

Welcome to *TEKTOK*
May 10, 2017

I have frequently gained my first real insight into the character of parents by studying their children.
~ Arthur Conan Doyle

Web Sites

Windmill Day

10th May each year

- *We've always loved them, there's something absolutely bucolic about their squat structures, and the gentle creak of their fins as they spin in the natural wind currents. Windmills have been around for a very long time, when people first realized it was possible to harness the power of the wind to perform work. Ever since new innovations have been made in the ability to utilize the never ending source of power that windmills capture. Windmill Day commemorates the origins of the Windmill, and how it's helped to shape technology and industry in the past and into the future.*
- *History of Windmill Day*
 - *The idea of capturing the power of wind to perform work isn't new, and in fact it goes back far further into history than you might suspect, and has sprung up in multiple cultures throughout the world. Heron of Alexandria was the earliest person known to have harnessed the energy of moving air to perform work, using a very primitive device to power an organ. Persia developed more traditional windmills, though they had a different orientation than the ones we typically think of when hearing the word 'windmill'.*
 - *Some historians think that the Persian models were the inspiration for the vertical models that were developed in the middle ages. The first evidence of a windmill can be found in Weedley, Yorkshire, England and is said to have been built in 1185. As is commonly depicted in media, they were used primarily to grind grain, and have been for many centuries thereafter.*
 - *Recently though, there's been a growing movement to use Windmills in another fashion entirely! The power of the wind can be harnessed to turn giant wind turbines which in turn generate clean, unlimited, renewable energy! Windmills have been around for a long long time, and while they may seem like primitive tech, they've moved into the world as hope for a clean future. Along with solar, bio-fuel, and fuel cells, windmills are working to save the environment!*

- *How to Celebrate Windmill Day*
 - *Well you've already started by reading up on it! The best thing you can do to celebrate the day is educate yourself on the history of Windmills and then begin learning how they're helping us today. If you live in an area that has them, you can even go out and watch them turn, turn, turn... (Are we the only one hearing that song now?) as you contemplate just how important these are to a bright, pollution free future for our children.*

PBS LearningMedia: Windmill Gallery

This collection of still images features a variety of windmills and turbines. [This resource is available on PBS Learning Media. Free registration is required.]

<https://www.pbslearningmedia.org/resource/phy03.sci.phys.matter.wind/windmill-gallery/>

TryEngineering: Working with Wind Energy

Students use the engineering design process to build a working windmill out of everyday materials. Lesson explores the technology behind wind energy being used to generate energy in businesses and homes worldwide.

<http://tryengineering.org/lesson-plans/working-wind-energy>

Creative Science Centre: How to Make Your Own Windmill

Instructions for building a windmill using wood.

<http://www.creative-science.org.uk/windmill1.html>

Hardware/Software

How and why to empty the cache in Safari

How many times do you find Safari performance slows to a crawl? When it does you should quit and relaunch the app, but if this doesn't do the trick it may be time to empty the Safari cache, which is easy to do once you know where to look.

What is empty the cache?

Safari tries to speed up your Web browsing by storing frequent and recently viewed files and sites on your Mac in a place it calls the 'cache'. Most browsers do this, but if the cache grows too big or becomes corrupted your Mac will spend more time searching the cache than it would take to download the original site. When things slow down it can help to empty the cache, even though some Websites may load a little slower the first time you visit them again.

How to empty the cache

Apple hides the empty the cache command in a group of controls you can't ordinarily see, made available through the Develop menu.

To enable this menu item you must open Safari Preferences, click the 'Advanced' tab and then tick the Show Develop menu in menu bar item. With this item ticked you can leave System Preferences and should see the new Develop menu item in Safari's Menu bar.

To empty the cache tap the Develop item and choose the 'Empty Cache..' command in the contextual menu that appears.

Hints/Tips

How to Add a New Email Account to Mac Mail

- *Many of us have multiple email accounts, whether they are for personal uses or work purposes, and thus Mac users may find it helpful to add a new email account to the Mail app in Mac OS.*
- *This guide will walk through the process of adding an email account to the Mac so that it can be checked, managed, and used from the Mail app. You can use this to add another email account to Mail on Mac, setup a new email account, or even add a fresh email account that has never been used before. Technically you can add many email accounts to the Mail app if you want to, there is no small limitation on the number of accounts that can be configured within the app. Configuration is the same on virtually every vaguely new release of Mac system software, whether it's macOS or Mac OS X.*

How to Add Email Accounts to the Mac

1. Open the Mail app in Mac OS *
2. Pull down the "Mail" menu and choose "Add Account"
3. Select the email service you want to add a new email account for from the list, if the email account service is not listed choose "Add other Mail Account"
4. Input your name, email address, and the password to the email address and sign-in

That's it, your new email account will be added to Mail on the Mac and configured to use. The Mail app for Mac will auto-detect settings and configure the email account to use on the Mac.

If you have added more than one email account, you will likely find it useful to set your default email account so that emails are being sent from the account you'd like to send them to by default, and since this setup is using the Mail app you likely want to be sure that the default email app is set to Mail on the

computer too.

* Note if you have launched the Mail app on the Mac for the first time, it will often solicit you to setup an email account immediately. If that's the case, just follow the instructions on screen since you won't need to manually setup a new email account in Mail. You can also use this to create an icloud.com email address if you want one.

Earlier versions of Mac OS required a bit more setup to configure email on the Mac, including inputting mail servers, but generally speaking those settings are almost always auto-filled now as the Mail app is smart enough to be able to detect and set the servers for most common email accounts and email services, including for iCloud, Gmail, Yahoo, AOL, Hotmail, Outlook, MobileMe and Mac.com, and plenty of other services too. Sometimes users of ISP based email accounts may need to configure mail settings manually still, so if you're having difficulty with something like a Comcast, Cox, or Charter email address then you may need to get the necessary mail servers from the ISP and input those manually (they are almost always in the form of "mail.domain.com"). If for whatever reason you need to manually edit settings for email accounts or want to change them later, you can do that through the "Mail" menu Accounts option, or by going to System Preferences and modifying the internet accounts preference panel for the entry as necessary.

Adding Email Accounts to Mac Mail via System Preferences

You can also add email accounts to the Mac via the System Preference panel for Internet Accounts:

1. Go to the  Apple menu and choose System Preferences, then choose Internet Accounts
2. At the primary screen choose the internet service you want to add the email account for, or choose 'Add Other Account' at the bottom
3. Log in with the email account details as directed on screen

This will also add the email account to the Mail app in MacOS. The setup is basically the same as if you went through the Mail app, and whether you start the process from System Preferences or within Mail app does not matter, the settings will carry over to each.

And yes, you can easily delete an email account from the Mac if you added the wrong one or decide you no longer want a particular account on the computer, so don't feel like you're stuck if you try this out and later opt to not have a particular account on the Mac.

Riddles You Can Tell in Class

Why did the girl put sugar under her pillow?

She wanted sweet dreams.

Why is a crossword puzzle like a quarrel?

Because one word leads to another.

Why is a bad cold like a great humiliation?

Because it brings the proudest man to his sneeze.

This Day in History

Birthdates which occurred on May 11:

1888 Irving Berlin [Isadore Balin] Temum Siberia, composer (White Xmas)

1911 Doodles Weaver Los Angeles CA, comedian (Spike Jones & City Slickers, Doodles Weaver)

1912 Foster Brooks Louisville KY, comedian/actor (Miles–Mork & Mindy)

1912 Phil Silvers Brooklyn NY, comedian (Sergeant Bilko–Phil Silvers Show)

1920 Denver Pyle Bethune CO, actor (Dukes of Hazzard, Code 3, Tammy, Doris Day Show)

1935 Doug McClure Glendale CA, actor (Checkmate, Virginian, Roots)

On This Day:

1330 Constantinople (Istanbul) becomes new capital by Roman Emperor Constantine for Eastern Roman Empire

1502 Columbus begins 4th & last trip to "Indies"

1792 Columbia River discovered & named by US Captain Robert Gray

1816 American Bible Society forms (New York)

1858 Minnesota admitted as 32nd US state

1864 General J E B Stuart is mortally wounded in Battle of Yellow Tavern VA (Sheridan's Raid, South Anna Bridge)

1900 James J Jeffries KO's James J Corbett in 23 for heavyweight boxing title

1910 Montana's Glacier National Park forms

1916 Einstein's Theory of General Relativity presented

1927 Louis B Mayer forms Academy of Motion Picture Arts & Sciences

1928 General Electric opens 1st TV–station (Schenectady NY)

1929 1st regularly scheduled TV broadcasts (3 nights per week)

1947 BF Goodrich manufactures 1st tubeless tire, Akron OH

1949 1st Polaroid camera sold \$89.95 (NYC)

1953 Winston Churchill criticizes John Foster Dulles domino theory

1955 Israel attacks Gaza

1958 US performs atmospheric nuclear test at Bikini Island

1959 "Kookie, Kookie Lend Me Your Comb" by Byrnes & Connie Stevens hits #4

1959 Yankee catcher Yogi Berra's errorless streak of 148 games ends

1963 "Puff (The Magic Dragon)" by Peter, Paul & Mary hits #2
1963 Los Angeles Dodger Sandy Koufax 2nd no-hitter beats Giants, 8-0
1965 Ellis Island added to Statue of Liberty National monument
1968 Richard Harris releases "MacArthur Park"
1969 Monty Python comedy troupe forms
1972 San Francisco Giants trade Willie Mays to New York Mets for pitcher Charlie Williams & cash
1977 Ted Turner manages an Atlanta Braves game
1980 Pete Rose, 39, steals second, third, & home in one inning for Phillies
1981 Kim Carnes' "Bette Davis Eyes" hits #1, stay there 9 weeks
1987 1st heart-lung transplant take place (Baltimore)
1989 Kenya announces worldwide ban on ivory to preserve its elephant herds
1989 President Bush orders nearly 2,000 troops to Panamá

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