

Crier

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Don't Set Your iPhone's Date to January 1, 1970

By: Danny Dalton



By now, you've probably come across the infamous post that says to reset your iPhone's date to January 1, 1970. Shown on the right, the hoax claims that it will show a retro boot logo when you turn your iPhone on. Instead, people have done this, and, for those with an iPhone 5s or newer, it ended up crashing their phone on boot, leaving them with the options of either letting their battery drain completely (which is slow), disconnecting the battery manually (which is hard), finding an Apple Store (which is a

drive), or getting a new phone (which is expensive).

As a computer science major and an iPhone game developer, I asked myself, "Why does this crash happen?" It turns out, that date has some significance. In UNIX systems, back when computers could still use tape drives, people decided time was to be measured as an integer representing the amount of seconds since midnight on that day. Some systems could support negative time. Since that date, and, since some developers made the assumption that time only goes forward, they decided not to support negative time.

Why would that affect iPhones? It turns out, Apple's Mac OS X is a modernized UNIX system, and so is Apple's iOS. iOS might have to calculate time dif-

ferences for many reasons, one of them being the amount of time since you have received a text, so it can say it was 2 minutes ago since they sent it. On a 32-bit iPhone, such as the iPhone 5c, having a text that came in before January 1, 1970 will cause it to wrap around and start subtracting from $2^{32} - 1$ seconds since that date, or sometime in the year 2106. The year's still a nice, four-digit number, so it won't break those phones. However, on the newer, 64-bit phones, it will start subtracting from $2^{64} - 1$ seconds, or sometime 500 billion years into the future. Since nobody expects to see 500 billion years into the future, especially on a phone that's only expected to last ten years at its maximum, it simply crashes during boot.

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Channeling History: The History of Black History Month

By: The History Club

Carter G. Woodson, Heard of him? Probably not but don't feel bad. I guarantee about 80% of people wouldn't know who he is either. But when you talk about African American history, it'd be a shame if you skipped over the man responsible for this ever emergently controversial Black History Month. The last couple of years have seen more and more African American celebrities speaking out in disdain of the aforementioned holiday but that's another story for another day. For now we'll go back to Chicago, Illinois in 1915. A young Carter G. Woodson, just three years after being the second black man to get his Ph.D., travelled to Washington D.C. to celebrate the fifteenth anniversary of the emancipation. Inspired by the celebration he, along with A.L. Jackson and 3 others, founded the Association for the Study of African American Life and History, so they could teach young black people about the history that was taught to them. In 1924, he and his fellow Omega Psi Phi brothers took up work and created a group to acknowledge and promote achievements and named it Negro History and Literature Week, which was later, renamed Negro Achievement Week. But the pinnacle came in 1925 when he and the associated press collaborated to create Negro History Week for a week in February, choosing the month in collaboration with the Great Emancipator Abraham Lincoln (Feb. 12) and one of the greatest African American pioneers, Fredrick Douglass, birthday's respectively (Fredrick Douglass's birthday was never truly know due to him being a slave early in life, but it is chosen to be celebrated on Feb. 14) More importantly, he chose

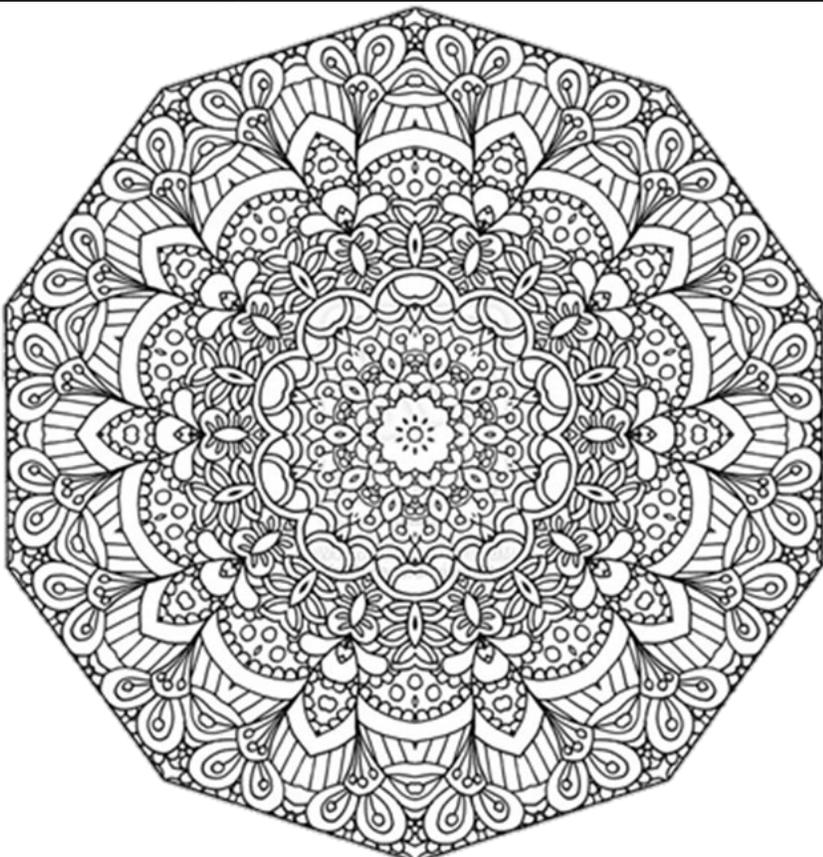
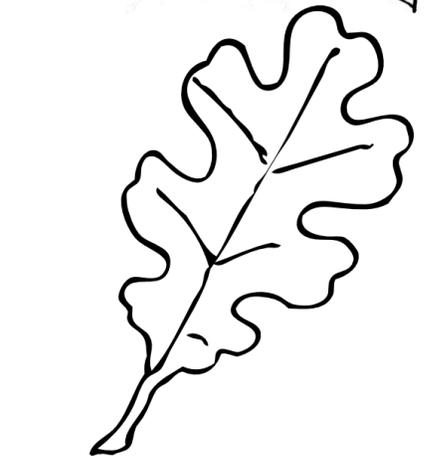
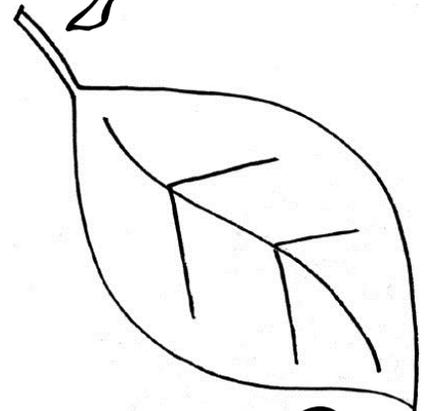
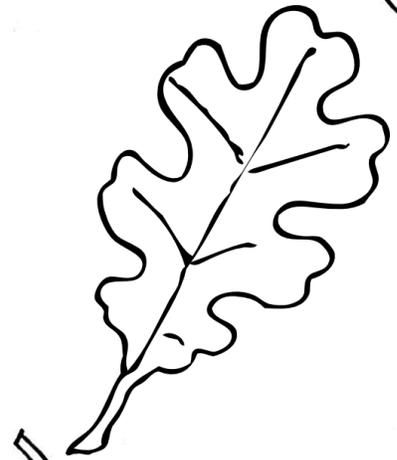
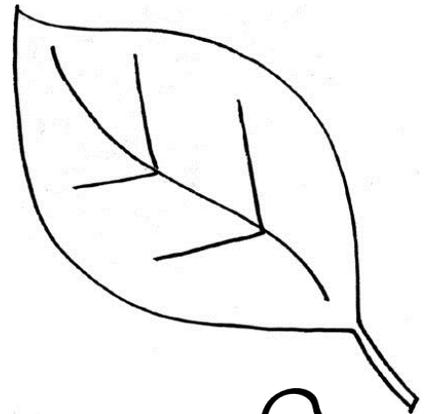
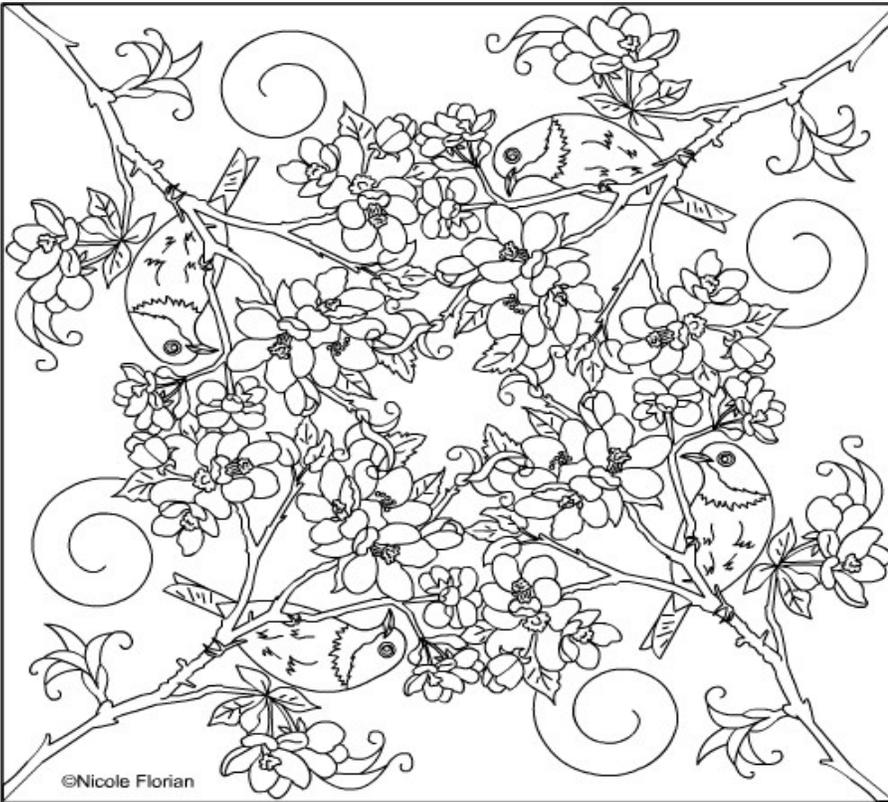


them for reasons of tradition. Since Lincoln's assassination in 1865, the black community, along with other Republicans, had been celebrating the fallen President's birthday. And since the late 1890s, black communities across the country had been celebrating Douglass'. Well aware of the pre-existing celebrations, Woodson built Negro History Week around traditional days of commemorating the black past. The event inspired schools and communities nationwide to organize local celebrations, establish history clubs, and host performances and lectures. It's crazy how a small group of young African Americans established a week in the 1920's for a group of people who have and will continue to be oppressed well into the 1970's. In fact, Woodson was overwhelmed with the response to Negro History week. It spread through schools nationwide. And in the 1940's West Virginia began celebrating February as Negro History Month. Then by the late 1960's Negro History Week was replaced with Black History Month rapidly due to African American students enjoying learning about their roots to Africa. In 1976, it was established as a full month. Young African American students continue to learn about their ancestry and the pioneers who paved the way for all young blacks to be established in a society that just 100 years earlier they would've never have dreamed of.

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Coloring Page!

By: Crier Staff

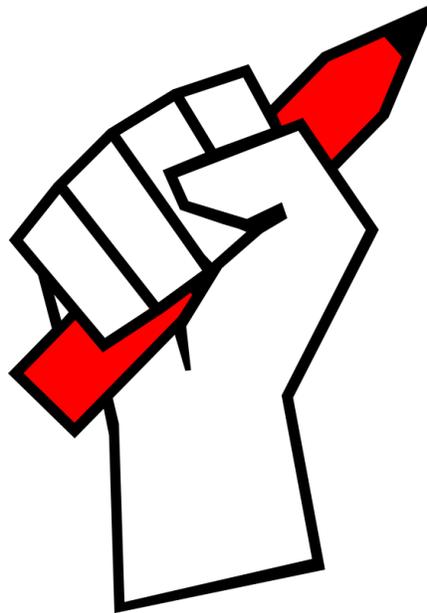


Don't Go Down: Words of Motivation

By: Christian Lopez

Fellow students of Corning Community College midterms, more projects, and tests are upon us. We have finished our first break of the spring semester and most of us are still in break mode, have to raise our families, or work right after class possibly through the night. Thank you for keeping the Hash Slinging Slasher away from us. Anyway, I know it is hard for many of you to deal with living your life and going to class, but I'll tell you with experience, "Don't go down."

Don't go down because you have to raise your family on your own and go to class at the same time. Don't go down because you have to work the dreaded graveyard shift and go to class at eight in the morning. Don't go down because you think class is too hard. Get up because you can prove that you're part of the next generation to make a change in the world. Prove to others that you are strong willed to take care of your sick relative, go to class early in the morning and after class, go home and study, do, and do that on repeat. If you do the same thing, I understand because I do the same thing. Just Rocky Balboa said, "Let me tell you something you already know. The world ain't all sunshine and rainbows. It's a very mean and nasty place, and I don't care how tough you are, it will beat you to your knees and keep you there permanently if you let it. You, me, or nobody is gonna hit as hard as life. But it ain't about how hard ya hit. It's about how hard you can get hit and keep moving forward. How much you can take and keep moving forward. That's how winning is done!" People of Corning Community College: release your inner Rocky, blast the theme song loudly to get you motivated to get through the hardship of life! I know it's hard work, but if you work for it, I know you can do it. Now kick some midterm butt, knock out those tests, and give an uppercut to the thoughts of going down! Let's stand up together and not only make a change for yourself this semester, but make a change for the world.



A Black History with Non-Violence

By: Anonymous

As we continue on through this month of February, Black History Month, sooner or later we will all think upon Dr. Martin Luther King, Jr. and the Civil Rights Movement. If you have never seen any of the documentaries about the movement, I would suggest 'Eyes on the Prize', a documentary series that features people such as Coretta Scott King, the wife of Dr. King, and Rosa Parks. The movement they were a part of, and galvanized, was so successful in demolishing a seemingly indestructible system of oppression and hate, that the imagination is almost baffled by it. It was fueled and ruled by the precepts of Nonviolence. Non-violence is the use of peaceful means, not force, to bring about political or social change. It engages in sit-ins, rallies, protests, boycotts, marches, strikes, lobbying, and lawsuits. It is also a method that many in the past, as well as today, deeply disagree with. Many feel that violence is the only solution, or at least the main solution, to dissuading personal harm, societal evils, or corruptions of various kinds. Dr. King was not one of these people. He had read of the successful non-violent protests of India, and was a Christian pastor, and thus was exposed to the non-violent teachings of Jesus Christ. Using this awareness, Dr. King was able to mobilize the African-American communities throughout the South via this method, through the avenue of Christian faith and love. It was a faith system which pervaded the South, which to this day is dominated by Christian-Americans. This unifying Christian faith taught love of one's enemy, non-violent resistance to hate and oppression and violence, and to do good to those who harmed you. It is very difficult to live by, and very often few Christians do. However, Dr. King and others were able to tap into this reservoir of faith, inspire people to live out what they said they believed, and to utilize this way of protestation and lifestyle to starkly contrast the violent, unjust actions of white oppression with the loving, but strongly resistant actions of black protestation. They were able to garner the support, and votes, of the North, and eventually the nation, through first sympathy, then inspiration.

We've all heard of this in high school, even earlier maybe, but how does it relate to today? It relates, because non-violent protest remains the most effective system of destroying unjust practices and establishments, and replacing them with justice and peace. Often throughout our history we have been at war with someone. Indeed throughout the history of the world, war remains one of the tragic constants. However, when war is engaged, or when personal violence is met with violence, what is the result? Sometimes, though it is rare, peace ensues. War ceases, violence tapers off, and men and women begin to live together peaceably, caring communally for one another again. However, most of the time this is not the case. It is very difficult to live and care for someone killed, someone you loved, regardless of the circumstances. Wars or personal violence normally only seem to encourage the response of more violence in turn, to get justice, to get even, or even to simply forcibly stop the harm. If the Civil Rights Movement was remembered as a time of violent upheaval in the South, where African-Americans used their God-given right to defend themselves and destroy those who sought to oppress them or harm them, would it have been successful? Would they have inspired as much as they did? Or would it simply have tapered off or been suppressed? Would they be the heroes we look up to today, or would we judge them and brush them off? I doubt we would have such

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a unanimous sympathy towards them if they harmed people. Often we see that when we relinquish control, when we give up our rights and focus on helping others, even those who harm us, that we gain freedom. A freedom that cannot be gained, or grasped, by clutching onto our rights. Violence never stops at just the two individuals involved. It always affects everyone in relationship with the two people. And it affects them negatively, creating anger, fear, resentment. Violence never inspired someone to love, or to forgive, or to create, or to build. Violence has only ever inspired more violence, through hate, bitterness, destruction, and anger. Only love and forgiveness create peace, and mend broken relationships, broken peoples, and broken systems. Only through love and forgiveness was the Civil Rights Movement successful. Only non-violence do we have a Black History month at all. Only through love and forgiveness does the very thought of Martin Luther King, Jr. inspire us without fail, without exception.

We all wish we were more like him. I believe it's because we all wish we could love and forgive courageously like he did. He, as well as many others before and after, have shown us that only through Non-violence is a lasting peace created. During this Black History Month, may we all strive to have the courage to turn the other cheek when insulted or harmed, like those black men who were beaten, lynched, or torn at by dogs by white policemen just for sitting at white lunch counter. During this month, may we all choose to share the love that Dr. King so embodied, a love that he always strived to live out, a love that he hoped was Christ-like.

Riddles!

By: Crier Staff

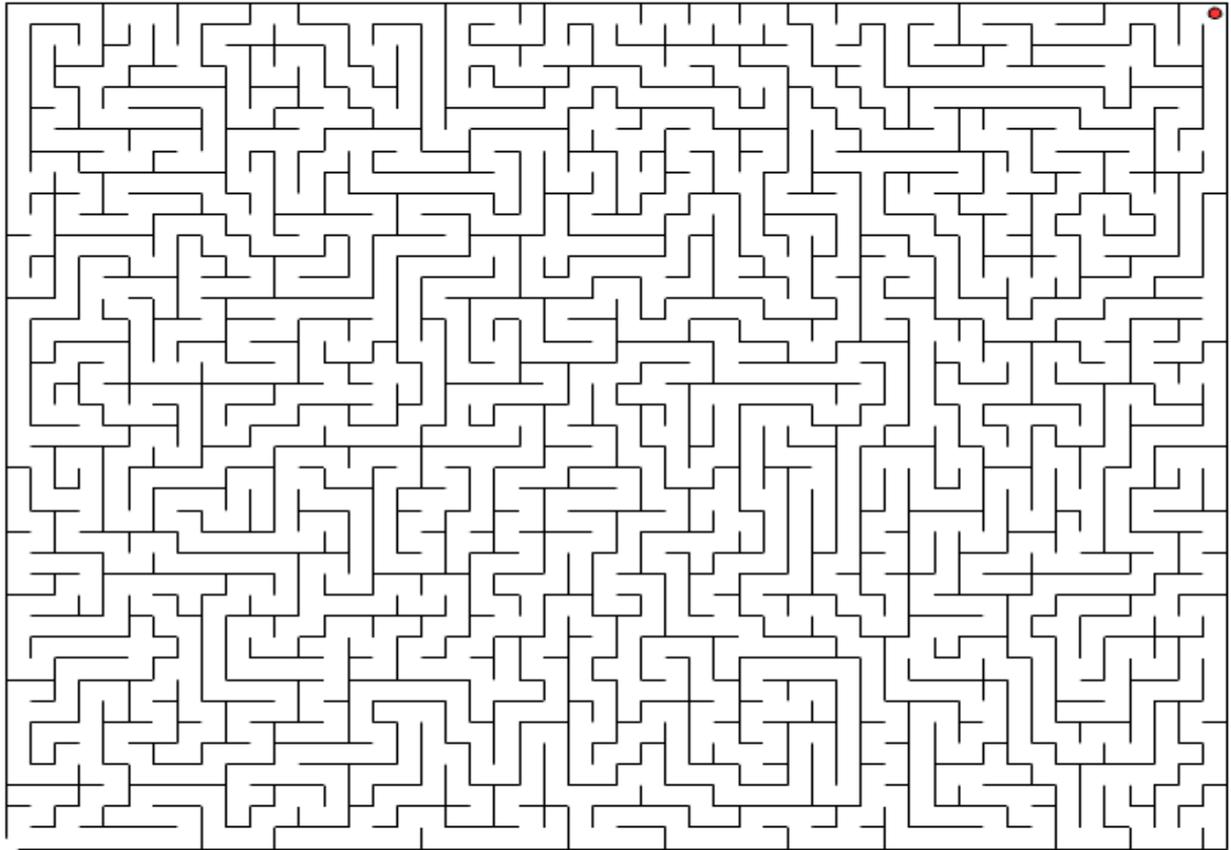
You are running in a road race. If you overtake the person who is #2 in the race, what position will you be in?

What is once in a minute, twice in a moment, but never in a second?

My full brother and I were born in the same hour of the same day of the same year to the same biological mother and have the same biological father, but we are not twins. Why?



Activity Page!



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- \$10 per published article
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Sudoku!

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Directions:

The object is to place the numbers 1 to 9 in the empty squares so that each row, each column and each 3x3 box contains the same number only once.

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