True happiness comes from the joy of deeds well done, the zest of creating things new.
– Antoine de Saint–Exupery

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Web Sites

Submarine Day
Date When Celebrated : Always April 17th or March 17th

Submarine Day.... does it celebrate the submersible boat, or the big hero sandwich? Most everywhere you find documentation on this day, it hails today as a day to celebrate the submarine boat. And, we would celebrate this event on April 17th, as the U.S. Submarine Force was established on this date in 1900.

Enjoy Submarine Day by watching movies featuring them. Or, read a book about submarines. If you live near a naval museum, take a drive to see a submarine today, and if allowed, go aboard.

If you work at a deli, it's perfectly okay to celebrate Submarine Day with a hero submarine of your choice. If you own the deli, give us a deal and run a Submarine Day special. And in this case, celebrate Submarine Day.on March 17th.

Question: What is the world's most well known submarine? It's the Yellow Submarine, *written and recorded by the Beatles.*

On Deck: Submarines in the Civil War
The Hunley wasn't the only submarine used in the Civil War. Read this comprehensive look at the research into underwater warfare and the results of that research.
http://www.navyandmarine.org/ondeck/1862submarines.htm

Q-files: Technology: Ships and Boats: Submarines
Learn how submersible vehicles like submarines function underwater.
https://www.q-files.com/technology/ships-and-boats/submarines/

Science Buddies: Do Submarines Need Fins?
In this science project, you can investigate how submarines use stabilizing fins

to move forward. Exploring friction and buoyant force you will get closer to understanding how these large ships function. Research resources are included for this short project.
http://www.sciencebuddies.org/science-fair-projects/project_ideas/Aero_p035.shtml

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Hardware/Software

Sign your documents

In OS X 10.7, Preview gained the ability to add your signature to documents. To get started, go to the Signatures tab in Preview's preferences and then click the +. Now, sign your name in black ink on a small piece of white paper and hold it up to your Mac's webcam. Line it up and click Accept (making sure the 'Save this signature' option is checked if you want to use it in the future).

Now open a document you want to sign, pop up the Edit Toolbar and click the signature icon – it looks like an S on a line next to a tiny X. Draw a box to add your signature on the form. You can scale and reposition it afterwards too.

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Hints/Tips

Crop, resize and tweak images

Preview is one one of the most under-appreciated apps on a Mac; especially in later versions of OS X, it became hugely powerful, and even for us at MacFormat, it does much of what we'd traditionally use a more elaborate and expensive application such as Photoshop for. Do yourself a favor: open an image in Preview and poke around the app's menus and interface to see what it can do.

For example, you can crop your image. Draw a selection with the regular Rectangular Selection tool then either hit Command+K or choose Crop from the Tools menu. Alternatively, show the Edit Toolbar and make a more complex selection either with the Instant Alpha tool (like in iWork) or use the Smart Lasso.

With this tool, you draw as carefully as you can around the outline of the object and then Preview works out as closely as it can where the edges are. In either case, cropping will, if the image isn't already a PNG, convert it so that you can have the thing you're cutting out on a transparent background. (You might need the Invert Selection command, too!)

You can also resize images, and even do some tweaks to the colors with the Adjust Color pop-up. Select Adjust Color… from the Tools menu, and you get some handy sliders and a histogram to help you tweak things. Plus, hit the backtick symbol (to the left of Z on a UK Mac keyboard, and to the left of 1 on a US Mac keyboard) to bring up a loupe so you can see what's happening at 100% as you make changes.

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Riddles You Can Tell in Class

1 - What kind of stories do rabbits like best?
2 - What's invisible and smells like a carrot?
3 - What does a bunny rabbit do in the rain?

1 - Ones with hoppy endings.
2 - A bunny toot!
3 - Gets wet

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This Day in History

Birthdates which occurred on April 12:
1724 Lyman Hall US physician (signed Declaration of Independence)
1777 Henry Clay [the Great Compromiser] US politician
1927 Jane Withers Atlanta GA, actress (All Together Now, Josephine the plumber)
1930 Betty Clooney Maysville KY, singer (Jack Paar Show)
1932 Tiny Tim [Herbert Butros Khaury] New York NY, singer (Tip Toe Thru' the Tulips With Me)
1947 David Letterman Indianapolis IN, comedian (Late Night)
1950 David Cassidy New York NY, singer/actor (Keith-Partridge Family)
1956 Andy Garcia [Andrés Arturo García Menéndez] Havana Cube, actor (Stand & Deliver, 8 Million Ways to Die)
1971 Shannen Doherty Memphis TN, actress (Little House, Bev Hills 90210)
1979 Claire Danes New York NY, actress (Angela-My So Called Life, Romeo & Juliet)

On this day…
0352 St Julius I ends his reign as Catholic Pope
1065 Pilgrims under bishop Günther of Bamberg reach Jerusalem
1204 4th Crusade occupies & plunders Constantinople
1606 England adopts the Union Jack as its flag
1770 Townsend Acts repealed
1861 Fort Sumter SC is shelled by Confederacy, starting the Civil War

1872 Jesse James gang robs bank in Columbia KY (1 dead/$1,500)
1877 Catcher's mask 1st used in a baseball game
1931 Spanish voters reject the monarchy
1945 Harry Truman sworn in as 33rd US President
1954 Bill Haley & the Comets record "Rock Around the Clock"
1965 1st National League game at Houston's Astrodome (Philadelphia Phillies beat Houston Astros 2-0)
1966 Atlanta-Fulton County Stadium opens; Pittsburgh Pirates beat Atlanta Braves 3-2
1966 1st B-52 bombing on North Vietnam 1969 Simon & Garfunkel releases "The Boxer"
1970 Yankees dedicate plaques to Mickey Mantle & Joe DiMaggio
1988 Sonny Bono elected mayor of Palm Springs CA

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Apple Teacher – 2016
STAR Discovery Educator
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TEKTOK uses *netTrekker* to explore the internet

netTrekker delivers the industry-leading digital learning resource library with only the best content from the web — 360,000+ curated digital resources tagged, organized, and aligned to standards so that teachers, students, and parents can find just what they need, all in one place, in a fraction of the time. Learn more about this tremendous resource at:

http://www.nettrekker.com/us/