Provided by Diane Whitbey, City Clerk and Treasurer

**Surveys**...did you ever give them much thought? Probably not unless you were buying some land or putting a fence up on your neighbors property. A recent discussion with City Planning Department Director Shawn Spencer revealed an interesting history of the topic. We hope you enjoy the information Shawn shared found at ngs.noaa.gov/LewisAndClark/Information.html. This also a wonderful history lesson!

### Jefferson: The Beginning

As the son of an active surveyor, Thomas Jefferson was exposed to the world of mapping and charting at an early age. Although Jefferson chose law as his profession, in 1773 he briefly considered a career as a surveyor. He was commissioned as the Albemarle County, Virginia, surveyor on October 14, 1773, but did not enter a complete survey into the books during his time of appointment. Even though Jefferson decided to go into law and then into politics, he realized the importance of surveying throughout his life, recognizing that a nation could not be newly built without an accurate system of reference points.

Jefferson's desire to improve the land and the life of its inhabitants further fueled his aspirations for discovery and exploration. Jefferson saw an integral relationship between man and the earth, believing that the land was given to man to civilize and cultivate. In correspondence to James Madison, dated October 28, 1785, Jefferson writes "It is not too soon to provide by every possible means that as few as possible shall be without a little portion of land. The small landholders are the most precious part of a state." Jefferson made this philosophy become reality through the order and consistency of surveying. He proposed a methodical plan to distribute equal amounts of land in the Northwest Territory, where disputes and confusion over land possession were common.

#### Sending Lewis and Clark on the Trail

Even before becoming president in 1801, Jefferson had dreamed of probing the uncharted West for many years. He was involved in several expeditions sent to find a water passage to the west coast of North America, but they were unsuccessful. Yet, these attempts gave Jefferson experience in exploration, providing a basis for his future pursuits of mapping unknown land. Jefferson's presidency gave him the necessary resources to seriously consider exploration of the West. In his first 1801 inaugural address, he saw "A rising nation, spread over a wide and fruitful land, advancing rapidly to destinies beyond the reach of mortal eye." Less than two years later, on January 18, 1803, Jefferson followed through with his vision, requesting \$2,500 from Congress for the Corps of Discovery, which became known as the Lewis and Clark expedition.

In May 1804, as Lewis and Clark were about to move west along the Missouri River, Jefferson wrote, "We shall delineate with correctness the great arteries of this great country: those who come after us will fill up the canvas we begin." While Jefferson directed Lewis and Clark to gather

information about the people, animals, and plants of the West, one of his main objectives was to chart the territory, hoping to find a waterway to the Pacific Ocean. In his instructions to Meriwether Lewis, Jefferson writes,

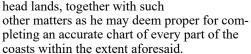
"Beginning at the mouth of the Missouri, you will take observations of latitude and longitude at all remarkable points on the river, & especially at the mouths of rivers, at rapids, at islands & other places & objects distinguished by such natural marks & characters of a durable kind, as that they may with certainty be recognized hereafter."

### The Survey of the Coast

After the success of the Corps of Discovery expedition, Jefferson desired to survey the Eastern coast of America, because shipwrecks commonly occurred. With a clear delineation of the coastline, many products and ships could be saved, expanding commerce and industry. An act was passed by Congress on February 10, 1807, authorizing Jefferson to establish an organization to survey the coasts of the United States.

Be it enacted by the Senate and the House of

Representatives of the United States of America in Congress assembled, That the President of the United States shall be, and he is hereby authorized and requested, to cause a survey to be taken of the coasts of the United States, in which shall be designated the islands and shoals, with the roads or places of anchorage, within twenty leagues of any part of the shores of the United States; and also the respective courses and distances between the principal capes, or



After analyzing the ideas of several surveyors, Jefferson chose Swiss-born Ferdinand Hassler to become the Superintendent of the new bureau, called the Survey of the Coast and directed by the Treasury Department.

In 1878, the agency was reorganized and given a new name, the Coast and Geodetic Survey (C&GS), which it maintained until 1970. The name C&GS acknowledged the importance of geodesy, the science concerned with measuring the size and shape of the earth, to surveying. In 1970, a reorganization created the National Oceanic and Atmospheric Administration (NOAA), and the National Ocean Service (NOS) was created as a line office of NOAA. Part of C&GS became the National Geodetic Survey, which is currently responsible for evolving and maintaining the National Spatial Reference System (NSRS).

Continued on page 9...



North Little Rock
Animal Services
For more information
call 501-791-8577

This isn't your typical Animal Services message, but after a family outing at a pond, it seemed like one to share!

### **Small Pond Fishing Tips**

Found at fix.com/blog/pond-fishing-tips/



You don't have to face the open sea in order to have a fun and successful fishing trip. There is a great variety of underwater life swimming around in your local pond! Sunfish, Bass, Crappie, and Catfish are

just a few of the commonly found fish residing in your local fishing hole. Pond fish are homebodies. They like to dwell around structures like fallen logs and submerged stumps, which provide them with shelter and protection. Keep close to the dock; you'll likely find a school or two calling it their home.

You need to adjust your gear for pond fishing. Although tall rods work well for large bodies of water, when in the pond you should avoid using anything longer than six feet. Your best bet for success is using a fast action, medium-light rod with a spinning reel.

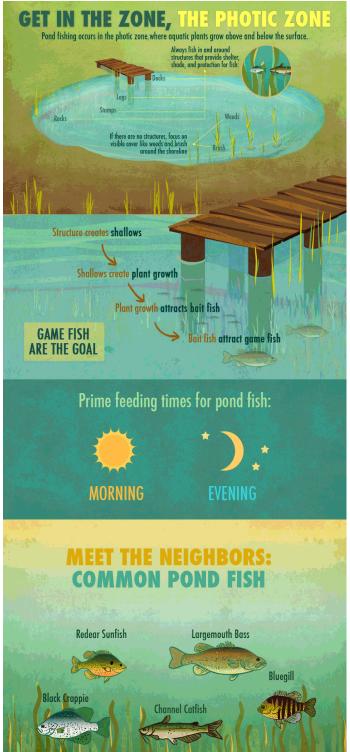
Pond fish are known for their siestas; you won't have much luck catching them during the heat of the afternoon. Aim for an early morning or evening casting time, when the fish are most active. You also need to make sure you're courting them with what they want. Pond fish are attracted to sink worms, jigs, and shallow crankbaits.

If you know your pond is full of catfish remember to add catfish-specific bait to your tackle box!

Just because the pond is small, doesn't mean the fishing results can't be huge. Follow our guide for small-pond fishing success and get your beer-batter ready, because tonight you'll be having a fish fry!

Be like Opie, Andy and Aunt Bee, a fishing outing can be good family fun!







Need a new addition to your family?
Call 501-791-8577
...we've got the perfect compan-

Our shelter is full of dogs, cats, puppies and kittens in need of a forever home. Please consider adopting a shelter pet for your next pet.

Please Don't Litter
Spay or Neuter
Your Critter



Support spaying and neutering in Arkansas by getting your own Arkansas Specialty *Please Spay or Neuter* License Plate at any State Revenue Office.



### North Little Rock Fire Department

### Before you dig...call 811



Found at call811.com/Before-You-Dig



Know what's **below. Call** before you dig.

Have you ever had your internet or cable off because of a cut underground cable? If you have, then you may already know whey it is important for contractors AND residents to call 811 before they dig.

### So what is 811?

811 is the national call-before-you-dig phone number. Anyone who plans to dig should call 811 or go to their state 811 center's website a few business days before digging to request that the approximate location of buried utilities be marked with paint or flags so that you don't unintentionally dig into an underground utility line.

811 protects you and your community! Hitting a buried line while digging can disrupt utility service, cost money to repair, or cause serious injury or death. Always contact your 811 center, wait the required time for utilities to respond to your request, and ensure that all utilities have responded to your request before putting a shovel in the ground.

### Do I need to contact 811?

Yes! Any digging requires contacting your 811 center, either by calling 811 from anywhere in the U.S. or making your request through your state 811 center's website. Planting a garden? Installing a fence or mailbox? You must contact 811.

When you dial 811, you will automatically be connected to a representative from your state's 811 center who will ask you simple questions about the location and details of your digging project. If you make your request online, you will enter the same information into a form. Either way, you will receive a ticket number and instructions for how much time utilities have to respond to your request, as well as how to confirm that all utilities have responded before you can safely dig.

When can I begin my digging project?

Wait for the marks! Utilities will mark their buried lines on your dig site.

State laws vary, but generally, utility companies have a few days to re-



spond to your request. Utilities will send out locators who will come to your dig site to mark the approximate location of buried utilities with paint or flags so that you can avoid them. Each utility type corresponds to a specific color of paint or a flag -- for example, gas lines are marked with yellow paint or flags. In addition to waiting for marks, you must use the info on your ticket to confirm that ALL utilities have responded before you can dig.

#### What's next?

You called before digging, waited for your lines to be marked, confirmed that all utilities responded to your request, and now it's time to roll up your sleeves and get to work! Make sure to always dig carefully around the marks, not on them. Some utility lines may be buried at a shallow depth, and an unintended shovel thrust can bring you right back to square one -- facing potentially dangerous and/or costly consequences. Don't forget that erosion or root structure growth may shift the locations of your utility lines, so remember to call again each time you are planning a digging job. Continued on page 7...



Mayor Terry C. Hartwick holds a monthly department head meeting. Department heads provide a report of activities, projects and accomplishments.

Below are highlights from March 2021 (You will see that some departments had to change operations due to the Coronavirus/COVID-19.

Hays Center—95% of members 65 and over had the COVID 19 vaccine, close to 80% 50 to 65 have been vaccinated. 3,637 members visited, average 117 members per day. 46 new members and 101 renewals. Both pools are open along with billiards, ping pong, exercise equipment area and pickleball. Knitters and Yoga have returned. 10 mobile garden carts have been added through the NLR Fit 2 Live Program-these will be used for the "Gardening on the Move" Program. Volunteers contributed 140 hours.

**Street**—work in the street department is never ending...crews patch potholes daily, check and clean drains daily, pick up litter, daily, clean out storm drains (remove accumulated debris including leaves and grass clippings (reminder—do not place ANYTHING in the storm drains—they are for water runoff only!)

Sanitation—crews continue to pickup garbage and yard waste during the pandemic. Garbage / Yard Waste crews collected 3,236.35 tons (6,472,700 lbs) of household garbage, rubbish and junk. Yard waste crews collected 26 loads (738.80 cubic yards) of green waste. Leaf crews wrapped up for the season with the collection and disposal of 9 loads (276.00 cubic yards) of leaves. 598 tires picked up. 25 Sanitation Code inspections and 29 reinspections. Issued 20 notices for non-compliance and 0 citations.

**Traffic**—AR One Call requests—61 (reminder—calling 1 call will save time and money (time by locating underground utility lines—money by not having to pay to repair damaged underground utility lines!), Signs/posts repaired or replaced—511, City vehicles marked with decals—7.

**Fire**—Total incidents—952, Unit responses-1,710, Residential fires-14, False alarms-56, Vehicle Fire-6, Rescue/Emergency Medical-509, Mutual Aid-3, Hazmat-9. Training hours: 3,705. Building surveys: 175.

Emergency/911—Incoming calls-12,203, Non-911-6,254, Wired 911-695, Abandoned 911-41, Wireless 911-4,999, Abandoned Wireless-214. Total dispatch entries: 8,620.

**Planning**—Inspectors traveled 3,431 miles within the city performing the following inspections: 113 HVAC, 228 Plumbing, 134 Electrical, 138 Building. Issued the following permits: 13 sign, 6 demolition, 35 New Single Family (average cost \$133,665), 47 Residential Remodel (average cost \$15,919), 0 New Commercial, 7 new Multifamily.

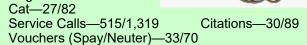
**Electric Customer Service**—Payments—43,390, Collections—\$9,571,970.

**Code Enforcement**—Assigned calls—156, Citations—44, Violation Notices—978, Vehicles Tagged—303, Lots Posted—185, Signs Removed—14, Structures Inspected—42, Rental Inspections—32, Food Service Inspec-

tions—12, Houses Demolished by city—3, Houses Demolished by owner—3, Vacant Lots Cleaned—23, Lots with Structures Cleaned—2, Vacant Houses Secured—30, Vacant Lots Mowed—0, Lots with Structures Mowed—1. Tires removed—24.

#### **Animal Control**—Incoming:

Dog—122/329
Cat—47/111
Other—0/0
Adopted:
Dog—39/133
Cat—12/22
Reclaimed:
Dog—18/58
Cat—5/5
Euthanized:
Dog—69/136



Parks & Rec—Applied pre-emergent to all sports fields, Baseball, Softball and Soccer games and practices underway. Rec Center programs include Kite flying, Scooter Basketball, Nerf games, Bottle art, Basket Weaving, Watercolor art and STEM (Science, Technology, Engineering and Math). Community Center Fitness opened to limited access.

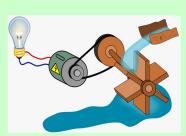
### North Little Rock Convention & Visitors Bureau—

Downtown RV park—382 reservations, average stay 3.7 nights. RVs from 40 states (top 5: AR, TX, IL, FL, OK). Gift shop added new items "Southern As I See it", by Alcinda Smith and Smell of Spring Aroma Cards.

#### **Electric**

39,966 customers \$6,881,360 revenue 107,470 kw peak power 60 sq miles—territory 11,252 transformers 555 miles of wire 10,458 street lights 5,032 security lights 82 lighting repairs

39,401 smart meters



Major outages: 3-17 broken pole Entergy Transmission event 10,745 customers out 2.5 to 6 hours.

#### Finance

### Year to Date Revenue & Expenditures

as of March, 2021

Revenue	
Property Taxes	411,219
Licenses/Permits	382,543
Fines/Forfeitures	11,890
Taxes—sales	4,014,389
Intergovernmental	68,292
Franchise fees	141,799
Charges for Services	175,640
Miscellaneous	525,171
Interest Income	10,018
Net Transfers	(1,830,732)
Total Revenue	\$3,910,228

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#### ...continued from previous page... **Expenditures** Administration 293,074 **Animal Shelter** 52,089 Special Appropriations 827,193 City Clerk 34,063 **Emergency Services** 144,420 Finance 77,848 Public Safety-Fire 1,141,114 8,601 Health 53,662 Legal 45,977 1st Court 44,906 2nd Court 65,345 **Human Resources** 26,414 Commerce **Planning** 74,100 1,813,940 Public Safety-Police 76,273 Code Enforcement 98,145 Public Works 13.610 **Neighborhood Services** 376,890 Sanitation Vehicle Maintenance 125,149 75.170 Senior Citizens Center 10.796 Communications Fit 2 Live 9,430

**Total Expenditures** 

# What Happens If I skip My Second COVID-19 Vaccine Dose?

Found at goodhousekeeping.com/health By Zee Krstic

Virologists explain what happened when you don't receive what's known as a "booster" dose—and if it's okay to delay beyond recommended guidelines.

- Skipping the second dose of a COVID-19 vaccination series can reduce the efficacy and, potentially, the lifespan of your immunity, according to experts.
- You can schedule an appointment for a second COVID-19 dose up to a full 42 days after your first shot, both for Pfizer and Moderna vaccines.
- If you skip your second dose appointment, experts explain why getting it at a later date even months after your first is better than just sticking with one shot only.

For a majority of Americans, a full COVID-19 vaccination means sitting in a doctor's office or clinic for a series of two different shots, developed by teams behind Pfizer and Moderna's leading vaccine products. Current guidelines set by officials at the Food and Drug Administration dictate that patients must wait at least 21 days for a second Pfizer dose; those who receive Moderna shots, at least 28 days (outside of the U.S., AstraZeneca recipients wait at least 56 days for a second dose). These second shots are commonly called "booster" shots by professionals, as they're designed to "boost" your immunity, much like the series of shots used to protect you against mumps or measles, as an example.

Because of high demand, sitting down for two shots is a lot easier said than done for some — long lines at public clinics have been a deterrent for those taking time off work. Some may be hesitant to return for a second shot after a very sore arm or a string of side effects following their first shot. And others may simply be unable to make their predetermined second dose appointment due to extenuating circumstances, and re-booking can be just as tricky as securing a first-time appointment.

\$ 5,488,207

Could receiving just one vaccine be good enough to keep you healthy and safe, you may wonder? If you've had to miss your second appointment, is it too late to reschedule for your second vaccine? And what happens if you're only able to access a vaccine that is made by a different manufacturer?

The short answer to most questions: It's very important for you to finish your COVID-19 vaccine series to reap the most benefits, explains Nicholas Kman, M.D., an emergency medicine physician at The Ohio State University's Wexner Medical Center. Your CDC-issued vaccine card will often include details for when you should return for a second shot, which ensures as much immunity against life-threatening cases of COVID-19 as possible. But even if you can't make that date, it's still in your best interest to receive a second dose — and not to try to get a different dose or "start over" when it comes to vaccines.

### Why is a second booster dose important?

In order for your Pfizer or Moderna mRNA vaccine to be as effective as it can be, you'll need to sit for both doses. Research published in the BMJ indicates that Pfizer's vaccine is only 52% effective at preventing the spread of SARS-CoV-2 (the virus that leads to a COVID-19 diagnosis) after one dose, whereas Moderna's vaccine could be over 80% effective in the span of the first two weeks, per BBC reports and the World Health Organization. Both

vaccines are well over 90% effective at preventing lifethreatening cases of COVID-19 after a brief period following two full doses, according to the CDC.

Data does indeed suggest that immunity develops in some form after your first dose, but the same data suggests that vaccinated individuals are fully immunized within just 2 weeks of the second dose. "Antibodies can increase 10 times after the second dose," Dr. Kman explains. "This second shot is especially important in those with compromised immune systems who are considered high risk for severe complications or symptoms."

## What kind of protection does only one shot provide against COVID-19?

There has been limited research into how a single shot of a two-series vaccination can impact your immunity against COVID-19 in the long run, but early data suggests that there is a significant source of immunity with just one shot. Dr. Kman explains that a single dose of both vaccines proved 80% effective in preventing COVID-19 infections in a pool of 3,950 study participants in six different states over a 13-week period. "Following a single dose of either vaccine, the participants' risk of infection with SARS-CoV-2 was reduced by 80% two or more weeks after vaccination," he says. "It's important to note that all the vaccines — including Johnson & Johnson's — are 100% effective in preventing death from COVID-19, which is probably the most important endpoint."

Receiving only one shot won't lead to any adverse side effects; it won't cause any residual side effects on your immune system. Why are two shots so essential, then? Anthony Fauci, M.D., the director of the U.S. National Institute of Allergy and Infectious Diseases, has recently hinted that a single dose may not provide immunity as long as a full vaccine series could.

Continued on next page...

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"When you look at the level of protection after one dose, you can say it's 80%, but it's somewhat of a tenuous 80%," Dr. Fauci told members of the press last week. "When you leave it at one dose, the question is, how long does [immunity] last?"

And because new variants of the SARS-CoV-2 virus are proving to be an issue even for fully vaccinated adults, Dr. Fauci adds that a single shot may offer even less protection against new COVID-19 strains. "You're in a tenuous zone if you don't have the full impact," he added. Can I receive my second dose of a COVID-19 vaccine later than usual?

If you've missed your appointment for a second dose of your vaccine, good news: It is not "too late" to get a second one for better immunity. Sachin Nagrani, M.D., the medical director of healthcare services provider Heal, tells Good Housekeeping that you can complete your vaccine series up to 42 days after your first dose without any impact on its effectiveness.

All experts we consulted agreed: Even if you are outside of the 42-day range, you should still schedule a booster dose for best results. Due to a lack of data at this time, Dr. Nagrani says it's unclear if the effectiveness of the vaccine is different when someone receives a booster dose long after a 42-day interval. "It's reasonable to suspect that the vaccine remains effective if the series are spaced out farther, but data to bear this out isn't available at this time," he says.

Sometimes, not keeping your second dose appointment is unavoidable — especially for those who may be permanently moving to another state. Dr. Kman says the answer isn't to try and get your second dose earlier than a recommended timeframe, as this can impact your immune system's response to the vaccine. "However, if you do receive your second shot of the vaccine earlier or later than recommended, you do not have to restart the vaccine series," Dr. Kman adds.

You should also reschedule your second COVID-19 vaccine dose (even beyond the 42-day mark!) if you are

feeling sick on the day of your appointment, or your healthcare provider instructs you to do so.

### Can I get my second dose from another manufacturer?

Whether it's because you had painful side effects on the first dose, or because you're having trouble accessing a second dose appointment for a certain vaccine, you may be wondering if you can switch from Pfizer to Moderna and vice versa. Current CDC guidelines maintain that you should receive the same vaccine in both doses, even if that means sacrificing the timeline for a second dose.

Why is that so important, you might ask? "Getting a different vaccine for your second dose might be theoretically possible, but certainly not studied or recommended," Dr. Kman says. "It would be better to wait to get the same manufacturer given that you do have good protection at the two-week point after the first shot."

In very rare cases, Dr. Nagrani says Johnson and Johnson's Janssen COVID-19 vaccine (which is designed to be administered only once) could be substituted for a second-dose mRNA vaccine. Current CDC guidelines indicate that this strategy will only be recommended by healthcare providers to patients with severe extenuating circumstances for requesting a different vaccine. It seems that getting another type of vaccine altogether is better than considering a booster dose from another manufacturer in the end.





### **Ballet Arkansas Presents "Live at the Plaza"**

Ballet Arkansas and the North Little Rock Convention & Visitors Bureau (CVB) announced their partnership in the launch of Ballet Arkansas Presents Live at the Plaza, a two-weekend educational and performance program in **May 2021** at **Argenta Plaza** at 510 Main Street in North Little Rock.

"Reaching diverse populations composed of both devoted and untapped audiences, Live at the Plaza has the potential to inspire a collective appreciation for the performing arts and for the Argenta Arts District," said Michael Fothergill, Ballet Arkansas's Executive and Artistic Director. "Live at the Plaza is the first step towards an annual presence of Ballet Arkansas programming in the Argenta Plaza."

Held the first and third weekends of May 2021, Ballet Arkansas Presents Live at the Plaza is sponsored by the North Little Rock CVB, the City of North Little Rock, First Orion, ACANSA Arts Festival of the South, Taggart Architects, Fit 2 Live and the Argenta Downtown Council.

"The arts are crucial to quality of life in North Little Rock," said Karen Trevino, President & CEO of the North Little Rock CVB. "We are excited to partner with Ballet Arkansas and North Little Rock government, businesses and nonprofit organizations to bring Argenta Plaza to life this year. We hope the program will bring the local community together as well as attract visitors by highlighting North Little Rock's thriving arts and culture."

For more information, dates and times visit northlittlerock.org

# DO I REALLY NEED TO CALL?

Yes! Even projects you might think are "small," like planting a garden, require you to contact 811. I am only planting a small flower bed or bush...



Did you know that many utilities are buried just a few inches below ground? You can easily hit a line when

digging for simple gardening projects, like planting flowers or small shrubs. Contact your 811 center anytime you're putting a shovel in the ground to keep yourself and your community safe.

### I am just installing a mailbox...

Buried utility lines are everywhere! Installing mailboxes and fences are examples of projects that absolutely require a call to 811 to know what's below before digging. Hitting a line can knock out service to your home and neighborhood or result in fines, damage, and serious injury. Don't make a judgment call – make the call (or online request) to 811 every time you dig.

### I am digging in a spot that was previously marked...

Erosion and root system growth can alter the depth or location of buried lines, or your utility companies may have completed work on their lines since the last time you dug – so you must contact 811 before you dig, each and every time.

# I have hired a contractor or landscaper to do the digging project...

Be sure to check with your contractor or landscaper to make sure that they will contact 811 a few business days before



digging begins – whether it means you making the call, or your contractor doing so. Never let digging work begin without contacting 811! It's not worth the risk.

# I am only digging in a small area and don't want my entire yard marked...

If you are only planning to dig in a small portion of your yard, you can outline the area in white paint or white flags

available at home improvement stores to ensure that only the utilities in that part of your yard will be located and marked. Be sure to let your 811 center know about your plans, and they will help ensure the proper area is marked by utility locators.

Remember...call 811! You'll be glad you did!



### Slow-Cooker Whole Orange Chicken

Found at bettycrocker.com/recipes

1 jar (12 oz) sweet orange marmalade

1/2 cup packed brown sugar

1/4 cup soy sauce

2 Tblsp chili garlic sauce

1 tsp salt

1 whole chicken (3.5 to 4.5 lb)

1-inch piece fresh gingerroot, peeled

1/4 cup cornstarch

1/4 cup orange juice

6 thin slices orange, halved

2 Tblsp chopped fresh cilantro leaves

Cooked white rice, if desired

Spray 5-quart oval slow cooker with cooking spray. In small bowl, mix marmalade, brown sugar, soy sauce, chili garlic sauce and salt. Add chicken and marmalade mixture to slow cooker, spreading marmalade mixture over chicken, inside and out. Place chicken breast side down; add gingerroot.

Cover; cook on Low heat setting 4 to 5 hours, until instant-read thermometer inserted in thickest part of chick-

en thigh muscle and not touching bone reads at least 165°F (legs should move easily when lifted or twisted). Do not uncover slow cooker before 4 hours.



Remove gingerroot, and discard. Transfer chicken to cutting board; let stand about 5 minutes or until cool enough to handle. Cut into 8 pieces.

Meanwhile, in small bowl, mix cornstarch and orange juice; stir into liquid mixture in slow cooker. Cover; cook on High heat setting 10 to 15 minutes or until sauce thickens.

Position oven rack 4 inches from broiling element. Set oven control to broil. Line large rimmed baking pan with foil; carefully transfer chicken, skin side up, to pan. Place orange slices around chicken; brush oranges and chicken with sauce. Broil 3 to 5 minutes or until skin is golden brown and crisp; sprinkle with cilantro, and serve with more of the sauce over rice.

School's out for Summer!

Back in the day...whether that day was 50 years ago or 5 years ago, what were your plans when school was out? Whether it's spending time at the lake or at your favorite beach, be sure to make some longlasting family memories! Here are some of the memories from the City Clerk's team:



Diane—sleeping late, staying up late to watch Saturday Night Live!, go to my grandma's house, ride my horse, catch fire flies

Talor—sleep-over, pool parties, go to the mall, road trips, church camp, scary camp-fire stories





Katelyn—camping, go to the mall, church camp, riding my bike, card tournaments, space camp

Teresa—going to the park and pool, roller skating, sneak out with my boy friend



...continued from page 1...

## Surveying Today with NOAA's National Geodetic Survey

Today, the mission of NOAA's National Geodetic Survey (NGS) is to ensure that the United States has a consistent,



high-accuracy geodetic reference foundation that supports a multitude of needs. The safety and efficiency of the buildings we live in and work in, the roads and bridges we drive on, and the trains, airplanes, and ships that carry the products we use everyday, all depend on a univer-

sally compatible system of geodetic reference points that tie our nation together. Until recently, NGS has relied on using conventional line-of-sight sur-



vey measurements, much like Lewis and Clark did, to provide this national geodetic framework.

The advent of the Global Positioning System (GPS), however, has irreversi-

Jim—hang out at the pool, summer sports, beach vacation





Becky—playing with neighbors, go to grandma's house

Shelley—sleeping in, camping, going to the lake

Other possibilities?

**Be a tourist in your own city**, in North Little Rock, visit the **Old Mill**, visit the **USS Razorback** and **USS Hoga**.



Go to Burns
Park—take your
kids or grands to
Funland or walk

the trails! Take in a ball game at Dickey Stephens Park!

**Do a random act of kindness** mow your neighbors yard, buy your friend a cold drink, bake goodies for neighbors, friends or office mates.

**Volunteer** whether it's at your favorite charity or at your church, volunteer. Participate in a neighborhood cleanup, coach a youth sports team, volunteer at your local animal shelter.

bly transformed this landscape. Developed by the U.S. military, GPS is a constellation of satellites that transmit their signals to receivers all over the world. GPS enables geodetic positioning to be accomplished without having to physically see or measure distances between survey points. Using GPS, a survey that once took days or weeks to complete can now be done in a few hours at a much lower cost. GPS has not only revolutionized the tradi-



tional civilian navigation, surveying, and mapping professions, but has spawned numerous new applications in industrial sectors not previously dependent on geodesy. NGS provides the infrastructure that facilitates public and private civilian applications of GPS. The virtually unknown geography of western America, described as a blank canvas in Jefferson's time, is now well documented by the framework of NSRS, and it can be viewed by all GPS and GIS users.

Pictured in the left column are several types of survey markings.



### Signs You're Eating Too Much Salt

Found at webmd.com/diet



### What Is Salt?

Salt is a seasoning that can flavor food and act as a preservative. It's about 60% chloride and about 40% sodium. Nearly all unprocessed foods -- think veggies, fruits, nuts, meats, whole grains, and dairy foods --

are low in sodium. The salt that we do eat helps relax and contract muscles, lends a hand with nerve impulses, and balances the minerals and water we take in.

### **How Much Salt Do You Need?**

Our body needs only a small amount of sodium. We should get about 1,500 milligrams of it every day. But the average American takes in about 3,400. Too much salt can lead to a stroke, heart disease, and high blood pressure. But how do you know if you take in too much salt? **You're Bloated** 

Bloating -- when your stomach feels swollen or tight -- is one of the most common short-term effects of having too much salt. It helps your body retain water, so extra fluid builds up. Foods don't have to taste salty for them to be high in sodium. Sandwiches, pizza, bagels, and canned soup can be sneaky sources for salt.

#### Your Blood Pressure Is High

There are lots of reasons you might have high blood pressure, but one could be too much sodium. The change in blood pressure happens through your kidneys. Too much salt makes it harder for them to get rid of fluid that you don't need. As a result, your blood pressure goes up. **You're Puffy** 

Swelling can be a sign of too much sodium in your body. Body parts like your face, hands, feet, and ankles are

most likely to swell. If you're more puffy than usual, take a look at how much salt you're eating.

# You're Really Thirsty

If you've been really thirsty lately, it could be a sign that you're eating too much salt. When that happens, you become dehydrated. Your body pulls water from your cells, and vou might start to feel very thirsty. Drinking water can help neutralize that salt and can freshen up your cells.



use massive amounts of

sodium for preservation and

longer shelf life

### You've Gained Weight

When you retain water, you might gain weight. If you've put on pounds quickly over a week or even a few days, it could be because you're having too much salt. If you gain more than 2 pounds in a day or 4 pounds in a week, think back to the foods you ate during the past few days and try to make changes to cut down on the salt.

#### You Use the Restroom a Lot

More salt could lead to more trips to the bathroom. This could be because salt can make you very thirsty, which might encourage you to drink more water. Later on, you might have to go to the bathroom more than usual.

#### You Aren't Sleeping Well

If you eat too much salt before bed, it can lead to disturbances in your sleep. Signs can range from restless sleep, to waking up often at night, to not feeling rested in the morning.

#### You Feel Weak

When there's too much salt in your blood, water gushes out of your cells to thin out the salt. The result? You might start to feel weaker than usual.

#### Your Stomach Bothers You

If too much salt in your diet makes you dehydrated, your stomach will feel it. You might feel nauseated, or you might have diarrhea. If your stomach is upset or you have cramps, take a look at what you've been eating during the past few days and figure out how to cut back on the salt. Drinking plenty of water can help rehydrate your cells and get you feeling better.

### **Long-Term Effects of Too Much Salt**

Although there are lots of short-term effects to watch out

for, there are also long-term effects of eating too much salt. It might raise your chances of things like enlarged heart muscle, headaches, heart failure, high blood pressure, kidney disease, kidney stones, osteopo-



rosis, stomach cancer, and stroke.

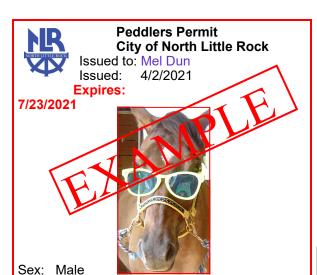
#### **How to Cut Down on Salt**

Since 9 out of 10 Americans get too much sodium, chances are, you might take in too much as well. To help keep your levels in check:

- Choose fresh meats instead of packaged ones.
- When you buy frozen vegetables, choose ones that are "fresh frozen" and stay away from ones with seasoning or sauces already added.
- Read labels and check the sodium content in the foods you buy.
- When choosing spices and seasonings, go for ones that do not list sodium on their labels.
- If you eat out, you can ask for your dish to be prepared without salt.

Worried about taste/flavor? Try these salt substitutes: onions and garlic, lemon juice, citrus and zest, vinegar, infused oils, salsa and chutney, chilies and peppers...you get the idea! Try something new...who knows, you might like it!

9



Eyes: Brown Hair: Dun Height: 15 hands

Employer: Equine sunglasses

Type of Goods Sold: Sunglasses for horses

City Clerk and Treasurer Diane Whitbey

By: SAMPLE ONLY—

only valid with signature

Deputy City Clerk / Treasurer, Revenue

To see a list of issued permits, visit the city website at www.nlr.ar.gov, then click on City Clerk/Treasurer, followed by Licensed Peddlers.

To see an individual ID/Permit, click on the person's name. All licensed door to door peddlers are required to have the ID issued by the City Clerk's Office with them at all times.

Currently, we have NO permitted door to door solicitors

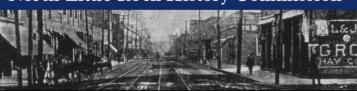
All North Little Rock Business/ Privilege License/Permit renewals were due March 31, 2021 to avoid penalties.

All persons doing business of any kind within the city limits of North Little Rock are required to have a Business/Privilege License. This includes homebased such as lawn care or internet sales.

\*\*If a business operates 1 day into the new year, it is required to obtain a business license at the full fee.\*\*

If you have any questions, please contact the North Little Rock City Clerk's Office at 501-975-8617.

### North Little Rock History Commission



The Friends of NLR History continue to raise money for a project *KEEPING THE PAST PRESENT*. Funds will be used to create a new interactive, state-of-the-art, museum experience with permanent and temporary/changeable exhibits.

For more information, call 501-371-0755 or email nlrhistory@comcast.net.

The North Little Rock Convention & Visitors Bureau wants to help promote your upcoming events! Visit <a href="www.NorthLittleRock.org">www.NorthLittleRock.org</a> or call Stephanie Slagle (Director of Marketing) at <a href="stephanie@northlittlerock.org">stephanie@northlittlerock.org</a> or 501.404.0378 to submit your events.

### Operating a Business in North Little Rock

If you have decided to open a business in our North Little Rock (NLR), we are glad you will be a partner in the development of our wonderful city. We also want to take the time to provide some basic information for all business operators.

- 1. The NLR City Council requires all persons conducting business of any kind in our city to have a current Business/Privilege License/Permit.
- The NLR City Council requires all persons wishing to operate a business in our city to obtain a zoning certificate. This ensures that the type of business to be operated corresponds with the current zoning of the location. (This applies to home-based businesses as well).
- NLR Business/Privilege License/Permits must be renewed annually. All License/Permits run from January 1 thru December 31. Some new accounts opened within the calendar year may be prorated (quarterly).
- 4. Hotels, Motels, Home Vacation Rentals, Restaurants and Food Trucks are also subject to an Advertising and Promotion (A&P) tax to be collected at the point of sale and remitted monthly to the A&P Commission.
- The majority of businesses will be subject to the General Sales and Use Tax.
- The business may also be subject to certain County taxes and should contact the Pulaski County Assessor's Office.
- 7. Businesses operating in the city are subject to inspection by the North Little Rock Fire Department to ensure they are in compliance with the Fire Code.
- 8. Businesses must have prior approval for signage (not allowed for home-based businesses).
- Some businesses (restaurants, food trucks, day cares, etc.) may also require a State Health inspection prior to obtaining a business license.
- 10. All businesses selling alcoholic beverages must have a State Alcohol Beverage Control Board (ABC) License before selling any of these products.

For more information, please contact the City Clerk/ Treasurer's Office at 501-975-8617 or email CityClerkOffice@nlr.ar.gov.

# North Little Rock City Council Schedule

The North Little Rock City Council meets the 2nd and 4th Monday of each month at 6:00 p.m. in the City Council Chambers in City Hall (300 Main Street, North Little Rock).

For more information, please contact the City Clerk's Office at 501-975-8617 or email Diane Whitbey at Dwhitbey@nlr.ar.gov.

The City Council Agenda can be found at www.nlr.ar.gov, then click on the Government tab, followed by Council Agenda.

### City Offices located at 120 Main

IS/Data Processing, Kathy Stephens	975-8820
Finance, Ember Strange	975-8802
Information	975-8888
Human Resources, Betty Anderson	975-8855
Planning, Shawn Spencer	975-8835
Purchasing, Mary Beth Bowman	975-8881
Utilities Accounting, Terrell Milton	975-8888

### **City Council Members**

	ere, country tracing	<del>UI D</del>
Ward 1	Debi Ross	753-0733
	Nathan Hamilton	952-7679
*** 10		0.4.7.0000
Ward 2	Linda Robinson	945-8820
	Maurice Taylor	690-6444
Ward 3	Steve Baxter	804-0928
	Ron Harris	758-2877
Ward 4	Charlie Hight	758-8396
	Jane Ginn	749-5344

# Utility Payment Assistance and Other Numbers

Central AR Development Council.......501-603-0909

Little Rock Catholic Charities...501-664-0640 ext 459

Saint Francis House......501-664-5036

Watershed.......501-378-0176

Helping Hand of Arkansas.....501-372-4388

River City Ministries.....501-376-6694

Arkansas Metro......501-420-3824

Arkansas Food Bank......501-565-8121

American Red Cross.....501-748-1021

### **Other Elected Officials**

075 0601

Mayor Terry C. Hartwick	9/3-8601
City Clerk/Treasurer Diane Whitbey	975-8617
City Attorney Amy Fields	975-3755
District Court Judge Randy Morley	791-8562
District Court Judge Paula Juels Jones	791-8559

# Telephone Numbers for City Hall

Salvation Army......501-374-9296

-	The state of the s
Mayor's Office	501-975-8601
Terry C. Hartwick	
City Clerk & Treasurer	501-975-8617
Diane Whitbey	
Communications	501-975-8833
Shara Brazear	
External Relations	501-975-8605
Margaret Powell	
Fit 2 Live	501-975-8777
Isaac Henry	
Special Projects	501-975-3737

Arnessa Bennett

North Little Rock Curbside Recycling schedule for the month of May



May 3—7 no pickup May 10—14 recycle May 17—21 no pickup May 24—28 recycle May 31—Jun 5 no pickup

### Laman / Argenta Libraries

Celebrate 501 Day with the Diamond Garrison of the 501st Legion

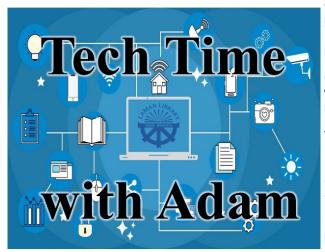
Argenta Branch Library hosts the Diamond Garrison of the 501st Legion for a 501 Day Celebration and Special Storytime in downtown Argenta on May 1.

The outside event features stories for children and photo opportunities with Star Wars universe characters for all ages from 2:15 to 4 p.m. at Laman Library's Argenta Branch, 420 Main St.

For virtual Cooking Classy, Shelbie shares a delicious Creamy Coriander Chicken recipe on social media and the Lamanlibrary YouTube channel.



Give Creamy Coriander Chicken and other flavorful recipes a try with a Fellowship & Flavor coriander spice packet available from the Main Branch. Give us a call at (501) 758-1720 to reserve your Spice of the Month Club Kit for curbside pickup, try a few of the enclosed recipes, and then get together with other adventurous foodies to share your impressions on Zoom for Fellowship & Flavor at 5:30 p.m. on May 24. You'll find Zoom meeting details on the calendar at lamanlibrary.org.



Call (501) 758-1720 to pick up a pack of Bingo cards and let's play!

Follow the link on lamanlibrary.org for online games starting at 2 p.m. May 6.

Get help with your laptops, tablets, and smart phones - Adam will work with you one-on-one to solve common problems beginning at 4 p.m. on May 18 at lamanlibrary.org.

Tune in for our virtual programs through social media and the LamanLibrary YouTube channel:

Shelbie makes Stuffed Zucchini with Turkey in Cooking on a Shoestring.

Find a few great summertime reads, including new releases and books to enjoy poolside, with the latest Book Chat with Julie.

Get creative with our Dirty Pour Painting Feather Pour tutorial.

Shannan shares books that help children deal with real issues in Real Talk Storytime.

Enjoy Flower Power in Card Shop with Sari. She'll share flowery/lacy techniques for cards to brighten someone's day. Call Argenta Branch at (501) 687-1061 to reserve your kit for curbside pickup. Supplies are limited. One kit per person please. If you aren't able to pick up a kit, these classes are designed with items you might find at the dollar store or around the house.

Ms. Kathy's Mystery Craft Kit - Call Argenta Branch at (501) 687-1061 to reserve your child's kit for curbside pickup.

Shelbie shares the secret for creating beautiful flowers from plastic bags in our next Recycle Craft. For Garden Craft, she makes a plastic bottle planter, and with Happy Crafternoon, she'll roll colorful paper beads.

May Birthdays CHANCE GRIEBEL JOHN ENGLISH	Laman Laman	2 4	COLBY SANSOM CALEB DEDMAN	Laman Laman	2 7
May Anniversaries DALE BRYANT BECKY TERRY	Laman Laman	4 yrs 6 yrs	MICHAEL THORNTON KORY SANDERS	Laman Laman	5 yrs 6 yrs

# **May Anniversaries**

Name	Dept	# Yrs	Name	Dept	# Yrs
ROGERS, CLAYTON A	Airport	10	HARRIS, CHARLES W	Street	10
SMITH, KAREEM	OES/911	4	BROCK, KENNY R	Vehicle Maint	29
KING, ERICA	OES/911	4	MCDOUGAL, JUSTIN D	Vehicle Maint	14
STRONG, DARIAN D	OES/911	3	SCOTT JR, ERNEST	32	8
CHAPERON, BRITTANY A	OES/911	1	CAPLINGER, DEBORAH E	Parks Admin	2
GULLETT, MARVIN H	Electric	43	RHODES, JASON M	Park Maint	8
USSERY, EBBIE E	Electric	32	LEWIS, JOSHUA S	Park Maint	5
TARKINGTON, SANDRA L	Electric	14	CHEATHAM, GREGORY D	Park Maint	5
DUCKERY, KRASTAL R	Electric	14	JENKINS, TREVOR A	Park Maint	2
WILLIAMS, LINDA F	Electric	14	LARRY, WILLIAM R	Park Maint	2
MELTON, DAVID K	Electric	12	PERRY, MICHAEL W	Park Maint	2
JOHNSON, ANDREW M	Electric	9	CUNNINGHAM, JENNIE D	Parks Rec	26
COLLINS, CHRISTOPHER M	Electric	7	WORRELL, TINA M	Parks Rec	18
FUNDERBURG, CODY M	Electric	6	WHITLEY, JAYLA R	Parks Rec	8
MARKHAM, APRIL R	Electric	5	TURNER, STEPHANIE N	Parks Rec	5
WILLIAMS, HELEN M	Electric	5	HAMPTON, MARKEITA	Parks Rec	4
VANG, PAJAI	Electric	3	BEARD, FLOYD W	Parks Rec	3
HEAD, CLARK R	Electric	2	LARRY, THURSTON L	Parks Rec	3
ALMON, WARREN B	Fire	27	HONORABLE, JONATHON D	Parks Rec	2
MONTGOMERY, ERIC M	Fire	6	HOUSE, JERRICK M	Parks Rec	2
YIELDING, CHRISTINA D	Legal	21	RALSTON, JOSEPH P	<b>Burns Park Golf</b>	7
EDWARDS, CRAIG A	Police	26	STUART, KRISTAN D	Burns Park Golf	5
MCEUEN, ELLISA K	Police	10	FORD, LAUREN J	Parks Concession	5
FULLER, DUSTY L	Code	6	RAMIREZ, KATHERYN M	IT	2
NEWTON, VINCENT R	Sanitation	2	HOLMAN, AARON J	IT	2
WICHELT, ERIC D	Sanitation	2			

Information regarding employee anniversaries and birthdates is provided by Human Resources the prior year (i.e. 2021 was provided in 2020). So if an employee name is on the list that has retired or resigned, please disregard. Also, typos happen! Please let me know if a name is spelled wrong and a correction will be included next month! For employees who leave the city and come back in a different capacity or department, your length of service may change as well. Example, I worked in the Mayor's Office 10 years, then was elected City Clerk. I have been in the City Clerk's Office 20 years. My total service with the city is 30 years. If this scenario applies to you, please email me at least one month before the month of your anniversary month so I can include your total service to the City of NLR! Diane (Dwhitbey@nlr.ar.gov)

# **May Birthdays**

Name	Dept	Date	Name	Dept	Date
KOLB, MATTHEW	Fire	1	BROWN, JIMMY	Parks Maint	14
WOOLFOLK, ANNA	Parks Rec	1	GREEN, JOSEPH	Police	15
ALLEN, KAREN	Electric	2	HOLLAND, JENIFER	Parks Rec	15
KEMP, DARRON	Parks Rec	2	DOUGAN, SHANE	Fire	17
ZONNER, GREGORY	AIMM	3	HAWKINS, JOHN	Fire	17
WOODWARD, JASON	Police	4	BROOKS, SAM III	Street	17
WALKER, NICHOLAS	Fire	5	GILBERT, YOLANDA	Parks Rec	17
WATSON, QUENTIN	Fire	6	LANKFORD, STEVEN	Fire	18
PRENTICE, CAROLINE	Public Works	6	JOHNSON, RAVEN	Parks Rec	18
CUNNINGHAM, JENNIE	Parks Rec	6	KABAT, ANITA	Animal Contr	19
BLACK, BILLIE	Comm Planning	7	GARTRELL, RUSTY	Police	19
HARRIS, CHARLES	Street	7	FIELDS, ETHAN	AIMM	19
FERRY, CHRISTINE	Electric	8	JAMES, JUSTIN	Electric	20
HAYDEN, DEMARIO	Fire	8	DAVIS JR, CHARLES	Fire	20
SARTIN, KENNETH	Fire	8	SHOSHONE, RICKY	Fire	20
WALKER, SEAN	Fire	8	HUBBARD, STEVEN	Street	20
PATE, TONY	Parks Rec	8	BURLESON, SUSAN	Electric	21
ELMS JR, DOUGLAS	Fire	9	TIMS, LONNELL	Police	21
DAUGHERTY, JERRI	Police	9	HOLLEY, MICHAEL	Fire	22
DAVIDSON, RYAN	Police	9	CALVERT, DAVID	Police	22
CARROLL, LANCE	Finance	10	HEMANN, MICHAEL	AIMM	23
DILLON, DANNY	Traffic	10	COLEMAN, ARNOLD	Comm Planning	25
RINCHUSO, MATTHEW	Golf	10	MEDFORD, DUSTIN	Police	25
BARBER, JOHN	IT	11	MICKEL, LARRY	Police	25
HARRIS, JOHN	Electric	12	CAVNOR, JACOB	Golf	25
BLAND, TIMOTHY	Police	12	TURNER, STEPHANIE	Parks Rec	26
SANTUCCI, ALEXANDER	Police	12	WILLIAMS, JONATHAN	Fire	27
HAMPTON, MARKEITA	Parks Rec	12	DILLON, KATHRYN	Vehcile Maint	28
GRISHAM, LYLE	AIMM	12	WILLIAMS, ALEXANDRIA	Parks Rec	28
COOPER, AMY	Police	13	DUNBAR, ADDISON	Concessions	28
GARRETT, PATRICK	Police	13	DUCKERY, KRASTAL	Electric	29
KINKAID, BRYAN	Police	13	SORRELLS, KARL	Police	29
BOWERS, JOSHUA	Comm Planning	14	ROSS, RICHARD	Code Enf	30
ROARK, KRISTOPHER	Street	14	POWELL, TOMMY	Golf	30

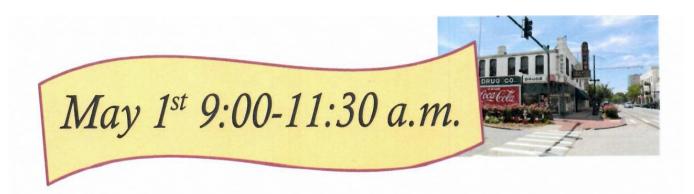
## **COVID 19 VACCINE CLINIC—NORTH OF THE RIVER**

Still need the COVID 19 Vaccine? Here are several upcoming opportunities:

Where? Simmons Bank Arena (Box Office Entrance—Lower Level) 1 Simmons Bank Arena Dr When? Saturday—May 1, Saturday—May 22 or Saturday—June 12, 2021

from 9 a.m.—4 p.m.

To make an appointment, call (501)526-2211 or visit VaccineSignup.UAMS.edu/mobileclinic. This clinic is open to Arkansans age 16 and older. There is no out-of-pocket cost to receive the vaccine, but attendees should bring a photo ID and an insurance card if they have one. The two-dose Pfizer vaccine will be administered by UAMS health care professionals.



# Be a part of the

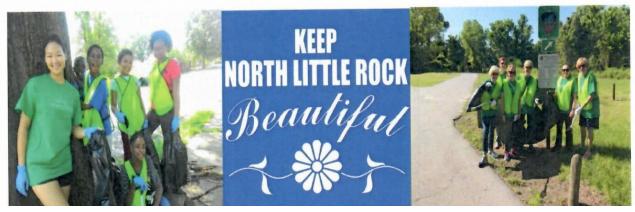
# 2021 Great NLR Clean UP

Recruit a Group ∞ Choose your Area

Online Registration at knlrb.org

or Facebook at "Keep North Little Rock Beautiful"

Contact Randy Naylor for questions at <a href="mailto:Green@knlrb.org">Green@knlrb.org</a>
or call 501-357-8775





### North Little Rock Parks and Recreation — Summer 2021 Camps

### Camp Sessions:

There are four sessions available at each North Little Rock Community Center.

Sessions will last throughout the summer for your entering grades 1—8 in the Fall of 2021.

- Session 1: June 7—June 25 (3 weeks) \$85
- Session 2: June 28—July 9 (2 weeks) \$55
- Session 3: July 12—July 23 (2 weeks) \$55
- Session 4: July 26—August 6 (2 weeks) \$50

Early registration: \$225 for all four camp sessions if paid in full by June 4, 2021

- Sibling discount available. Must be registered under the same household account.
- Must register and pay by the Friday BEFORE each session begins.
- Must submit copy of last school year report card at registration
- Current NLRPR membership required. (North Little Rock residents—\$15; Non-residents—\$20)

### Mini Skills Camp: August 9—13, 2021

- Cost—\$25 (Must register and pay by the Friday BEFORE camp begins.
- Each Community Center will host a 1-week mini skills camp and will concentrate on specific skills and techniques. Participants must bring their own lunch.

Glenview Community Center—Sports Mini Camp North Heights Community Center—Ninja Warrior Camp Sherman Park Community Center—Creative Arts Camp Rose City Community Center—Teen Camp

### Today's Growing Youth, Tomorrow's Well Rooted Adult

For more information call 501-906-6300.

