

Welcome to *TEKTOK*  
March 9, 2017

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*Education is not the filling of a pail, but the lighting of a fire.*  
– William Butler Yeats

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## Web Sites

### World Kidney Day

The Second Thursday of March

Created in 2006 as a joint initiative between the International Society of Nephrology and the International Federation of Kidney Foundations, World Kidney Day is designed as a health awareness campaign. At present, the date is observed in close to 100 countries around the world.

World Kidney Day aims to raise awareness of kidney-related diseases and of the overall importance of our kidneys to our health. It also tries to highlight preventative measures, in an attempt to reduce the frequency and impact of kidney disease and related health problems, on a global scale.

If it is detected early enough, Chronic Kidney Disease is treatable. However, CKD is becoming increasingly prevalent around the world. In addition to educating the public, World Kidney Day is designed to teach or remind medical professionals of the important role they can play in detecting problems and aims to encourage more systematic screening of patients with diabetes.

### [KidsHealth: Kidneys and Urinary Tract](http://kidshealth.org/en/teens/kidneys.html)

Watch this video to get an entertaining overview of the urinary system.

<http://kidshealth.org/en/teens/kidneys.html>

### [TED Ed: How Do Your Kidneys Work?](http://ed.ted.com/lessons/how-do-your-kidneys-work-emma-bryce)

After drinking a few glasses of water on a hot day, you might be struck with a sudden ... urge. Behind that feeling are two bean-shaped organs that work as fine-tuned internal sensors. This video describes how the incredible kidneys balance the amount of fluid in your body, detect waste in your blood, and know when to release the vitamins, minerals, and hormones you need to stay alive. [3:55]

<http://ed.ted.com/lessons/how-do-your-kidneys-work-emma-bryce>

### [Kimball's Biology Pages: The Kidneys](#)

An online biology textbook on the structure and function of the kidneys. Full of labeled, color diagrams for better understanding.

## Hardware/Software

### How to Use iPhone Magnifier Camera

The latest versions of iOS for iPhone include an excellent Magnifier feature which can turn the iPhone camera and screen into a magnifying glass. This has many potential uses, but perhaps the most useful in day-to-day life is as a reading aid to read tiny text without squinting and straining your eyes. Instead, you can quickly access the iPhone camera magnifier to zoom into and clarify what you are looking at, just like a real magnifying glass.

The iPhone Magnifier ability must be enabled before it can be used, and then it's easily to access from anywhere. There are even various adjustments that can be made to the magnifier once it has been accessed, including to zoom level, brightness, contrast, and different color filters as well.

Magnifier on iPhone requires a modern version of iOS, the iPhone must be on iOS 10.0 or newer to have the feature available. Update the iOS version if you wish to have the feature and currently don't.

### How to Enable iPhone Magnifier Camera

Before you can use Magnifier it must be enabled in settings:

1. Open the "Settings" app on iPhone and go to "General" and then to "Accessibility"
2. Tap on "Magnifier" and then toggle the switch next to "Magnifier" to the ON position
3. Exit out of Settings
4. To access the iPhone magnifying lens, triple-click the Home button
5. Tap the camera button to freeze the screen on the magnified item

Now that Magnifier is enabled, you can access it from the Locked screen of iPhone, the Home Screen, or anywhere else with the triple-click on the Home button.

### Using the iPhone Magnifying Camera Lens

After you have enabled the iPhone Magnifier feature, you can use it anytime easily:

1. Access the iPhone magnifier by triple-clicking the Home button
2. Adjust the zoom level on Magnifier with the slider as necessary
3. Optionally, adjust the Magnifier filters:
  - Brightness - increase or decrease brightness of the magnifier camera

- Contrast – increase or decrease the contrast of the magnifier
  - None – no color filter
  - White / Blue – filter colors to whites and blues
  - Yellow / Blue – filter colors to yellow and blue
  - Yellow / Black – filter colors to yellow and black
  - Red / Black – filter colors to red and black
  - Invert – invert colors, or invert/reverse filter colors
4. Tap the round camera button to freeze the magnifier screen on the subject, tap again to discard and start over
  5. Exit iPhone Magnifier by pressing the Home button again

Note the iPhone Magnifier is completely different from the photography related features of iPhone camera, as it's not intended to take pictures with. When you tap the camera button it does not actually save the picture, it just freezes the magnified item on the screen so that you can focus on it, read it, zoom, pan, or adjust was needed. This feature is available on all modern iPhone devices, and while the Plus models can use the same 2x optical zoom camera lens all iPhone with the Magnifier feature enabled can use digital zoom to magnify subjects further, just like you can zoom with the regular iPhone camera.

This is a really great iPhone feature, particularly if you wear corrective lenses or you're human and have a hard time reading micro fonts that too often are printed on anything from packaging to labels. If you enjoy the iPhone magnifier tip, don't forget to show it to friends and relatives too, they'll likely appreciate it just the same!

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## Hints/Tips

### Move Fast

I'm sure you know that you can drag-&-drop files between locations on your Mac, and that you can use Command-C and Command-V to copy files and then paste them elsewhere. The trouble with the first approach is that it can be a little fiddly dragging files from place to place; while the problem with approach two is that you end up with multiple copies of whatever it is you are trying to move, the original and the one in the new place — unless you use this tip: When pasting a copied file to its new location use Option-Command-V to paste it. The file will be pasted to its new location and the original will disappear.

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## Riddles You Can Tell in Class

***1 – Why did the Amish couple get divorced?***

**2 – Where did Noah keep the bees?**

**3 – Did you hear about the hold-up in the yard?**

1 – He was driving her buggy.

2 – In the archives.

3 – Two clothespins held up a pair of pants.

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## **This Day in History**

### ***Birthdates which occurred on March 10:***

1538 Thomas Howard Duke of Norfolk; executed by Queen Elizabeth (1572)

1891 Sam Jaffe New York NY, actor (Gunga Din, Dr Zorba–Ben Casey)

1908 Carl Albert US speaker of house (1971–77)

1916 James Herriot Scotland, writer (All Creatures Great & Small)

1918 Heywood Hale Broun journalist

1920 Jethro Burns country singer (Homer & Jethro)

1923 Ara Parseghian football coach (Northwestern, Notre Dame)

1935 Gary Owens announcer (Laugh–in)

1940 Chuck [Carlos Ray] Norris Ryan OK, martial arts actor (Walker Texas Ranger, Missing in Action)

1940 Dean Torrence Los Angeles CA, surf music singer (Jan & Dean–Little Old Lady from Pasadena)

1961 Mitch Gaylord Van Nuys CA, gymnast (Olympics 1984)/actor (American Anthem)

1977 Shannon Miller Rolla MO, gymnast (Olympics–2 gold/2 silver/3 bronze–92, 96)

### ***On this day...***

1624 England declares war on Spain

1681 English Quaker William Penn receives charter from Charles II, making him sole proprietor of colonial American territory Pennsylvania

1849 Abraham Lincoln applies for a patent; only US President to do so

1864 Grant is named commander of the Union armies

1893 New Mexico State University cancels its 1st graduation ceremony, its only graduate Sam Steele was robbed & killed the night before

1933 Major earthquake in Long Beach CA

1941 Larry MacPhail, Dodger GM predicts all players will wear batting helmets

1969 James Earl Ray pleads guilty in murder of Martin Luther King Jr

1971 Senate approves amendment lowering voting age to 18

1980 Willard Scott becomes the weather forecaster on the Today Show

1982 President Reagan proclaims economic sanctions against Libya

1983 Walter Alston, Dodgers manager, elected to Hall of Fame

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## Doug Yonce

Apple Distinguished Educator

Apple Teacher – 2016

STAR Discovery Educator

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