

Welcome to *TEKTOK*
January 12, 2017

*Let your light shine....
it may be exactly what someone else needs to see.*
~Anonymous

Web Sites

[Teaching Channel: Common Core State Standards for ELA and Literacy](#)

See an introduction to the new Common Core state standards including background on the design process, key features, and major differences. Requires Adobe Flash. [14 mins, 13 secs]

<https://www.teachingchannel.org/videos/common-core-standards-ela>

[Hoagies' Gifted: Differentiating Language Arts for High Ability Learners](#)

This article outlines ways in which gifted students must be challenged in literature, writing, foreign language, and other types of language arts.

<http://web.archive.org/web/20151031180138/http://www.hoagiesgifted.org/eric/e640.html>

[Wisconsin Rtl Center: Language Resources \[PDF\]](#)

This site provides a collection of language teaching resources. Strategies are arranged in the "Vocabulary Acquisition and Use" standard and grade cluster of the ELA Common Core Curriculum Standard.

<http://www.wirticenter.com/strategiesbank/language.php>

Hardware/Software

Mac White Screen? How to Fix a White Screen on Boot

Rarely, a Mac may fail to boot and get stuck on a white screen, otherwise failing to turn on as expected. While a Mac may get stuck on a white screen at random, users will usually discover the problem after updating system software, where the Mac starts up but quickly halts on an all white display.

If you find your Mac is stuck on a white screen during boot and is not powering on as expected, read on to troubleshooting and learn how you might be able to fix this issue.

To be clear, what we're describing here is a Mac that is stuck on an all white screen with no logos, no progress bar, nothing, it's just a blank white display. There are various potential causes for a white screen to appear on a Mac during startup, so we're going to cover a wide range of troubleshooting tips that may resolve the issue. Not all steps may be required to resolve the problem, you may be able to simply reboot into Safe Mode and reset NVRAM and fix the white screen issue, for example.

Reboot into Safe Mode

This is quite easy; simply reboot into Safe Mode on the Mac with a properly timed shift key press.

Reboot the Mac as usual, then immediately hold down the SHIFT key, release the SHIFT key when you see the  Apple logo and progress bar. Attempting a Safe Boot is easy and it can remedy some simple issues with a Mac getting stuck on a white screen during boot. If the Mac works fine in safe mode, try rebooting again as usual (without holding down Shift) and see if it works as usual, it just might.

Reset NVRAM

Often simply resetting NVRAM / PRAM is sufficient to remedy a white screen Mac issue:

Reboot the Mac, the moment you hear the boot chime, hold down the Command+Option+P+R keys concurrently, when you hear a second boot chime you can release the keys, the NVRAM has been reset. After NVRAM has been successfully reset, go ahead and let the Mac boot as usual. At this point it should no longer get stuck on a white screen.

Reset SMC

Since the white screen problem seems to occur mostly on portable Macs, we'll focus on resetting SMC on modern MacBook Pro, MacBook, MacBook Air models:

Shut down the computer and connect it to your MagSafe adapter and a wall outlet as usual

Hold down the Shift+Control+Option+Power button at the same time for a few seconds, then release all keys concurrently

Boot the Mac as usual

Reboot and Repair Disk

If possible, try to repair the boot disk through Disk Utility by entering into Recovery Mode:

Reboot the Mac and hold down Command+R to boot into Recovery Mode

Choose “Disk Utility” from the list of options at the Utilities screen. Select the hard drive and then go to the “First Aid” tab and choose to run First Aid and repair the drive.

If the drive is showing many errors, particularly errors that can't be repaired, you may have an underlying issue or drive failure impending. If that's the case, be sure you backup your data from the Mac, and then consider using Apple Hardware Test to diagnose any issues. Often replacing a hard disk is in order, some users are comfortable doing it themselves otherwise you might want to contact an Apple Support center for official assistance in replacing the drive or diagnosing whatever other system issue persists.

Boot with Verbose Mode

This won't doesn't make a lot of sense, but it sometimes works: boot into Verbose Mode. Keeping in mind that all Verbose Mode does is detail what's going on during system boot, similar to watching a linux machine start up, it's not entirely sure why this works but there are multiple reports on Apple Discussion Forums that it does.

- Reboot the Mac as usual, then immediately hold down COMMAND + V keys

Again, it's not entirely clear why this works, perhaps it's just the general act of rebooting yet again as verbose mode shouldn't really do anything different aside from appearances, but nonetheless it does seem to sometimes work to bypass a stuck white screen on some Macs.

Reinstall Mac OS

If the other approaches are failing, you may need to reinstall Mac OS system software. You should always backup your Mac before doing this. Aside from having a proper backup, reinstalling Mac OS or Mac OS X is fairly straight forward.

White Screen with Flashing Question Mark Folder?

If you're seeing a white screen with a flashing question mark folder, your Mac can't find the startup disk to boot from.

This can sometimes be remedied by choosing the boot drive during system start (hold down OPTION key during startup and choose Macintosh HD from the list), but if that doesn't work this is often indicator of the hard disk failing, and you should try to replace it as soon as possible. Backup your data ASAP.

A failing hard drive is not terribly unusual in the computing world, and I

have personally seen a variety of weird errors when a MacBook Air SSD was failing, including booting to a white screen, getting stuck on a black screen, the question mark on boot, the folder icon on boot, intermixed with occasional successful boots, all of which was remedied by replacing the SSD in MacBook Air, but the same idea could apply to a MacBook, MacBook Pro, iMac, Mac Pro, or Mac Mini too. Replacing a drive is a technical process but it's usually not too difficult, nonetheless many less technical users may prefer to have an official support or repair center perform the task for them.

Hints/Tips

Enable Highest Quality Music Streaming Over Cellular on iPhone

The music app icon for iOS Audiophiles who want to listen to the highest quality audio streaming from Apple Music and iTunes Radio from the Music app when on the go can enable an optional high quality streaming option in iOS Music settings. While this improves the sound quality and bitrate of the songs you listen to over cellular connections, the obvious downside is that Music streaming will use more cellular data, so this is a feature perhaps best limited to iPhone users with unlimited data plans, or those who don't care about their cellular phone bill for whatever reason.

This works for streaming the highest possible quality music from Apple Music, iTunes Radio, iTunes Match, and any songs from an iTunes iCloud library.

Enabling High Quality Mobile Music on iPhone

1. Open the Settings app on iPhone and go to "Music"
2. Scroll down to "Cellular Data" and toggle the switch for "High Quality Streaming" to the ON position (you may need to enable "Use Cellular Data" as well if you turned it off at some point)
3. Return to the Music app and stream a station or song as usual, the highest quality audio will now play rather than a compressed bitrate (Note that modern versions of iOS will label this as "High Quality Streaming" and older versions as "High Quality on Cellular")

Again, only enable this if you either have an abundance of cellular data, or if you feel like shuffling over more money to your cellular data provider for consuming more than your cellular data allotment. This absolutely will use more cellular data, how much more depends on the songs and how much music you stream.

Aside from the increased cellular data usage, the sound quality is notably

better, particularly if you have a great sound system in a car or elsewhere to really take advantage to the higher bitrate music stream. The quality of the speakers definitely matters as well, because many users may not even notice the difference on lower end stereo systems. And if you're listening to the music stream on a little Bluetooth speaker set or average car speakers, you're probably wasting bandwidth, as the difference in audio quality will likely not be noticeable.

If you don't mind the extra bandwidth usage or have unlimited data, you'll want to be sure that LTE is not disabled for best results.

Riddles You Can Tell in Class

1 - What do you get when you cross an automobile with a household animal?

2 - What word becomes a palindrome when viewed upside down and backwards?

3 - What word, when written in capital letters, is the same forwards, backwards and upside down?

1 - A carpet.

2 - SWIMS

3- NOON

This Day in History

Birthdates which occurred on January 13:

1381 St Colette abbess/reformer (Poor Clares)

1919 Army Archerd Hollywood columnist/TV host (Movie Game)

1919 Robert Stack Los Angeles CA, actor (Eliot Ness–Untouchables, Airplane, Unsolved Mysteries)

1925 Gwen Verdon Louisiana, actress/singer/dancer (Cotton Club, Sweet Charity)

1934 Rip Taylor comedian (Gong Show, \$1.98 Beauty Show)

1938 Billy Gray Los Angeles CA, actor (Bud–Father Knows Best)

1961 Julia Louis–Dreyfus New York City NY, comedienne (SNL, Seinfeld, Day by Day, Soul Man, Troll)

1961 Kelly Hrudey Edmonton, NHL goalie (Los Angeles Kings)

1964 Penelope Ann Miller Los Angeles CA, actress (Kindergarten Cop, Gwen–Popcorn Kids)

1966 Tabitha Stevens fictional character (Bewitched)

On This Day:

1099 Crusaders set fire to Mara Syria
1559 Elizabeth I crowned queen of England in Westminster Abbey
1610 Galileo Galilei discovers Callisto, 4th satellite of Jupiter
1695 Jonathan Swift ordained an Anglican priest in Ireland
1794 Congress changes US flag to 15 stars & 15 stripes
1888 National Geographic Society founded (Washington DC)
1927 US & Mexico battle over oil interests
1930 "Mickey Mouse" comic strip 1st appears
1942 German U-boats begin harassing shipping on US east coast
1942 Henry Ford patents a method of constructing plastic auto bodies
1943 Hitler declares "Total War"
1948 1st country music TV show, *Midwestern Hayride*, premieres on WLW Cincinnati OH
1957 Wham-O Company produces the 1st Frisbee
1962 Wilt Chamberlain of Philadelphia Warriors scores NBA-record 73 points vs Chicago
1964 Karol Wojtyla becomes archbishop of Krakow
1966 1st black selected for Presidential cabinet (LBJ selects Robert C Weaver-HUD)
1968 Beginning of Tet-offensive in Vietnam
1979 YMCA files libel suit against Village People's YMCA song
1982 Hank Aaron & Frank Robinson elected to Hall of Fame
1988 Supreme Court rules (5-3) public school officials have broad powers to censor school newspapers, plays & other expressive activities
1988 Los Angeles Dodger/San Diego Padre Steve Garvey retires
1989 Computers across Britain hit by "Friday the 13th" virus
1990 1st elected US black governor inaugurated (Douglas Wilder-Virginia)
1994 Tonya Harding's bodyguard, Shawn Eric Eckardt & Derrick Brian Smith arrested & charged with conspiracy in attack of skater Nancy Kerrigan

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