#)



[How Was the World's Biggest Dome Built? - Florence Cathedral](#)



[10 Free AI Tools That Are Actually Great! 2024](#)



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Will AI Be Used By Terrorists? The new rising threat of AI in conflict

During the current war in Gaza, unlike previous conflicts, one of the new threats that may affect the course of the war is the use of artificial intelligence, for purposes such as disinformation, for example, in deep-fake videos by Hamas. In addition to disinformation, Hamas also now uses AI advanced graphics combined with artificial intelligence to spread its propaganda to incite “lone wolf” attacks and to garner support among the Palestinian public. The potential of such advanced technology has not gone unnoticed by other terrorist organizations either.

(Y Net) Continue Reading...



Animated infographics that explain how everyday things work.

How does a Military Helicopter work- (Pave Hawk) - YouTube



Inside the B-17 Flying Fortress



How a Tugboat Tows Ships 1000 Times Bigger - Z-Drive Tugboat



How a Helicopter Works



At the store there was a Big X by the register for me to stand on... I've seen too many Road Runner cartoons to fall for that one.

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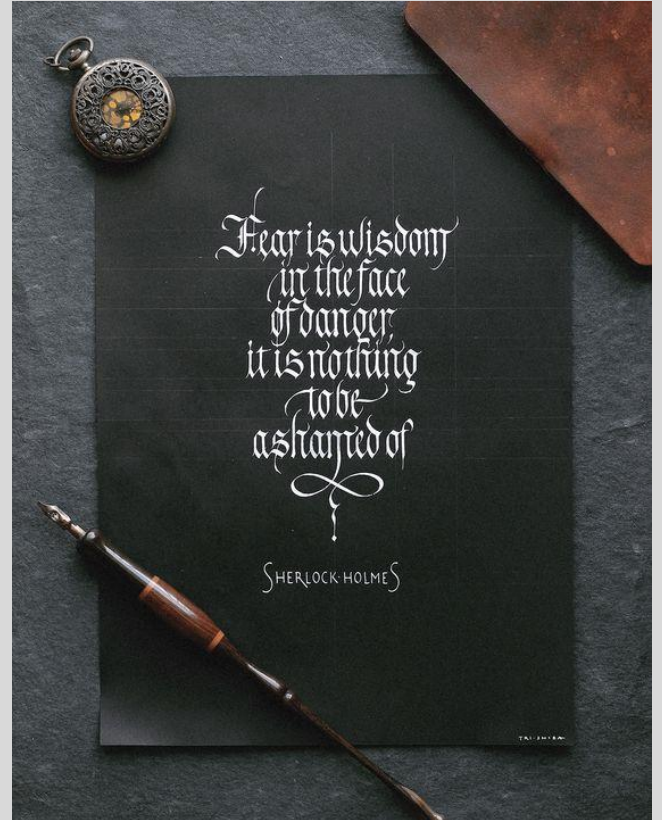
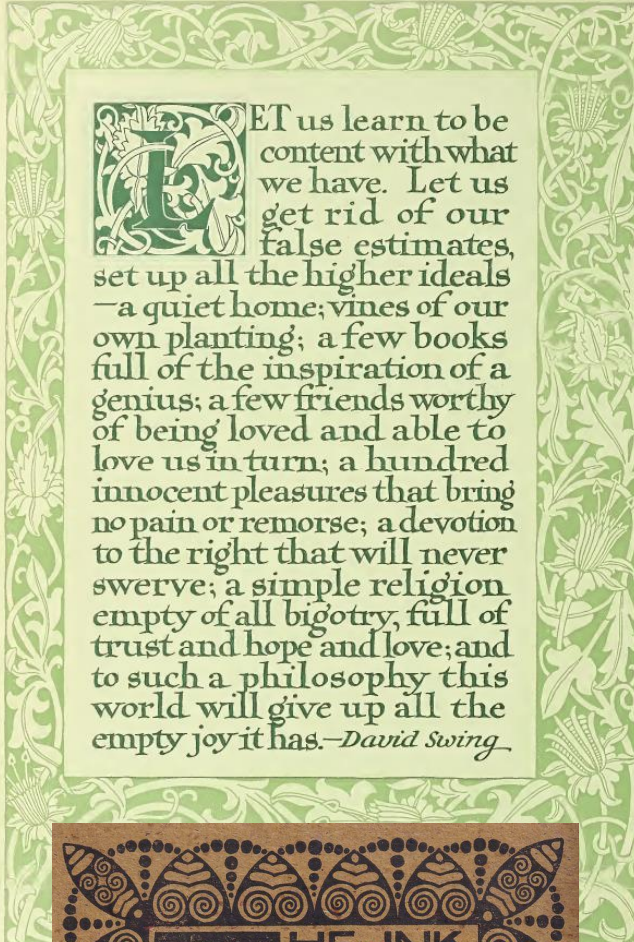


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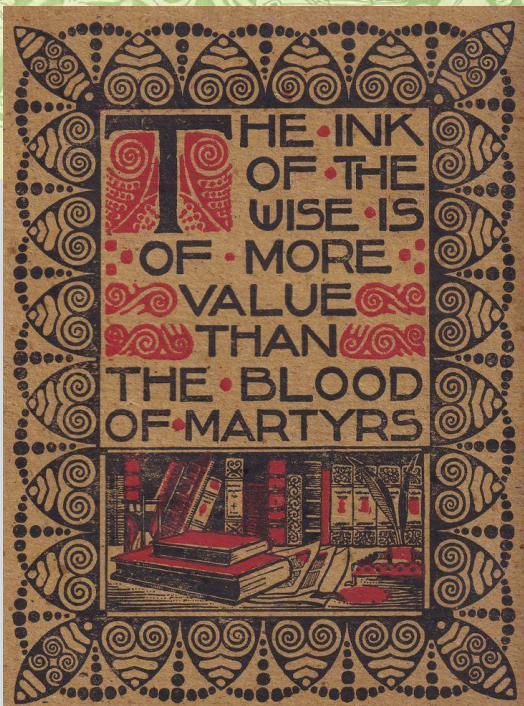


GEORGE R.R. MARTIN

“I have lived a thousand lives and I have loved a thousand loves. I’ve walked on distant worlds and seen the end of time.

Because I read.”

55.



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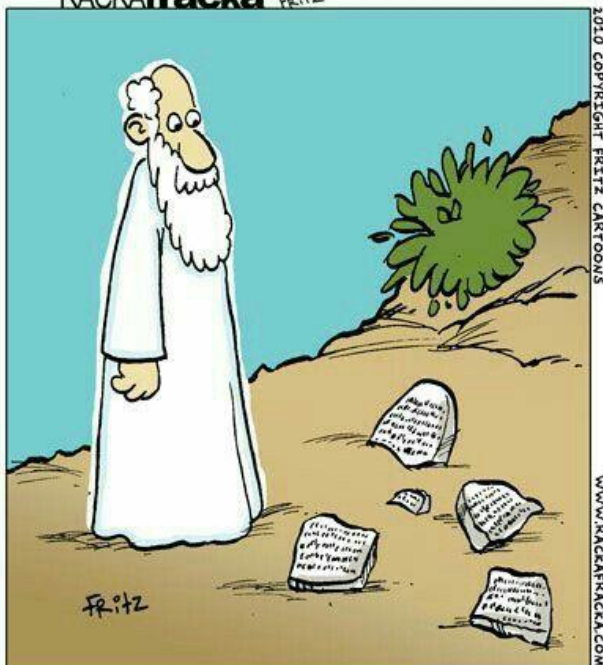
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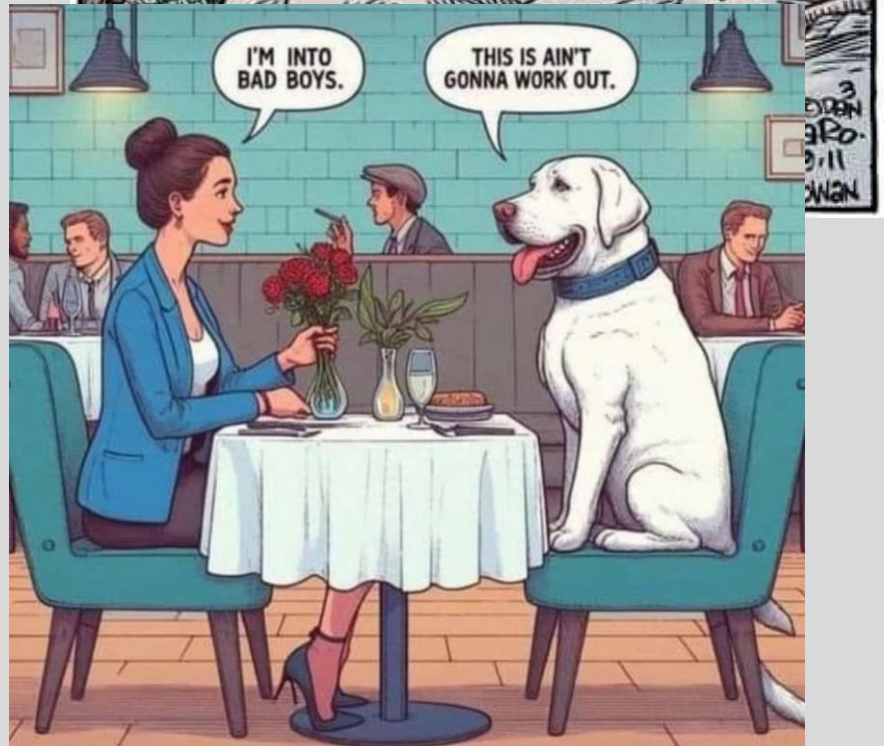


...and that is WHY the chicken crossed the road.

RACKAfracka by Fritz



AFTER CALMING DOWN, MOSES WISHED HE HAD BACKED UP HIS DATA.



Thank You Pinterest





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Scientists Baffled: Webb Uncovers Ancient Galaxies That Defy Explanation



NASA's James Webb Space Telescope has revealed mysterious objects in the early universe that challenge current theories of galaxy and supermassive black hole evolution.

These objects contain old stars and massive black holes, much larger than expected, suggesting a rapid and unconventional form of early galaxy formation. The findings highlight significant discrepancies with existing models, and the objects' unique properties indicate a complex early cosmic history.

(SciTechDaily) [Continue Reading...](#)



How SpaceX Reinvented The Rocket Engine!



The benefits of anti-ageing medicines will outweigh the downsides



The field of anti-ageing medicine has exploded in recent years as discoveries about the fundamental biology of ageing are translated into experimental therapies. The latest fountain of youth to gush from the lab comes in the form of vaccines against age-related conditions – cancer, heart disease, dementia and more. The first of these could be available by the end of the decade. All-purpose anti-ageing jabs are also in development (see “New anti-ageing vaccines promise to prevent diseases like Alzheimer’s”).

(New Scientist)

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Image scanner

Modern scanners typically use a charge-coupled device (CCD) or a contact image sensor (CIS) as the image sensor, whereas drum scanners, developed earlier and still used for the highest possible image quality, use a photomultiplier tube (PMT) as the image sensor. A rotary scanner, used for high-speed document scanning, is a type of drum scanner that uses a CCD array instead of a photomultiplier. Non-contact planetary scanners essentially photograph delicate books and documents. All these scanners produce two-dimensional images of subjects that are usually flat, but sometimes solid; 3D scanners produce information on the three-dimensional structure of solid objects.



An image scanner—often abbreviated to just scanner—is a device that optically scans images, printed text, handwriting or an object and converts it to a digital image. Commonly used in offices are variations of the desktop flatbed scanner where the document is placed on a glass window for scanning.

Digital cameras can be used for the same purposes as dedicated scanners. When compared to a true scanner, a camera image is subject to a degree of distortion, reflections, shadows, low contrast, and blur due to camera shake (reduced in cameras with image stabilization). Resolution is sufficient for less demanding applications. Digital cameras offer the advantages of speed, portability, and non-contact digitizing of thick documents without damaging the book spine. In 2010 scanning technologies were combining 3D scanners with digital cameras to create full-color, photo-realistic 3D models of objects.[1]

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Wikipedia is WONDERFUL

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(stock.adobe.com)

Turkish student arrested for using AI to cheat in university exam



'ISTANBUL: Turkish authorities have arrested a student for cheating during a university entrance exam by using a makeshift device linked to artificial intelligence software to answer questions.

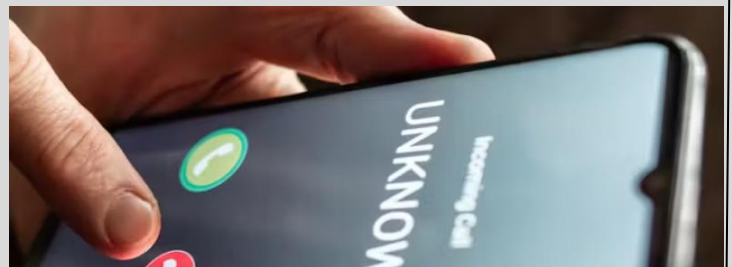
(Arab News) Continue Reading...



The Glitch That Kept Sending The FBI To A Tiny Kansas Farm



Elder fraud has reached epidemic proportions – a geriatrician explains what older Americans need to know



Americans age 60 and older lost more than US\$3 billion to scammers in 2023, according to the FBI.

(The Conversation) Continue Reading...



How to foil check washing fraud before it costs you thousands



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US blacklists Kaspersky software over alleged Kremlin ties

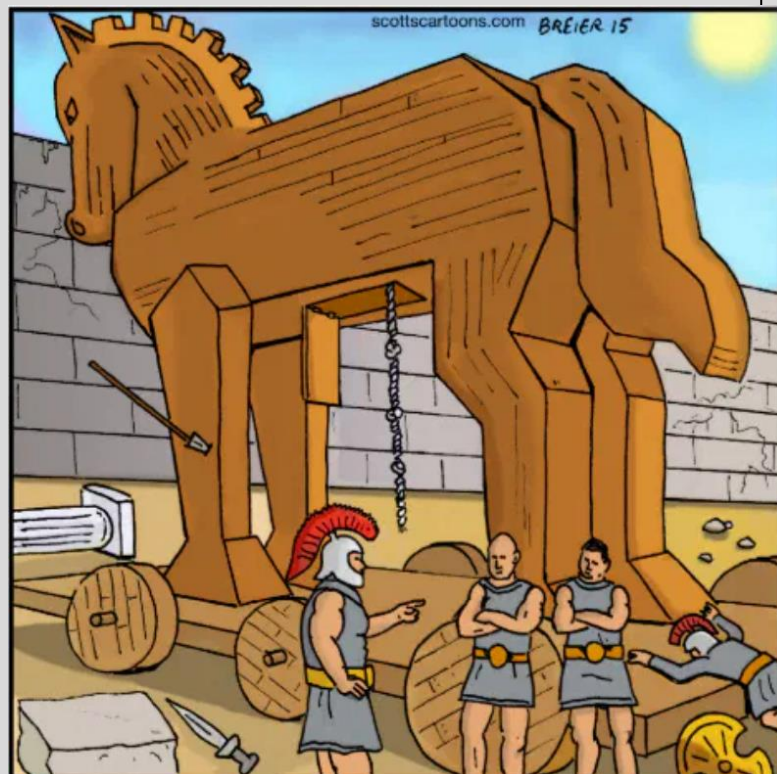


SEFA KARACAN/ANADOLU AGENCY VIA GETTY IMAGES

The Commerce Department barred the sale of cybersecurity products made by Russia-based Kaspersky Labs in the United States on grounds that the firm's ties to the Kremlin pose national security risks to American customers using its services.

(DefenceOne)

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"Norton! McAfee! How did you NOT detect this as a threat? You're both useless, you know that?"

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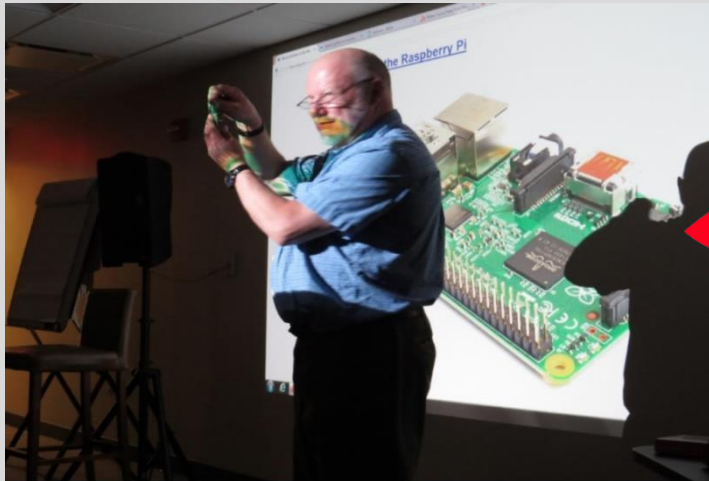


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ALL WORKSHOPS ARE ONLINE

TechEdConnect® has workshops for everyone who uses a computing device. Some workshops have a formal classroom-type approach; others are informal meetings where ideas and problems are discussed. Below is a list of the various workshops and the leaders.

PHOTO & VIDEO EDITING Jim Iscaro

Learn to take pictures off your phone or camera, save them in an organized manner, back them up, and select the best. We then edit them so they look like the picture we wanted to take. We'll use an easy photo editor that is available in Windows and Mac and we will cover apps on Android and iOS devices.

TECHNOLOGY Anthony Tedesco

Meeting starts with discussions on any related area of technology attendees feel interested in. Followed by a presentation on a different technology topic each month.

NAVIGATING WINDOWS (*Alternating months*) Pierre Darmon

Q&A to address questions on Windows, from printing to device drivers, from changing default apps to addressing performance issues, and much more.

THE CURIOUS LION John Moore

What to do if a light does not light. What to do when your hair dryer will not turn on. How to map the circuits in your breaker panel. How to hook up a generator if you don't want to hire an electrician. How a 208-volt circuit differs from a 120-volt circuit. Bring your questions to find answers.

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UPGRADE & REPAIR Jonathan Hauff

We cover hardware and software. The good, fun, and bad stuff. Sessions feature adding to your PC (cameras, phones, mass storage, backups) and upgrades; error messages; stubborn installations; dreaded “blue screens of death,” conflicts, and buggy programs, virus/spyware/identity issues and how to understand and solve them all!

DIGITAL CAMERAS Allan and Heather Turnbull

Do you want to know about the symbols and buttons on your camera? Do you want to know how to take a decent picture, download your pictures to your computer, and send them by email? Bring your digital camera and manual. We show you how to use it in a relaxed, informal, and hands-on environment.

ALL THINGS MOBILE

A roundtable discussion of Android and Apple devices. Share your phone and tablet experiences, apps, and favorite websites. We'll learn together. You don't need a device; we'll share ours with you. Open to all levels.

OFFICE SUITES George Hauss

Ah, you think you are an expert and don't have to come to George Hauss' workshop? In fact, George has been piling in the tips and tricks that make MS Office, LibreOffice, OpenOffice, and even the Mac Office Suite (iWork) much quicker and easier to use. Bring your own shortcuts to share. Put this workshop on your calendar and learn what you think you already know.

APPLE FOR BEGINNERS (*Alternating months*) Pierre Darmon

This workshop is geared for beginners. It is conducted as a Q&A for the most part. We cover all things Apple, from the Mac to the iPhone, iPad, Apple Watch, AirTags, and their relationship.

CULTURAL TECHNOLOGY David Lerner

Recent discussions on archaeology, gorgeous stained glass windows, World War II history, ships from the classical age. David Lerner shares his many interests with us and holds our attention throughout his workshop.

EXPLORING SOFTWARE Pierre Darmon

A different topic each month. Topics span from computer security to the paperless office to Chromebooks and printers, just to name a few.

DDG-105 takes a nose-dive



Archival: Space Shuttle Challenger Disaster | NBC Nightly News



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Westchester PC-Renew Gary Feiman or Jimmy Lamake at 914-297-8490 email to WPCRenew@TechEdConnect.org. Learn to rehab computers and help our community at the same time. This is a hands-on workshop that refurbishes computers. No experience is necessary; we will teach you. We show you how to check out and install hardware and operating systems. Then all computers are given to nonprofit organizations in our community. **WPC-Renew is continuing to meet online and has also resumed in person workshops.**

Since its creation WPC-Renew has refurbished approximately 1,500 computers and provided them free of charge to deserving people and organizations.

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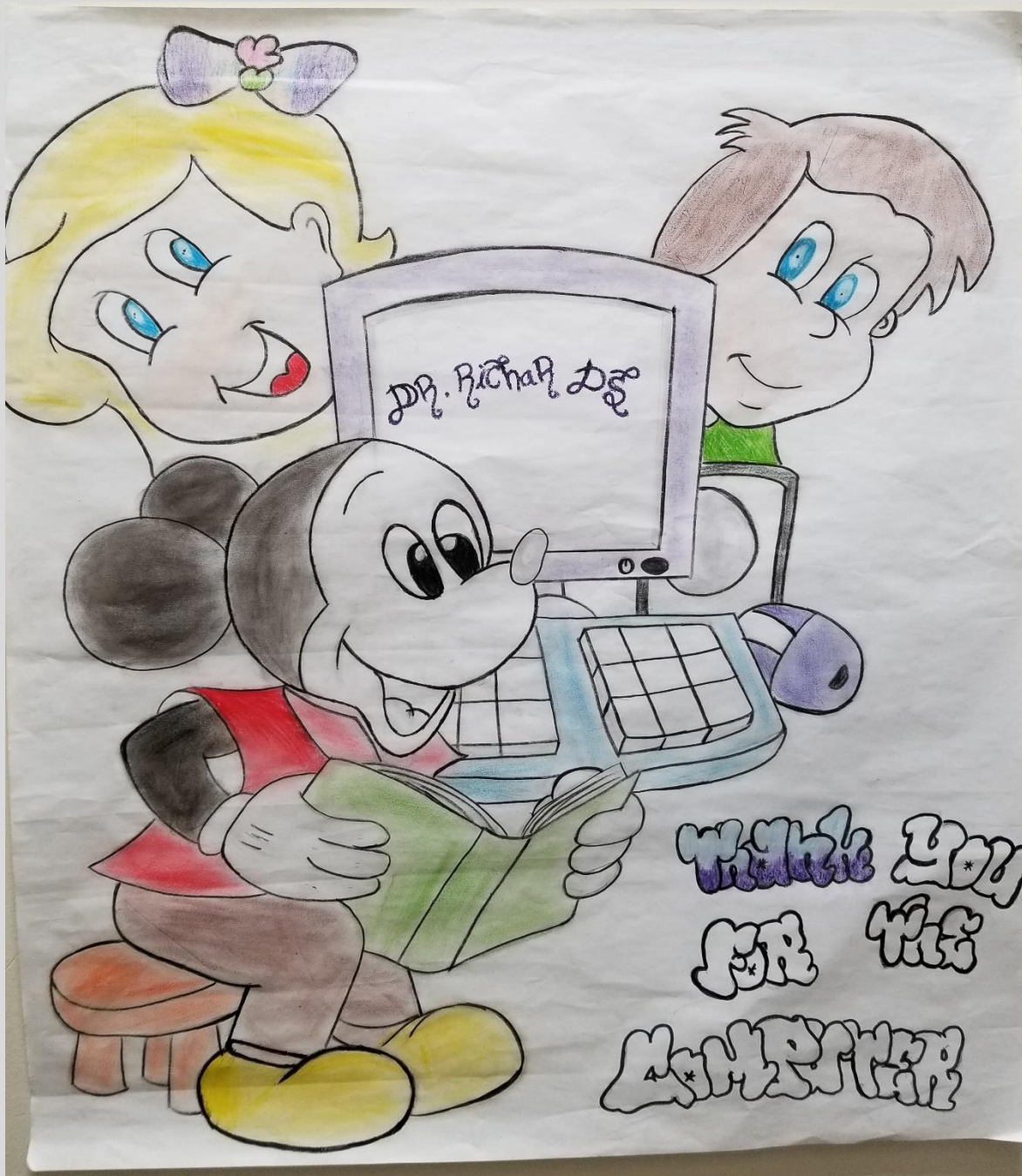


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Dr. Richard, a member of WPC-Renew sets up the computers in the cottages at Children's Village.

The kids all think the dozens computers come from her.

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Quotes by Oscar Wilde



True friends stab you in the front.
Only the shallow know themselves.
The truth is rarely pure and never simple.
Women are made to be loved, not understood.
Experience is simply the name we give our mistakes.
To love oneself is the beginning of a lifelong romance.
Ridicule is the tribute paid to the genius by mediocrities.
Moderation is a fatal thing. Nothing succeeds like excess.
When the gods wish to punish us they answer our prayers.



I am the only person in the world I should like to know thoroughly.
Some cause happiness wherever they go; others whenever they go.
The only way to get rid of temptation is to yield to it. I can resist everything but temptation.
Selfishness is not living as one wishes to live; it is asking others to live as one wishes to live.
There is only one thing in life worse than being talked about and that is not being talked about.
There are only two tragedies in life: one is not getting what one wants, and the other is getting it.
It is what you read when you don't have to that determines what you will be when you can't help it.
Women are never disarmed by compliments. Men always are. That is the difference between the sexes.



Education is an admirable thing but it is well to remember from time to time that nothing that is worth knowing can be taught.

When men love women they give them but a little of their lives. But women when they love give everything.
Ordinary riches can be stolen; real riches cannot. In your soul are infinitely precious things that cannot be taken from you.
Most people are other people. Their thoughts are someone else's opinions, their lives a mimicry, their passions a quotation.

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Wired



DW



Politico



PEW



Times of Israel



Reuters



NY Times



How-to Geek



MakeUseOf



PC Magazine



TechRepublic



Ars Technica



CNET



Defense



BBC News



ScienceDaily



SciTechDaily



Foreign Affairs



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You are welcome to send suggestions for additions to this list.

Each source either has no paywall allowing you to read the complete article from the link we provide or they allow the link to bypass the paywall.

The links on this page go to the most recent front page of each periodical.

Please be advised that all links in this newsletter will pull up various publications. If any publications object to said use please notify **TechEdConnectSM** and we will comply with said request.



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Books

Illustration: MC Escher



1001 Inventions - The
Enduring Legacy of Muslim
Civilization



The most delectable history
Wonderful of Reynard the Fox



The Age Of Exploration



Movies

Wonderful

Lawrence of Arabia
Documentary



King Solomon's Mines
(1937)



Robert Oppenheimer



The Murders in the Rue
Morgue

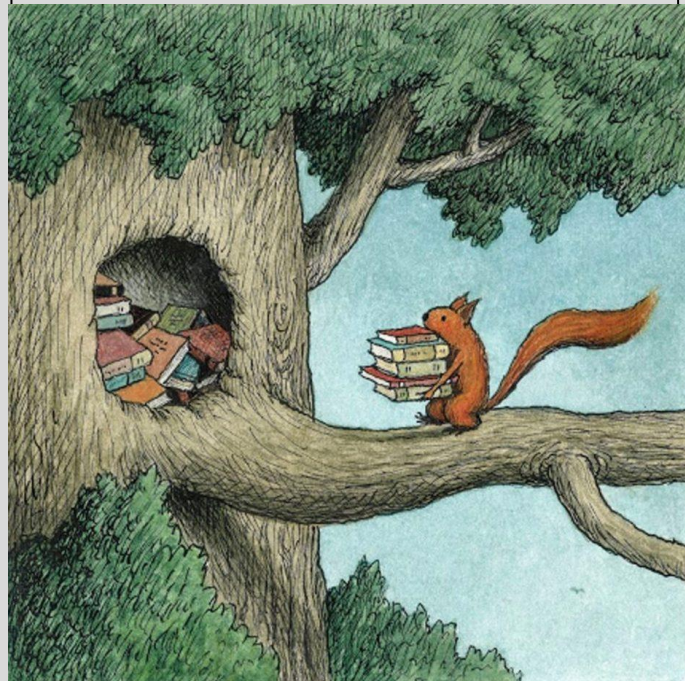


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This is a list of resources from the web.
All are free.

It is legal to use their content.

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The Funnies

© Cartoonbank.com



"All I'm saying is now is the time to develop the technology to deflect an asteroid."

