

Welcome to *TEKTOK*
February 13, 2017

A coward gets scared and quits. A hero gets scared, but still goes on.
~Anonymous

Web Sites

Radio Day – 13th Feb each year

Founded: 2011 by UNESCO

The world used to be a much bigger place, at least when you consider the difficulty involved with transmitting information from place to place. In the beginning we simply had to walk and talk to one another, and then we were able to write and exchange letters. Ideas and music travelled the world at a snail's pace as compared to today. But then the radio was invented, and suddenly transmitting ideas hundreds of miles became a relatively trivial matter! The world became connected, and it would never be the same.

History of Radio Day

Radio waves were originally discovered by one Heinrich Hertz, following on the heels of his discovery of electromagnetic radiation. While experiments were performed in using this energy to transmit information, it wasn't until 1890 that the word radio was first applied, when the radio-conducteur was invented by French Physicist Édouard Branly. Previous to this all forms of communication using this discovery was known as wireless communication, but eventually radio spread across the world and became the go-to term.

Radio quickly spread to find applications in every conceivable venue, from transmitting information, to broadcasting music, and even serving as a way of transmitting stories. Long before there was TV, there was Radio Theater, (incidentally, this also brought along the creation of Foley artists, but that's another story entirely).

Radio had been recognized as having such a profound impact on the world today that the Spanish Radio Academy put in a formal request to have Feb 13 be established as 'World Radio Day' on September 20th 2010. On September 29 2011 the UNESCO officially proclaimed that it be established the following February. So it was that the first World Radio Day was celebrated on February 13 2012.

How to Celebrate Radio Day

Radio Day is a great opportunity to remember all those years we spent travelling with Walkman, and enjoying the best and newest music broadcast from your local radio station. Set aside your CD's and MP3 players, and remember when you discovered new music by what they played on the radio. Dig out that old boom box and drag it down to your local beach or park to reconnect to your local radio community, and remember what the world was like before whatever music we wanted was at our fingertips.

Maybe you'll find we're better for it, or maybe you'll realize that the news broadcasts kept you in touch with your community, the voice of local celebrities accompanying you and bringing a hometown feel to your morning commute, your lunchtime break, or even your road trip.

[U.S. History: Radio Fever](#)

Radio created a mass entertainment culture that could bridge the gap between those in California and those in New York. Read about the advent of radio stations, and the companies that owned them. See why the federal government had to regulate radio stations.

<http://www.ushistory.org/us/46g.asp>

[PBS: Science Odyssey: Radio Transmission](#)

PBS site explores radio transmission and provides a fun activity to go along with it. (Shockwave required) Click on links to discover more about the early years of radio, how radio waves are emitted, what the difference is between AM and PM as well as related people and discoveries.

<http://www.pbs.org/wgbh/aso/tryit/radio/>

[TryEngineering: Radio Reception and Transmission](#)

Teams of students learn about the engineering design process as they design, build, and test a radio receiver and optional transmitter that can receive FM broadcasts. Lesson focuses on how advances in radio communications have impacted society globally.

<http://tryengineering.org/lesson-plans/radio-reception-and-transmission>

Hardware/Software

A good deal: Apple offers special Pro Apps Bundle for the education market

For \$199, you can get *Final Cut Pro X*, *Logic Pro X*, *Motion 5*, *Compressor 4*, and *MainStage 3*.

Apple's iMovie and GarageBand are great apps for the general consumer to

edit video and audio recordings on a Mac. However, if you want to take your production to the next level—we're talking professional level—you need the tools found in Apple's Pro Apps: Final Cut Pro X, Logic Pro X, Motion, Compressor, and MainStage. Those apps also have prices that reflect the professional-level tools they provide (in other words, they're expensive).

But if you're a student, you're in luck. Apple announced a special software package deal for its pro apps. Called the Pro Apps Bundle for Education, you get Final Cut Pro X, Logic Pro X, Motion 5, Compressor 4, and MainStage 3 for \$200. That's a pretty good deal, considering that Final Cut Pro X is \$300, and Logic Pro X is \$200.

The Pro Apps Bundle is available through the Apple Store for Education. The deal can be purchased by college students, teachers, and school faculty and staff, as well as primary and secondary schools.

For those unfamiliar with the Pro Apps, here's a quick lowdown. Final Cut Pro X is for video editing, and Motion works with Final Cut Pro X to create 2D and 3D titles, transitions, and other graphic effects. When you're done editing, you use Compressor to create the video file for the device/media you want to use. Logic Pro X is Apple's pro-level audio editing app and mainly used for music production. MainStage turns your Mac into a rig for live audio performances.

Hints/Tips

Upside Down

In a meeting and don't want to be interrupted by a stream of notifications or unexpected Siri interruptions? The answer's simple – turn your iPhone face down and the proximity sensor will stop Siri listening (if you have Hey Siri enabled) and will also keep the screen dark to save a little battery life.

Riddles You Can Tell in Class

What letters are in visible, but never out of sight?

Answer: S and I.

How do we know that S is a scary letter?

Answer: Because it makes CREAM SCREAM.

Why should men avoid the letter A?

Answer: Because it can make men mean.

This Day in History

Birthdates which occurred on February 14:

1817 Frederick Douglass African-American abolitionist/lecturer/editor
1894 Jack Benny [Benjamin Kubelski], Waukegan IL, "Oh! Rochester!"
1902 Ray "Crash" Corrigan Milwaukee WI, cowboy (Crash Corrigan's Ranch)
1913 Jimmy Hoffa Teamsters leader who disappeared in 1975
1913 Mel Allen Birmingham AL, sportscaster (voice of the New York Yankees)
1921 Hugh Downs Akron OH, TV journalist (20/20, Concentration)
1929 Vic Morrow Bronx NY, actor (Combat, Roots, Twilight Zone the Movie)
1934 Florence Henderson Dale IN, actress/singer (Carol-Brady Bunch)
1945 Gregory Hines New York NY, actor/dancer (White Nights, Taps)
1946 Tim Buckley Washington DC, rocker (Blood, Sweat & Tears-When I Die)
1960 Jim Kelly NFL quarterback (Buffalo Bills)
1960 Meg Tilly [Margaret], Los Angeles CA, actress (Big Chill, Impulse)
1970 Elaine Youngs Orange CA, volleyball outside hitter (UCLA, Olympics-96)

On This Day:

1613 King James I's daughter Elizabeth marries Frederik
1803 Apple parer patented by Moses Coats, Downington PA
1848 James K Polk became 1st President photographed in office (Matthew Brady)
1859 Oregon admitted as 33rd state
1876 A G Bell & Elisha Gray apply separately for telephone patents; Supreme Court eventually rules Bell rightful inventor
1894 Venus is both a morning star & evening star
1899 US Congress begins using voting machines
1912 Arizona becomes 48th state
1919 United Parcel Service forms
1920 League of Women Voters forms in Chicago
1924 IBM Corporation founded by Thomas Watson
1929 St Valentine's Day Massacre in Chicago IL, 7 gangsters killed
1951 Sugar Ray Robinson defeats Jake LaMotta & takes middleweight title
1952 6th Winter Olympics games opens in Oslo, Norway
1954 Senator John Kennedy appears on "Meet the Press"
1967 Aretha Franklin records "Respect"
1971 Movie "Ben Hur" 1st shown on television
1971 Richard Nixon installs secret taping system in White House
1989 Union Carbide agrees to pay \$470 million damages for Bhopol disaster
1990 Space probe Voyager 1 takes photograph of entire solar system

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